THE HOME DEPOT

EDI

Suppliers

Specifications and Examples

Version 1.1 - 02/18/11

THE HOME DEPOT

EDI

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Confidential – The Home Depot

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Specifications and Examples

Detail

THE HOME DEPOT

EDI 140

Warranty Information

140 Warranty Information

X12/V4060/140: 140 Product Registration

Version: 1.0

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140 Warranty Information

Functional Group=WA

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Product Registration Transaction Set (140) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to specify the manufacturer, seller, secondary warranter, and purchaser or lessee of the product. It can specify the date the product was sold, delivered, and placed in service as well as identify the product model and serial numbers. It can specify the class of service expected from this individual sale, for example: industrial, commercial, or household. This registration information can be used to divide sales commissions among sales associates or attribute license fees to the proper manufacturer. It can be used to submit many product registrations at one time to one receiving organization.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BGN	Beginning Segment	M	1		N1/0200	Must use
LOOP ID - N1					**3**	**N1/0400L**	
0400	N1	Party Identification	M	1		N1/0400	Must use
0600	N3	Party Location	O	3			Used
0700	N4	Geographic Location	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LX					**>1**	**N2/0100L**	
0100	LX	Transaction Set Line Number	M	1		N2/0100	Must use
LOOP ID - N1					**>1**	**N2/0200L**	
0200	N1	Party Identification	M	1		N2/0200	Must use
0300	N2	Additional Name Information	O	2			Used
0400	N3	Party Location	O	3			Used
0500	N4	Geographic Location	O	1			Used
0600	PER	Administrative Communications Contact	O	>1		N2/0600	Used
LOOP ID - LIN					**>1**	**N2/0900L**	
0900	LIN	Item Identification	M	1		N2/0900	Must use
1200	DTM	Date/Time Reference	O	>1		N2/1200	Used
4700	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments **All valid standard codes are used. (Total Codes: 18)**				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used. (Total Codes: 2)**				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used. (Total Codes: 3)**				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 260, Included: 1)				
		Code **Name**				
		WA Product Service Transaction Sets (140, 141, 142, 143)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used. (Total Codes: 2)**				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				
		CodeList Summary (Total Codes: 50, Included: 1)				

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set **All valid standard codes are used. (Total Codes: 316)**				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BGN Beginning Segment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use
Purpose: To indicate the beginning of a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 66, Included: 1)				
		Code **Name**				
		00 Original				
BGN02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Doc trace ID*				
BGN03	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Syntax Rules:

1. C0504 - If BGN05 is present, then BGN04 is required.

Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.
4. BGN05 is the transaction set time qualifier.
5. BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Loop Party Identification

Pos: 0400 **Repeat: 3**
Mandatory
Loop: N1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Party Identification	M	1		Must use
0600	N3	Party Location	O	3		Used
0700	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 0400	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		SE Selling Party				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements: *Store Number*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 0600	Max: 3
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 0700	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Transaction Set Line Number

Pos: 0100 **Repeat: >1**
Mandatory
Loop: LX **Elements: N/A**

User Option (Usage): Must use
Purpose: To reference a line number in a transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	LX	Transaction Set Line Number	M	1		Must use
0200		Loop N1	M		>1	Must use
0900		Loop LIN	M		>1	Must use

LX Transaction Set Line Number

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: LX	Elements: 1

User Option (Usage): Must use
Purpose: To reference a line number in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use
		Description: Number assigned for differentiation within a transaction set				

Loop Party Identification

Pos: 0200	Repeat: >1
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0200	N1	Party Identification	M	1		Must use
0300	N2	Additional Name Information	O	2		Used
0400	N3	Party Location	O	3		Used
0500	N4	Geographic Location	O	1		Used
0600	PER	Administrative Communications Contact	O	>1		Used

N1 Party Identification

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		LW Customer				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
		THD Requirements: *Customer Last Name*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N2 Additional Name Information

Pos: 0300	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify additional names

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use
		Description: Free-form name				
		THD Requirements: *Customer First Name*				
N202	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				
		THD Requirements: *Customer Middle Initial if present*				

N3 Party Location

Pos: 0400	Max: 3
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 0500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

PER Administrative Communications Contact

Pos: 0600	Max: >1
Detail - Optional	
Loop: N1	Elements: 5

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		CodeList Summary (Total Codes: 238, Included: 1)				
		Code **Name**				
		NT Notification Contact				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		TE Telephone				
PER04	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		THD Requirements: *Customer Phone Number*				
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		AP Alternate Contact				
PER06	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		THD Requirements: *AP qualifier in PER 05 is used as an alternate contact number/address. It could be an e-mail address, fax number, or alternate phone number.*				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop Item Identification

Pos: 0900 **Repeat: >1**
Mandatory
Loop: LIN **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify basic item identification data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0900	LIN	Item Identification	M	1		Must use
1200	DTM	Date/Time Reference	O	>1		Used

LIN Item Identification

Pos: 0900	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 5

User Option (Usage): Must use
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		SN Serial Number				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
		THD Requirements: *Serial Number -- If no serial number is present - the field value will be "9"*				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		SW Stock Number				
LIN05	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements: *SKU*				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.

13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

DTM Date/Time Reference

Pos: 1200	Max: >1
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		CodeList Summary (Total Codes: 1277, Included: 1)				
		Code **Name**				
		321 Purchased				
DTM02	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *Purchase Date*				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

SE Transaction Set Trailer

Pos: 4700	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

THE HOME DEPOT

140 Warranty Example for The Home Depot – Example for Home Depot

ISA*00* *00* *(HOME DEPOT 2-DIGIT QUALIFIER)*(HOME DEPOT ISA ID) **(YOUR 2-DIGIT QUALIFIER)* (YOUR ISA I.D) *120622*2002*|*00601*000071432*0*P*>~
GS*WA**(HOME DEPOT GS ID)*(YOUR GS ID)*2002*115*X*004060~
ST*140*000008087~
BGN*00(TRANBSACTION PURPUSE CODE)*14020120622144217000 01(DOC TRACE ID)*20120622(DATE)~
N1*SE(ENTITY CODE)*HOME DEPOT(NAME)*92(QUALIFIER)*0105(STORE NUMBER)~
N3*3755 SHACKLEFORD RD(STREET ADDRESS)~
N4*DULUTH(CITY)*GA(STATE)*30096(POSTAL CODE)*US(COUNTRY CODE)~
LX*1(ASSIGNED NUMBER)~
N1*LW(ENTITY CODE)*COULTER_2006-01-01 12:19:17.765_R2(CUSTOMER LAST NAME)~
N2*CLAUD_2006-01-01 12:19:17.765_R2(CUSTOMER NAME)~
N3*1020 MUSSOORIE(STREET ADDRESS)~
N4*CLERMONT(CITY)*GA(STATE)*30527(POSTAL CODE)*US(COUNTRY CODE)~
PER*NT(CONTACT FUNCTION CODE)**TE*6780084479(COMMUNICATION NUMBER)*AP*7704338211(ALTERNATE CONTACT NUMBER)~
LIN**SN*REFRIGERATOR(SERIAL #)*SW*1000123456(SKU)~
DTM*321*20120613(PURCHASED DATE)~
SE*14*000008087~
GE*2*115~
IEA*1*000071432~

*Review THD's EDI Domestic 140 warranty Specifications or call your EDI contact for further clarification.

THE HOME DEPOT

EDI 753

Ready to Ship

753 Request for Routing Instructions

X12/V4060/753: 753 Request for Routing Instructions

753 Request for Routing Instructions

Functional Group=RF

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Request for Routing Instructions Transaction Set (753) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request routing instructions and provide general information about merchandise that is ready to be shipped.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BGN	Beginning Segment	M	1			Must use
0300	PER	Administrative Communications Contact	O	1			Must use
LOOP ID - 0100					**1**	**N1/0400L**	
0400	N1	Party Identification	M	1		N1/0400	Must use
0600	N3	Party Location	O	2			Must use
0700	N4	Geographic Location	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	LX	Transaction Set Line Number	M	1			Must use
LOOP ID - 0200					**9999**	**N2/0200L**	
0200	N1	Party Identification	M	1		N2/0200	Must use
0600	L11	Business Instructions and Reference Number	O	5			Used
0700	G62	Date/Time	O	2			Must use
LOOP ID - 0210					**>1**	**N2/0900L**	
0900	OID	Order Information Detail	M	1		N2/0900	Must use
1000	CMC	Commodity Classification	O	1			Used
1100	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/0400L One iteration of the N1 segment must be used to identify the ship-from location.
1/0400 One iteration of the N1 segment must be used to identify the ship-from location.
2/0200L One iteration of the N1 segment must be used to identify the ship-to location.
2/0200 One iteration of the N1 segment must be used to identify the ship-to location.

2/0900L The 0210 loop is used to specify the quantities ready to ship for each purchase order.
2/0900 The 0210 loop is used to specify the quantities ready to ship for each purchase order.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
		CodeList Summary (Total Codes: 7, Included: 1)				
		Code **Name**				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		CodeList Summary (Total Codes: 41, Included: 1)				
		Code **Name**				
		14 Duns Plus Suffix				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
		THD Requirements: *0722717110100*				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		CodeList Summary (Total Codes: 18, Included: 1)				
		Code **Name**				
		00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 260, Included: 1)				
		Code **Name**				
		RF Request for Routing Instructions (753)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T,				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		then other formats are allowed				

CodeList Summary (Total Codes: 50, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 316, Included: 1)				
		Code **Name**				
		753 Request for Routing Instructions				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BGN Beginning Segment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use
Purpose: To indicate the beginning of a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set **All valid standard codes are used. (Total Codes: 66)**				
BGN02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *Unique number assigned by the supplier*				
BGN03	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **THD Requirements:** *Transaction Date*				
BGN04	337	**Time**	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) **THD Requirements:** *Transaction Time (local time)*				
BGN06	127	**Reference Identification**	O	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *Supplier's Home Depot Assigned Accounts Payables Vendor #* *Send a fixed length value of 9 digits -- adding leading zeroes if necessary.* *For example: 000012345.*				

Syntax Rules:

1. C0504 - If BGN05 is present, then BGN04 is required.

Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.

PER Administrative Communications Contact

Pos: 0300 **Max: 1**
Heading - Optional
Loop: N/A **Elements: 8**

User Option (Usage): Must use
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		CodeList Summary (Total Codes: 238, Included: 1)				
		Code **Name**				
		IC Information Contact				
PER02	93	**Name**	O	AN	1/60	Must use
		Description: Free-form name				
		THD Requirements: *This is supplier's contact name*				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		TE Telephone				
PER04	364	**Communication Number**	X	AN	1/256	Must use
		Description: Complete communications number including country or area code when applicable				
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		EM Electronic Mail				
PER06	364	**Communication Number**	X	AN	1/256	Must use
		Description: Complete communications number including country or area code when applicable				
PER07	365	**Communication Number Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		FX Facsimile				
PER08	364	**Communication Number**	X	AN	1/256	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Complete communications number including country or area code when applicable				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop Party Identification

Pos: 0400 **Repeat: 1**
Mandatory
Loop: 0100 **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Party Identification	M	1		Must use
0600	N3	Party Location	O	2		Must use
0700	N4	Geographic Location	O	1		Must use

N1 Party Identification

Pos: 0400	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		SF Ship From				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Must use
		Description: Code identifying a party or other code				
		THD Requirements: *THD assigned merchandise vendor number*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 0600	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 0700	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

LX Transaction Set Line Number

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use
		Description: Number assigned for differentiation within a transaction set				
		THD Requirements: *A sequential number starting with one and increments for every occurence of the LX*				

Loop Party Identification

Pos: 0200 Repeat: 9999
Mandatory
Loop: 0200 Elements: N/A

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0200	N1	Party Identification	M	1		Must use
0600	L11	Business Instructions and Reference Number	O	5		Used
0700	G62	Date/Time	O	2		Must use
0900		Loop 0210	M		>1	Must use

N1 Party Identification

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 3

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		ST Ship To				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Must use
		Description: Code identifying a party or other code				
		THD Requirements: *Home Depot Ship To Location Number - store number, DC #, pool point location, etc*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

L11 Business Instructions and Reference Number

Pos: 0600	Max: 5
Detail - Optional	
Loop: 0200	Elements: 2

User Option (Usage): Used

Purpose: To specify instructions in this business relationship or a reference number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1101	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
L1102	128	**Reference Identification Qualifier**	X	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		RRC Routing Request Control Number				

Syntax Rules:

1. R0103 - At least one of L1101 or L1103 is required.
2. P0102 - If either L1101 or L1102 is present, then the other is required.

Semantics:

1. L1104 contains data relating to the qualifier cited in L1102.
2. L1105 indicates if the reference numbers included in this transmission were transmitted to the carrier in electronic format or key entered by the carrier. A "Y" indicates the carrier utilized the electronic shipper supplied reference information to create this document. A "N" indicates the carrier key entered the reference information from a shipper supplied document.

THD Requirements:

A unique routing request control number must be assigned for each ship to location. This number will be referenced in the response 754 document

G62 Date/Time

Pos: 0700	Max: 2
Detail - Optional	
Loop: 0200	Elements: 4

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Must use
		Description: Code specifying type of date				
		CodeList Summary (Total Codes: 139, Included: 1)				
		Code **Name**				
		RS Ready to Ship				
G6202	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
G6203	176	**Time Qualifier**	X	ID	1/2	Must use
		Description: Code specifying the reported time				
		CodeList Summary (Total Codes: 43, Included: 1)				
		Code **Name**				
		RS Ready to Ship				
G6204	337	**Time**	X	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

Loop Order Information Detail

Pos: 0900 Repeat: >1
Mandatory
Loop: 0210 Elements: N/A

User Option (Usage): Must use
Purpose: To specify order information detail

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0900	OID	Order Information Detail	M	1		Must use
1000	CMC	Commodity Classification	O	1		Used

OID Order Information Detail

Pos: 0900 **Max: 1**
Detail - Mandatory
Loop: 0210 **Elements: 10**

User Option (Usage): Must use
Purpose: To specify order information detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OID01	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *Supplier's Order ID #*				
OID02	324	**Purchase Order Number**	X	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser **THD Requirements:** *PO Number*				
OID03	127	**Reference Identification**	O	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *PO Line Number*				
OID04	211	**Packaging Form Code**	X	ID	3/3	Used
		Description: Code for packaging form of the lading quantity **All valid standard codes are used. (Total Codes: 135)**				
OID05	380	**Quantity**	X	R	1/15	Must use
		Description: Numeric value of quantity				
OID06	188	**Weight Unit Code**	X	ID	1/1	Must use
		Description: Code specifying the weight unit **CodeList Summary** (Total Codes: 8, Included: 1) **Code** **Name** L Pounds				
OID07	81	**Weight**	X	R	1/10	Must use
		Description: Numeric value of weight				
OID08	184	**Volume Unit Qualifier**	X	ID	1/1	Must use
		Description: Code identifying the volume unit **CodeList Summary** (Total Codes: 16, Included: 1) **Code** **Name** E Cubic Feet				
OID09	183	**Volume**	X	R	1/8	Must use
		Description: Value of volumetric measure				
OID11	127	**Reference Identification**	O	AN	1/50	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Four digit THD assigned Destination Store Number Located in the N1 OB loop in the original 850*				

Syntax Rules:

1. R0102 - At least one of OID01 or OID02 is required.
2. C0302 - If OID03 is present, then OID02 is required.
3. P0405 - If either OID04 or OID05 is present, then the other is required.
4. P0607 - If either OID06 or OID07 is present, then the other is required.
5. P0809 - If either OID08 or OID09 is present, then the other is required.

Semantics:

1. OID01 is the seller's order identification number.
2. OID03 is the number assigned by the consignee to further define the purchase order number.
3. OID11 specifies the sorting and/or segregating number for each receiving location (processing area).

CMC Commodity Classification

Pos: 1000	Max: 1
Detail - Optional	
Loop: 0210	Elements: 1

User Option (Usage): Used
Purpose: To specify freight commodity code and freight classification

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CMC01	22	**Commodity Code** **Description:** Code describing a commodity or group of commodities	O	AN	1/30	Used

Semantics:

1. CMC01 is the National Motor Freight Classification Commodity Code.
2. CMC02 is the Freight Class Code published in the National Motor Freight Classification.

SE Transaction Set Trailer

Pos: 1100	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

THE HOME DEPOT

US Version 4060 EDI Ready to Ship (753)

Example for The Home Depot

```
ISA*00*          *00*          *YOUR 2-DIGIT QUALIFIER*YOUR ISA
I.D.*14*0722717110100  *090923*0907*U*04060*000000056*0*P*:~

GS*RF*YOUR ISA ID*0722717110100*20090923*0907*45*X*004060~

ST*753*0002~

BGN*00*Your Unique ID*20090922*093154**Your P-Vendor#~

PER*IC*Contact Name*TE*Phone#*EM*E-mail ID*FX*Fax#~

N1*SF(Ship-From)*Ship-From Address*92*Shipping Facility ID~

N2*Street Address~

N4*City*State*Zip Code*Country~

LX*1~

N1*ST(Ship-To)**92*HD's Store/Facility/Pool-Point ID~

L11*Your Routing Request Control#*RRC~

G62*RS*Shipping Date*RS*Shipping Time~

OID*Your Order ID#*HD's PO#*PO Line#*PCS*Quantity*L*Weight*E*Volume**HD's
Ordering Store#~

SE*27*0002~

GE*3*45~

IEA*1*000000056~
```

THE HOME DEPOT

EDI 754

Routing Instructions

754 Routing Instructions

X12/V4060/754: 754 Routing Instructions

754 Routing Instructions

Functional Group=RG

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Routing Instructions Transaction Set (754) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to communicate routing instructions to a supplier for a specific shipment. It can be used also to respond to a Request for Routing Instructions Transaction Set (753).

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BGN	Beginning Segment	M	1			Must use
0300	PER	Administrative Communications Contact	O	5			Used
LOOP ID - 0100					**5**	**N1/0400L**	
0400	N1	Party Identification	M	1		N1/0400	Must use
0600	N3	Party Location	O	2			Used
0700	N4	Geographic Location	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0200					**9999**		
0100	LX	Transaction Set Line Number	M	1			Must use
0200	L11	Business Instructions and Reference Number	O	5			Used
0300	BLR	Transportation Carrier Identification	O	1			Used
0400	OID	Order Information Detail	O	>1			Used
0500	G62	Date/Time	O	2			Used
0600	MSI	Multi-stop Shipment Information	O	1			Used
LOOP ID - 0210					**25**		
0700	QTY	Quantity Information	O	1			Used
LOOP ID - 0220					**1**		
0900	N1	Party Identification	O	1			Used
1300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/0400L One iteration of the N1 segment must be used to identify the ship-from location.

1/0400 One iteration of the N1 segment must be used to identify the ship-from location.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
		CodeList Summary (Total Codes: 7, Included: 1)				
		Code **Name**				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		CodeList Summary (Total Codes: 41, Included: 1)				
		Code **Name**				
		14 Duns Plus Suffix				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
		THD Requirements: *0722717110100*				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		All valid standard codes are used. (Total Codes: 41)				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		CodeList Summary (Total Codes: 18, Included: 1)				
		Code **Name**				
		00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **CodeList Summary** (Total Codes: 260, Included: 1) **Code** **Name** RG Routing Instructions (754)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **CodeList Summary** (Total Codes: 2, Included: 1) **Code** **Name** X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T,	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		then other formats are allowed				

CodeList Summary (Total Codes: 50, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set **All valid standard codes are used. (Total Codes: 316)**				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BGN Beginning Segment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use
Purpose: To indicate the beginning of a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BGN01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **CodeList Summary** (Total Codes: 66, Included: 1) **Code** **Name** 00 Original	M	ID	2/2	Must use
BGN02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *THD assigned unique control number*	M	AN	1/50	Must use
BGN03	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **THD Requirements:** *Transaction Date*	M	DT	8/8	Must use
BGN04	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) **THD Requirements:** *Transaction Time (Eastern time)*	X	TM	4/8	Used
BGN06	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *Pickup Sequence* *For example: 1 of 1; 1 of 3; or 2 of 3; or 3 of 3*	O	AN	1/50	Used
BGN07	640	**Transaction Type Code** **Description:** Code specifying the type of transaction **CodeList Summary** (Total Codes: 532, Included: 1) **Code** **Name** RJ Response to Request for Routing Instructions	O	ID	2/2	Used

Syntax Rules:

1. C0504 - If BGN05 is present, then BGN04 is required.

Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.
4. BGN05 is the transaction set time qualifier.
5. BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

PER Administrative Communications Contact

Pos: 0300	Max: 5
Heading - Optional	
Loop: N/A	Elements: 8

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		CodeList Summary (Total Codes: 238, Included: 1)				
		Code **Name**				
		LG Logistics Contact				
PER02	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				
		THD Requirements: *Logistics Contact*				
		NOTE: Do not contact the EDI Production Support Hotline for 754 error message codes sent in the OID segment. Instead use the contact address listed in this PER segment.				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		UR Uniform Resource Locator (URL)				
PER04	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		THD Requirements: *Link to Home Depot Supplier Center Portal where your contact list is maintained*				
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		TE Telephone				
PER06	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
PER07	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				

CodeList Summary (Total Codes: 42, Included: 1)

Code	Name
FX	Facsimile

PER08	364	**Communication Number**	X	AN	1/256	Used

Description: Complete communications number including country or area code when applicable

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop Party Identification

Pos: 0400 **Repeat: 5**
Mandatory
Loop: 0100 **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Party Identification	M	1		Must use
0600	N3	Party Location	O	2		Used
0700	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 0400	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		SF Ship From				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Must use
		Description: Code identifying a party or other code				
		THD Requirements: *Home Depot assigned Merchadise Vendor Number*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 0600	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 0700	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Transaction Set Line Number

Pos: 0100 Repeat: 9999
Mandatory
Loop: 0200 Elements: N/A

User Option (Usage): Must use
Purpose: To reference a line number in a transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	LX	Transaction Set Line Number	M	1		Must use
0200	L11	Business Instructions and Reference Number	O	5		Used
0300	BLR	Transportation Carrier Identification	O	1		Used
0400	OID	Order Information Detail	O	>1		Used
0500	G62	Date/Time	O	2		Used
0600	MSI	Multi-stop Shipment Information	O	1		Used
0700		Loop 0210	O		25	Used
0900		Loop 0220	O		1	Used

LX Transaction Set Line Number

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 1

User Option (Usage): Must use
Purpose: To reference a line number in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use
		Description: Number assigned for differentiation within a transaction set				
		THD Requirements: *A sequential number starting with one and increments for every occurence of the LX*				

L11 Business Instructions and Reference Number

Pos: 0200	Max: 5
Detail - Optional	
Loop: 0200	Elements: 3

User Option (Usage): Used

Purpose: To specify instructions in this business relationship or a reference number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1101	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
L1102	128	**Reference Identification Qualifier**	X	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 2)				
		Code **Name**				
		PUA Pickup Appointment Number				
		RRC Routing Request Control Number				
		THD Requirements: *Used to identify the control number from the 753*				
L1103	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. R0103 - At least one of L1101 or L1103 is required.
2. P0102 - If either L1101 or L1102 is present, then the other is required.

Semantics:

1. L1104 contains data relating to the qualifier cited in L1102.
2. L1105 indicates if the reference numbers included in this transmission were transmitted to the carrier in electronic format or key entered by the carrier. A "Y" indicates the carrier utilized the electronic shipper supplied reference information to create this document. A "N" indicates the carrier key entered the reference information from a shipper supplied document.

BLR Transportation Carrier Identification

Pos: 0300	Max: 1
Detail - Optional	
Loop: 0200	Elements: 1

User Option (Usage): Used

Purpose: To transmit the identifying SCAC code and effective date and time for the data in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BLR01	140	**Standard Carrier Alpha Code**	M	ID	2/4	Must use
		Description: Standard Carrier Alpha Code				

Syntax Rules:

1. C0302 - If BLR03 is present, then BLR02 is required.

Semantics:

1. BLR02 is the effective date of the data in this transaction set.
2. BLR03 is the effective time of the data in this transaction set.

OID Order Information Detail

Pos: 0400 **Max: >1**
Detail - Optional
Loop: 0200 **Elements: 11**

User Option (Usage): Used
Purpose: To specify order information detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
OID01	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *Delivery Reference Number*				
OID02	324	**Purchase Order Number**	X	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
OID03	127	**Reference Identification**	O	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *THD assigned PO Line Item Number*				
OID04	211	**Packaging Form Code**	X	ID	3/3	Used
		Description: Code for packaging form of the lading quantity **CodeList Summary** (Total Codes: 135, Included: 1) **Code** **Name** PCS Pieces				
OID05	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
OID06	188	**Weight Unit Code**	X	ID	1/1	Used
		Description: Code specifying the weight unit **CodeList Summary** (Total Codes: 8, Included: 1) **Code** **Name** L Pounds				
OID07	81	**Weight**	X	R	1/10	Used
		Description: Numeric value of weight				
OID08	184	**Volume Unit Qualifier**	X	ID	1/1	Used
		Description: Code identifying the volume unit **CodeList Summary** (Total Codes: 16, Included: 1) **Code** **Name** E Cubic Feet				
OID09	183	**Volume**	X	R	1/8	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Value of volumetric measure				
OID10	647	**Application Error Condition Code**	O	ID	1/3	Used
		Description: Code indicating application error condition				
		CodeList Summary (Total Codes: 200, Included: 7)				
		Code **Name**				
		H Missing or Invalid Unit of Measure Code				
		W Outside Ship Window				
		MA Missing or Invalid Store Number				
		MB Missing or Invalid Purchase Order Number				
		MF Missing or Invalid Internal Vendor Number				
		107 Missing or Invalid Location				
		IQT Invalid Quantity				
OID11	127	**Reference Identification**	O	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Description of error condition*				

Syntax Rules:

1. R0102 - At least one of OID01 or OID02 is required.
2. C0302 - If OID03 is present, then OID02 is required.
3. P0405 - If either OID04 or OID05 is present, then the other is required.
4. P0607 - If either OID06 or OID07 is present, then the other is required.
5. P0809 - If either OID08 or OID09 is present, then the other is required.

Semantics:

1. OID01 is the seller's order identification number.
2. OID03 is the number assigned by the consignee to further define the purchase order number.
3. OID11 specifies the sorting and/or segregating number for each receiving location (processing area).

G62 Date/Time

Pos: 0500	Max: 2
Detail - Optional	
Loop: 0200	Elements: 4

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Must use
		Description: Code specifying type of date				
		CodeList Summary (Total Codes: 139, Included: 1)				
		Code **Name**				
		69 Scheduled Pickup Date				
G6202	373	**Date**	X	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
G6203	176	**Time Qualifier**	X	ID	1/2	Must use
		Description: Code specifying the reported time				
		CodeList Summary (Total Codes: 43, Included: 1)				
		Code **Name**				
		U Scheduled Pickup Time				
G6204	337	**Time**	X	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

MSI Multi-stop Shipment Information

Pos: 0600	Max: 1
Detail - Optional	
Loop: 0200	Elements: 2

User Option (Usage): Used

Purpose: To specify multi-stop shipment information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MSI01	1073	**Yes/No Condition or Response Code**	M	ID	1/1	Must use
		Description: Code indicating a Yes or No condition or response				
		CodeList Summary (Total Codes: 4, Included: 1)				
		Code **Name**				
		Y Yes				
MSI02	165	**Stop Sequence Number**	O	N0	1/3	Used
		Description: Identifying number for the specific stop and the sequence in which the stop is to be performed				

Semantics:

1. MSI01 identifies whether the shipment is a multi-stop shipment. A "Y" indicates the shipment is a multi-stop shipment; an "N" indicates the shipment is not a multi-stop shipment.

Comments:

1. When MSI01 contains code Y, MSI02 will contain the stop sequence number.

Loop Quantity Information

Pos: 0700 **Repeat: 25**
Optional
Loop: 0210 **Elements: N/A**

User Option (Usage): Used
Purpose: To specify quantity information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	QTY	Quantity Information	O	1		Used

QTY Quantity Information

Pos: 0700	Max: 1
Detail - Optional	
Loop: 0210	Elements: 2

User Option (Usage): Used
Purpose: To specify quantity information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Must use
		Description: Code specifying the type of quantity				
		CodeList Summary (Total Codes: 1110, Included: 1)				
		Code **Name**				
		YU Trailers				
QTY02	380	**Quantity**	X	R	1/15	Must use
		Description: Numeric value of quantity				
		THD Requirements: *Number of trailers a single PO will require*				

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

Loop Party Identification

Pos: 0900 **Repeat: 1**
Optional
Loop: 0220 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0900	N1	Party Identification	O	1		Used

N1 Party Identification

Pos: 0900	Max: 1
Detail - Optional	
Loop: 0220	Elements: 3

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		ST Ship To				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		THD Requirements: *N1-03 will be 92 followed by Ship to location*				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Must use
		Description: Code identifying a party or other code				
		THD Requirements: *Home Depot Ship To Location Number - store number, DC #, pool point location, etc*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

SE Transaction Set Trailer

Pos: 1300	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

THE HOME DEPOT

US Version 4060 EDI Routing Instructions (754)

Example for The Home Depot

ISA*00* *00* *14*0722717110100 *YOUR 2-DIGIT QUALIFIER*YOUR ISA I.D*090922*0459*³*00406*000112649*0*P*>~

GS*RG*0722717110100*YOUR ISA I.D*20090922*0459*22*X*004060~

ST*754*000544960~

BGN*00*HD's Shipment ID*20090921*16451621**Pickup (*Pick up Stop#*) of (*Total Number of Pick up Stops*)*RJ~

PER*LG*For Transportation assistance, your contact is linked below*UR*http://suppliercenter.com/contactpage.html~

N1*SF(Ship-From)*Ship-From Facility Name*92*Pickup Facility ID~

N3*Pick up Street Address~

N4*City*State*Zip Code*Country Code~

LX*1~

L11*Your Unique Routing Request Control#*RRC~

BLR*Carrier SCAC Code~

OID**HD's PO#*4 character PO line#*PCS*Quantity*L*Weight*E*Volume~

G62*69*Pickup Date*U*Pick up Time~

MSI(*Multi Stop Delivery Indicator*)*N(*Yes/No*)*Delivery Stop Sequence#~

N1*ST(Ship-To)**92*Ship-To Store/Pool-Point/Facility ID~

SE*16*000544960~

GE*2*22~

IEA*1*000112649~

THE HOME DEPOT

EDI 810

Invoice

810 Invoice

Version: 1.1 Draft

Company:
Modified: **10/17/2013**
Notes:

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810 Invoice

Functional Group=IN

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BIG	Beginning Segment for Invoice	M	1			Must use
0400	CUR	Currency	O	1			Must use
0500	REF	Reference Information	O	12			Must use
0500	REF	Reference Information	O	12			Must use
0500	REF	Reference Information	O	12			Must use
LOOP ID - N1					**200**		
0700	N1	Party Identification	O	1			Must use
0900	N3	Party Location	O	2			Used
1000	N4	Geographic Location	O	1			Used
LOOP ID - N1					**200**		
0700	N1	Party Identification	O	1			Must use
0900	N3	Party Location	O	2			Must use
1000	N4	Geographic Location	O	1			Must use
LOOP ID - N1					**200**		
0700	N1	Party Identification	O	1			Must use
0900	N3	Party Location	O	2			Used
1000	N4	Geographic Location	O	1			Used
LOOP ID - N1					**200**		
0700	N1	Party Identification	O	1			Must use
1100	REF	Reference Information	O	12			Must use
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Must use
1400	DTM	Date/Time Reference	O	10			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - IT1					**200000**		
0100	IT1	Baseline Item Data (Invoice)	O	1			Must use
LOOP ID - PID					**1000**		

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0600	PID	Product/Item Description	O	1			Must use
1000	PO4	Item Physical Details	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	TDS	Total Monetary Value Summary	M	1			Must use
0300	CAD	Carrier Details	O	1			Used
LOOP ID - SAC					**>1**		
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
LOOP ID - ISS					**>1**		
0600	ISS	Invoice Shipment Summary	O	1			Used
0700	CTT	Transaction Totals	O	1		N3/0700	Must use
0800	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0700 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash total of the quantities invoiced (IT102) for each IT1 segment.

The Home Depot Requirements:

Carpet Vendors will send 'CA Crpt Stewardship' in this field. This is a requirement.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **CodeList Summary** (Total Codes: 41, Included: 1) **Code** **Name** 14 Duns Plus Suffix				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **CodeList Summary** (Total Codes: 2, Included: 2) **Code** **Name** 0722717110100 US Production 072271711CAP Canadian Production				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **CodeList Summary** (Total Codes: 5, Included: 5) **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*				

		Code **Name**				
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **CodeList Summary** (Total Codes: 18, Included: 1) **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used. (Total Codes: 2)**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used. (Total Codes: 3)**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **CodeList Summary** (Total Codes: 262, Included: 1) **Code** **Name** IN Invoice Information (810)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **CodeList Summary** (Total Codes: 5, Included: 2) **Code** **Name** 072271711 US Production 072271711C Canada Production	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used. (Total Codes: 2)**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **CodeList Summary** (Total Codes: 49, Included: 1) **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	AN	1/12	Must use

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **CodeList Summary** (Total Codes: 316, Included: 1) **Code** **Name** 810 Invoice	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BIG Beginning Segment for Invoice

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIG01	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
BIG02	76	**Invoice Number** **Description:** Identifying number assigned by issuer **The Home Depot Requirements:** *The Home Depot accepts up to 9 digits.*	M	AN	1/22	Must use
BIG03	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Used
BIG04	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser	O	AN	1/22	Must use

Semantics:

1. BIG01 is the invoice issue date.
2. BIG03 is the date assigned by the purchaser to purchase order.
3. BIG10 is the consolidated invoice number associated with the invoice identified in BIG02. When BIG07 contains code CI (Consolidated Invoice), BIG02 will contain the consolidated invoice number and BIG10 is not used.

Comments:

1. BIG07 is used only to further define the type of invoice when needed.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **CodeList Summary** (Total Codes: 1494, Included: 1) **Code** **Name** SE Selling Party	M	ID	2/3	Must use
CUR02	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified	M	ID	3/3	Must use

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Information

Pos: 0500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **The Home Depot Requirements:** *The REF*VR is a required segment for The Home Depot Invoice Mapping. Invoices received without this segment will not be able to be processed and paid.* **CodeList Summary** (Total Codes: 1703, Included: 1) **Code** **Name** VR Vendor ID Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

The Home Depot Requirements:

*The REF*VR is a required segment for The Home Depot Invoice Mapping. Invoices received without this segment will not be able to be processed and paid.*

REF Reference Information

Pos: 0500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **The Home Depot Requirements:** *The REF*MR is a required segment for The Home Depot Invoice Mapping. Invoices received without this segment will not be able to be processed and paid.* **CodeList Summary** (Total Codes: 1703, Included: 1) **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

The Home Depot Requirements:

*The REF*MR is a required segment for The Home Depot Invoice Mapping. Invoices received without this segment will not be able to be processed and paid.*

REF Reference Information

Pos: 0500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **The Home Depot Requirements:** *The REF*GT segment is mandatory for Home Depot's Canadian Invoices when mapping GST Taxes. Not mapping this segment may result in the GST Tax not being paid.* **CodeList Summary** (Total Codes: 1703, Included: 4) **Code** **Name** BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice) GT Goods and Service Tax Registration Number IL Internal Order Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

The Home Depot Requirements:

*The REF*GT segment is mandatory for Home Depot's Canadian Invoices when mapping GST Taxes. Not mapping this segment may result in the GST Tax not being paid.*

Loop Party Identification

Pos: 0700 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	N1	Party Identification	O	1		Must use
0900	N3	Party Location	O	2		Used
1000	N4	Geographic Location	O	1		Used

The Home Depot Requirements:

*The N1*OB loop is required to be mapped with a valid 4 digit store number in the N104 element for the invoice to be processed and paid.*

N1 Party Identification

Pos: 0700 **Max: 1**
Heading - Optional
Loop: N1 **Elements: 4**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **CodeList Summary** (Total Codes: 1494, Included: 1) **Code** **Name** OB Ordered By	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **CodeList Summary** (Total Codes: 243, Included: 1) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code	X	AN	2/80	Must use

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

*The N1*OB loop is required to be mapped with a valid 4 digit store number in the N104 element for the invoice to be processed and paid.*

N3 Party Location

Pos: 0900	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 1000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Used
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Used
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Used

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Party Identification

Pos: 0700 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	N1	Party Identification	O	1		Must use
0900	N3	Party Location	O	2		Must use
1000	N4	Geographic Location	O	1		Must use

N1 Party Identification

Pos: 0700	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **CodeList Summary** (Total Codes: 1494, Included: 1) **Code** **Name** SH Shipper	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 0900	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 1000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Used
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Used
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Used

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Party Identification

Pos: 0700 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	N1	Party Identification	O	1		Must use
0900	N3	Party Location	O	2		Used
1000	N4	Geographic Location	O	1		Used

The Home Depot Requirements:

*For Special Order Invoices, the N1*ST loop should also be mapped.*

N1 Party Identification

Pos: 0700 **Max: 1**
Heading - Optional
Loop: N1 **Elements: 2**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **CodeList Summary** (Total Codes: 1494, Included: 1) **Code** **Name** ST Ship To	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

*For Special Order Invoices, the N1*ST loop should also be mapped.*

N3 Party Location

Pos: 0900	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 1000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Used
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Used
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Used

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Party Identification

Pos: 0700 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	N1	Party Identification	O	1		Must use
1100	REF	Reference Information	O	12		Must use

The Home Depot Requirements:

*The N1*CA loop should only be mapped when shipment is made via small package carrier such as UPS and FedEx.*

N1 Party Identification

Pos: 0700	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **CodeList Summary** (Total Codes: 1494, Included: 1) **Code** **Name** CA Carrier	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

*The N1*CA loop should only be mapped when shipment is made via small package carrier such as UPS and FedEx.*

REF Reference Information

Pos: 1100	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **CodeList Summary** (Total Codes: 1703, Included: 1) **Code** **Name** ZH Carrier Assigned Reference Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *This element should contain the UPS or FedEx Tracking number. Repeat this segment if more than 1 Tracking number exists.*	X	AN	1/50	Must use

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 6**

User Option (Usage): Must use
Purpose: To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD01	336	**Terms Type Code** **Description:** Code identifying type of payment terms **CodeList Summary** (Total Codes: 77, Included: 2) **Code** **Name** 01 Basic 09 Proximo	O	ID	2/2	Must use
ITD02	333	**Terms Basis Date Code** **Description:** Code identifying the beginning of the terms period **CodeList Summary** (Total Codes: 17, Included: 2) **Code** **Name** 2 Delivery Date 3 Invoice Date	O	ID	1/2	Must use
ITD03	338	**Terms Discount Percent** **Description:** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O	R	1/6	Used
ITD05	351	**Terms Discount Days Due** **Description:** Number of days in the terms discount period by which payment is due if terms discount is earned	X	N0	1/3	Used
ITD07	386	**Terms Net Days** **Description:** Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3	Must use
ITD13	765	**Day of Month** **Description:** The numeric value of the day of the month between 1 and the maximum day of the month being referenced	X	N0	1/2	Used

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.

3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

DTM Date/Time Reference

Pos: 1400	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **CodeList Summary** (Total Codes: 1277, Included: 1) **Code** **Name** 011 Shipped	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Must use

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Baseline Item Data (Invoice)

Pos: 0100 **Repeat: 200000**
Optional
Loop: IT1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	IT1	Baseline Item Data (Invoice)	O	1		Must use
0600		Loop PID	O		1000	Must use
1000	PO4	Item Physical Details	O	1		Used

IT1 Baseline Item Data (Invoice)

Pos: 0100 **Max: 1**
Detail - Optional
Loop: IT1 **Elements: 10**

User Option (Usage): Must use

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *The Line Number should be turned directly from the Purchase Order or Purchase Order Change. This number must match the PO line number for the same Item* **If you cannot use the same number from the PO, this field should not be populated.*	O	AN	1/20	Used
IT102	358	**Quantity Invoiced** **Description:** Number of units invoiced (supplier units)	X	R	1/15	Must use
IT103	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **The Home Depot Requirements:** *The Unit of Measure should be the same as the ordered Unit of Measure. Any differences will cause the invoice to reject.* **All valid standard codes are used. (Total Codes: 811)**	X	ID	2/2	Must use
IT104	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc.	X	R	1/17	Must use
IT106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 3) **Code** **Name** SK Stock Keeping Unit (SKU) UP UCC - 12	X	ID	2/2	Must use

		Code **Name** **Description:** *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)* VP Vendor's (Seller's) Part Number				
IT107	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use
IT108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 3) **Code** **Name** SK Stock Keeping Unit (SKU) UP UCC - 12 **Description:** *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)* VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
IT109	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use
IT110	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 3) **Code** **Name** SK Stock Keeping Unit (SKU) UP UCC - 12 **Description:** *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)* VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
IT111	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.
4. P1011 - If either IT110 or IT111 is present, then the other is required.
5. P1213 - If either IT112 or IT113 is present, then the other is required.

6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

Semantics:

1. IT101 is the line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop Product/Item Description

Pos: 0600 Repeat: 1000
Optional
Loop: PID Elements: N/A

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0600	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0600	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Must use

Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description **CodeList Summary** (Total Codes: 3, Included: 1) **Code** **Name** F Free-form	M	ID	1/1	Must use
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	X	AN	1/80	Must use

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PO4 Item Physical Details

Pos: 1000	Max: 1
Detail - Optional	
Loop: IT1	Elements: 3

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	**Pack** **Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer container	O	N0	1/6	Used
PO402	357	**Size** **Description:** Size of supplier units in pack	X	R	1/8	Used
PO403	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**	X	ID	2/2	Used

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".

2. P0413 defines the unit of measure for P0410, P0411, and P0412.

TDS Total Monetary Value Summary

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To specify the total invoice discounts and amounts

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TDS01	610	**Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Total amount of invoice including any SAC segments.*	M	N2	1/15	Must use

Semantics:

1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
2. TDS02 indicates the amount upon which the terms discount amount is calculated.
3. TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
4. TDS04 indicates the total amount of terms discount.

Comments:

1. TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

The Home Depot Requirements:

The TDS01 must include any SAC charges or allowances mapped on the invoice.

CAD Carrier Details

Pos: 0300	Max: 1
Summary - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To specify transportation details for the transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CAD01	91	**Transportation Method/Type Code** **Description:** Code specifying the method or type of transportation for the shipment **CodeList Summary** (Total Codes: 80, Included: 1) **Code** **Name** ZZ Mutually defined	M	ID	1/2	Must use
CAD04	140	**Standard Carrier Alpha Code** **Description:** Standard Carrier Alpha Code	X	ID	2/4	Must use
CAD05	387	**Routing** **Description:** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X	AN	1/35	Must use
CAD06	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **CodeList Summary** (Total Codes: 102, Included: 1) **Code** **Name** CC Shipment Complete on (Date)	O	ID	2/2	Must use
CAD07	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **CodeList Summary** (Total Codes: 1703, Included: 1) **Code** **Name** BM Bill of Lading Number	O	ID	2/3	Used
CAD08	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used

Syntax Rules:

1. R0504- At least one of CAD05 or CAD04 is required.
2. C0708- If CAD07 is present, then CAD08 is required.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 0400 **Repeat: >1**
Optional
Loop: SAC **Elements: N/A**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 0400 **Max: 1**
Summary - Optional
Loop: SAC **Elements: 4**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified **CodeList Summary** (Total Codes: 7, Included: 2) **Code** **Name** A Allowance C Charge	M	ID	1/1	Must use
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge **CodeList Summary** (Total Codes: 1088, Included: 1088)	X	ID	4/4	Must use

Code **Name**

A010 Absolute Minimum Charge
A020 Access Charge - Federal
A030 Access Charge - State
A040 Access Charges
A050 Account Number Correction Charge
A060 Acid (Battery)
A070 Acknowledgment of Delivery Fee (AOD)
A080 Activation of Carnet
A090 Ad Valorem
A100 Add on - Destination
A110 Add on - Origin
A112 Add to Make Market Value A120
Additional Copies of Freight Bill
A121 Additional Commercial Invoices
A122 Additional Tariff Classifications
A130 Additional Material
A140 Address Correction
A150 Adjustment for Maximum Charges Billing
A160 Adjustment for Minimum Average Time Requirement Billing
A170 Adjustments

Code	Name
A172	Administrative
A180	Advance Charges Handling
A190	Advance Destination Amount
A200	Advance Destination Fee
A210	Advance Fee
A220	Advance Lading Charge
A230	Advance Origin Amount
A240	Advance Origin Fee
A250	Advances
A260	Advertising Allowance
A270	Affidavit
A280	Agent Disbursement - Destination
A290	Agent Disbursement - Origin
A300	Air Export Certificate
A310	Air Express Charge
A320	Air Transportation Charge
A330	Aircraft On Ground (AOG)
A340	Airline Opening Fee
A350	Airport Terminal Handling Charge A360
	Alcoholic Beverage Report Charge
A370	Allegheny County, PA Delivery Charge
A380	Allowance Advance
A390	Allowance for Consignment Merchandise
A400	Allowance Non-performance
A410	"Alterations"
A420	Amending Export Documentation
A430	Anneal/Heat (Steel or Glass Treatment)
A440	Anodizing Charge
A445	Anti-dumping Duty
A450	Appointment (Notification)
A460	Arbitrary (In Addition to Through Rates and Charges)
A470	Art Work
A480	Assembly
A485	Assist Amount
A490	Attachments to Bill of Lading Charge
A500	Bad Debt
A510	Banking Drafts
A520	Base Charge
A530	Basic Reorder Allowance
A540	Beaming Charge
A550	Bedding/Feeding/Disinfecting
A555	Beef Fee
A560	Beyond Charge
A570	Beyond Freight Charges
A580	Bill and Hold
A590	Bill of Lading Attendancy
A600	Bill of Lading Charge

Code	Name
A610	Billed Demand
A620	Black Lung Tax
A630	Blocking and Bracing Charge
A640	Blower Charge
A650	Bobtail Charges
A658	Bond Amount
A660	Bond Charge
A670	Bordeaux Arbitraries
A680	Both-Flat
A690	Break Bulk Surface Charge
A691	Breakbulk Services
A700	Bridge Toll
A710	Broken Lot
A720	Broken Package Charge
A721	Brokerage
A730	Brokerage or Duty
A740	Bunker Surcharge
A750	Burning
A760	Buyer Hand Carry
A770	Buyers Car Allowance
A780	Cable Pressurization
A790	Cables (sending of)
A800	Call Tag
A810	Camp Arbitrary
A820	Canada Great Lakes Additionals
A830	Canadian C.Q.Customs Clearance
A840	Canadian Currency Exchange
A850	Canadian Import Termination Fee
A860	Canadian Reconsignment Fee
A870	Canadian Remanifest Fee
A880	Cancellation Charge
A890	Cancelled Order, Heavy Duty Flatcar
A900	Capping
A910	Car Loading
A920	Car Rental
A930	Carrier Credit Allowance
A940	Carrier Debit Allowance
A950	Carrier Notification Charge
A960	Carrier
A970	Cartage Charge
A980	Cartage
A990	Cataloging Services
ADOW	Payroll Additives, Overtime Labor
ADRW	Payroll Additives, Straight Time Labor
AFEE	Fee
	Description: *Percentage or fixed fee an organization charges for services*
ALPT	Port Changes

Code	Name
B000	Central Buy
B010	Cents Off
B015	Bop Sheet
	Description: *A cardboard pallet*
B020	Certificate of Conformance
B030	Certificate of Origin
B040	Certificate of Registration
B050	Certification
B060	Chain and Binders
B070	Chamber of Commerce Service Charge
B080	Change of Airbill - Service Fee
B090	Charges Forward/Advance Charge
B091	Charter Services
B100	Chassis Transfer
B110	Chemical Milling Charge
B120	Chicago Loop Charge
B130	Cigarette Stamping
B140	City Delivery
B150	City maintenance fee
B160	City Pickup
B170	City Terminal Charge
B180	Cleaning Charge
B190	Closing & Sealing
B200	Co-manufacturing Discount
B210	Co-op Credit
B220	Coating (Dip, Rustproof, EDP)
B230	COD Amount
B240	COD Charges
B250	Collect on Delivery Alteration Charge
B260	Collect on Delivery Deletion Charge
B270	Collect Surcharge
B280	Combination Performance and Non-performance
B290	Combination
B300	Combine All Same Day Shipment
B310	Commission Amount B320
	Competitive Allowance
B330	Competitive Car Allowance
B340	Competitive Price
B350	Compressor Charge
B360	Concession Credit
B370	Concession Money
B380	Congestion Surcharge
B390	Connect Charge
B400	Conservation research fee
B500	Consignee Unload
B510	Consolidation
B520	Constant Surveillance Service - Armed

Code	Name
B530	Constant Surveillance Service
B540	Consular Legalization Service
B550	Consularization Fee
B551	Consulting Service
B555	Consumer Service Provider Charge
B560	Container Allowance
B570	Container Deposits
B580	Container Destuffing
B581	Container Discount
B590	Container Leasing
B600	Container Service Charge UK/EUR
B610	Container Service Charge USA/Canada
B620	Container Stuffing
B630	Container/Trailer Allowance
B650	Continuous Mileage
B660	Contract Allowance
B670	Contract Escalation
B680	Contract Service Charge
B690	Controlled Atmosphere
B700	Converting
B720	Cooperative Advertising/Merchandising Allowance (Performance)
B730	Copy of Bill of Lading Charge
B740	Copy of Delivery Receipt Charge
B742	Copying
B750	Core Charge
B760	Cost Recovery Factor
B770	Cost recovery/adjustment
B775	Cotton Fee
B780	Count and Recount
B785	Coupon Reimbursement
B787	Countervailing Duty
B790	Crafting
B791	Crating
B800	Credit
B801	Credit Card Processing Fee
B802	Credit Card Processing Fee - Automated Dial-up Line
B803	Credit Card Processing Fee - Leased Line
B804	Credit Card Processing Fee - Fleet Cards
B810	Currency Adjustment Factor
B820	Currency Adjustment
B830	Currency Discount
B840	Customer Account Identification
B850	Customer Equipment Allowance
B860	Customs Broker Fee
B870	Customs Charge
B872	Customs Duty
B880	Customs Entry

Code	Name
B881	Customs Exam
B890	Customs Formalities
B900	Customs Invoice - Additional Page
B910	Customs Invoice
B911	Customs Penalty
B920	Cut and Parallel
B930	Cut
B940	Cutting Charge
B950	Damaged Merchandise
B960	Data/Drawing Charge
B970	De-Installation
B980	Deadhead Mileage Charge
B990	Deaf and Disabled Surcharge
B992	Declared Value for Carriage
B994	Declared Value for Customs
B996	Declared Value for Insurance
B998	Deduct to Make Market Value
BU2T	Bunker Adjustment - 20 Foot Container
BU4T	Bunker Adjustment - 40 Foot Container
BUAT	Bunker Adjustment
BURD	Burden, Overhead, or Allowance for Indirect Costs
C000	Defective Allowance
C010	Deficit Freight
C020	Delay Furnishing Destination Weights
C030	Delivery Surcharge
C040	Delivery
C050	Demand charge
C060	Demurrage - Average Agreement
C070	Demurrage - Special
C080	Demurrage
C090	Deposit Charges
C100	Deposit in Lieu of Order
C110	Deposit C120
	Deramping
C130	Derrick Charge
C140	Designated Supplier Inspection
C150	Destination Charge
C160	Detention - Special Type Flat Car
C170	Detention Loading
C180	Detention of Power Units
C190	Detention of Trailers
C200	Detention Unloading
C210	Determined Freight
C220	Development Charge
C230	Die Service Charge
C231	Disbursement
C240	Disconnect Charge

Code	Name
C250	Discount - Drop Box/Convenience Ctr.
C260	Discount - Incentive
C270	Discount - Multiple Shipment
C280	Discount - Service Option (Delivery)
C290	Discount - Service Option (Pickup)
C300	Discount - Special
C310	Discount
C320	Display Allowance
C330	Distribution Fee
C340	Distribution Service
C350	Distributor Discount/Allowance
C360	Diversion and Reconsignment
C370	Diversion Charge
C380	Diversion to Air Charge
C390	Dockage - Boat Detention
C400	Documentation Charge
C401	Document Handling
C402	Door-to-Door
C410	Dowel Pin Charge
C420	Drayage
C430	Drayage/Line Haul
C440	Driver Assisted Unloading
C450	Driver's Wages
C460	Drop Dock
C470	Drop Yard
C480	Drum Cost
C490	Drum Deposit
C500	Drum Up Charge
C510	Dry Ice
C520	Dryer Charge
C530	Duty Charge
C531	Duty Drawback
C540	Early Buy Allowance
C550	Early Payment Allowance
C560	Early Ship Allowance
C570	Emergency Port Charge
C580	Emergency Service
C590	Emergency Surcharge
C600	Empty Weighing Charge
C610	Enclosure
C630	Endorsement Fee
C640	Energy charge
C650	Energy Surcharge (Fuel Adjustment Factor)
C660	Engineering Charge
C670	Engraving
C675	Entered Value
C680	Environmental Protection Service

Code	Name C690
	Escalation
C700	Escort Service
C710	Eur1 Presentation Fee
C720	European Port Charges
C730	Excess Mileage Charge
C740	Excess Periods
C750	Excess Value Fee
C760	Excess Weight
C770	Excessive Value Charge
C780	Exchange Access Credit
C790	Exclusive Use Of Equipment
C800	Exclusive Use
C810	Exhibition Delivery Charge
C820	Exhibition Pickup Charge
C830	Expanded Service
C840	Expedited One Day Consular Service
C850	Expedited Service Charge
C860	Expedited Shipments
C870	Expediting Fee
C880	Expediting Premium
C890	Export Customs Clearance
C900	Export Declarations - Automated
C910	Export Declarations - U.S. Shippers
C920	Export License Application
C930	Export Shipping Charge
C940	Export/Import Charge
C950	Extra Copies and Mailings
C960	Extra Labor (Helper Service)
C970	Extra Length
C980	Extra Service - Counter-to-Counter
C990	Fabrication Charge
CA2T	Currency Adjustment - 20 Foot Container
CA4T	Currency Adjustment - 40 Foot Container
CFCT	Customs Fees - Container Level
CFLT	Customs Fees - Lift Level
CGTT	Cargo Taxes
CLDT	Container Loss/Damage
COMM	Communications Charges
CRLT	Container Lease
CUFT	Currency Adjustment - Break Bulk
D000	Facsimile Charges - Additional Pages
D010	Facsimile Charges
D015	Dunnage
	Description: *Loose materials used around a cargo to prevent damage or padding in a shipping container to protect contents against breakage*
D020	Failed Lamp Panel Charge
D025	Fax Pre-alert

Code	Name
D030	Federal Transfer Surcharge
D040	Finance Charge
D050	First Article Charge
D060	First Flight Out
D070	Flat Rate
D080	Floor Stock Protection
D100	Food and Lodging
D101	Foreign Office Advance
D103	Foreign Customs Duty
D110	Foreign Military Sales (FMS) Rental
D120	Foreign Military Sales (FMS) Special Charge
D130	Forwarding Agent Commission
D140	Forwarding Charge
D141	Forward Coupons
D142	Capture Additional Data
D143	Provide Name and Address
D144	Provide Household Identifier
D150	Franchise fee
D160	Free Domicile Shipment Processing
D170	Free Goods
D180	Freight Based on Dollar Minimum
D190	Freight Charges to Border
D200	Freight Charges to Destination
D210	Freight Equalization
D220	Freight Passthrough
D230	Freight Surcharge
D240	Freight
D242	Freight, International
D244	Freight, International, U.S. Dollars
D246	Freight, International, Non-U.S. Dollars
D250	Freshness/Leaker Allowance
D260	Fuel Charge
D270	Fuel Surcharge
D280	Full Service
D290	Full Truckload Allowance
D292	Fumigation
D300	Garment District
D301	Gateway Fee
D310	Gas Pressure
D320	Glaze
D330	Gold Factor
D340	Goods and Services Charge
D350	Goods and Services Credit Allowance
D360	Goods and Services Tax Charge
	The Home Depot Requirements:
	Canadian Only
D370	Government Inspection

Code	Name
D380	Government Warehouse Fee - Destination
D390	Government Warehouse Fee - Origin
D400	Grain Doors
D410	Grain Flow Charge
D420	Grinding
D430	Gross Receipts Surcharge
D440	Groupage Discount
D450	Grouped Items **Description:** *Indicates the pricing for this line is related to the pricing of some other item either in this transaction or some prior transaction(s)*
D460	Guaranteed Inspection Technical Service
D470	Gulf Port Delivery Charge
D480	Handling Charges on Distribution Freight Forwarded Beyond
D490	Handling Freight At Positions Not Immediately Adjacent To Vehicle Charge
D500	Handling
D501	Harbor Maintenance Report
D502	Harbor Maintenance Fee
D510	Hauling and Hoisting to be Direct Billed
D520	Hauling and Hoisting
D530	Hazardous Cargo Charge
D540	Hazardous Materials Handling Fee - Domestic
D550	Hazardous Materials Handling Fee - International
D560	Hazardous Storage
D570	Heat in Transit Charges
D580	Heat Treat Charge
D590	Heavy Duty Flat Car Charge
D600	Heavy Lift
D610	High Security Red In-bond Seal Charge
D620	Highway Interchange
D630	Hointins and Hauling
D640	Holding Charge
D650	Home Line Freight Charge
D655	Honey Fee
D660	Hook-up charge
D670	Hose Charge Special
D680	Hose Charge
D690	Household Goods Pickup or Delivery
D700	IATA Airbill Preparation
D701	International Air Transport Association (IATA) Commission
D710	IATA Fee
D711	International Air Transport Association (IATA) Markup
D720	Identification
D730	Import Service Fee
D740	In Transit Price Protection
D750	Inbound Freight Charges
D760	Income Freight (Manufacturing to Shipping Point)
D770	Incorrect Billing Account Charge

Code	Name
D780	Industry Price Allowance
D790	Initial License Fee D800
	Inland Transportation
D810	Inside Cable Connectors
D820	Inside Delivery
D830	Inside Pickup
D840	Inspect at Destination
D850	Inspect at Origin
D870	Inspection
D880	Installation & Warranty
D890	Installation and Training
D900	Installation
D910	Insulated Tank Charge
D920	Insurance Fee
D930	Insurance Placement Cost Charge
D940	Insurance Premium
D950	Insurance Provided by Lessee
D960	Insurance Provided by Lessor
D970	Insurance Surcharge
D980	Insurance
D990	Interdivision Profit
D995	Interest Amount
DCET	Damage to Carrier Equipment
DCVT	Damage to Carrier Vessel
DDZT	Drayage at Port of Debarkation (Rate Zone)
DEZT	Drayage at Port of Embarkation (Rate Zone)
DFDT	Keep From Freezing Percent Differential
DGET	Damage to Government Equipment
DOVT	Container Diversion
DPDT	Drayage at Port of Debarkation
DPET	Drayage at Port of Embarkation
E000	Interest on refund
E010	Interest on Security Deposit
E020	Interim Use Permitted at Special Rate
E022	International Courier
E030	International Door-to-Door Handling Fee
E040	Interplant Charge
E050	Interstate/Highway Toll
E060	Intra-plant Charge
E063	Invoice Additional Amount
E065	Invoice Adjustment
E067	Invoice At-Cost Amount
E068	Invoice Delivery Terms Amount
E069	Invoice No-Charge Amount
E070	Invoice Services
E080	Invoice with Goods
E090	Irish Arbitraries

Code	Name
E100	Island Delivery Charge
E110	Island Pickup Charge
E120	Italian Release Charge
E130	Item Percentage
E140	Item-Unit
E150	Koshering
E160	Label Allowance
E170	Labeling
E180	Labor (Repair and Return Orders)
E190	Labor Charges
E191	Labor, Straight-time
E192	Labor, Overtime
E193	Labor, Premium Overtime
E200	Labor Cost of Removal
E210	Labor Service
E220	Labor, Modify
E230	Labor, No Trouble Found
E240	Labor, Test and Calibrate
E250	Lading Adjustment Charge
E260	Lashing
E270	Late Order Charge
E280	Late Payment Charge
E290	Layout/Design
E300	Layover Charges
E310	Lead Factor
E320	Leaking Underground Storage Tax (LUST)
E330	Lease Shortfall Consideration
E340	Less Than Truckload (LTL) Charge
E350	Letter of Credit Processing
E360	License and Title
E370	Lifeline Surcharge
E380	Lift Gate (Truck) or Forklift Service at Pickup/Delivery
E381	Lime Fee
E382	Liquidation Anti-Dumping Duty
E384	Liquidation Countervailing Duty
E386	Liquidation Tax Amount
E388	Liquidation Total Due U.S. Customs Service (USCS)
E389	Liquidation Total Fees
E390	Load Weighing Charge
E400	Loading (Labor Charges)
E410	Loading
E420	Loan Fee
E430	Local Delivery/Drayage
E440	Locomotive Delayed in Switching Service
E450	Locomotive Under Own Power
E460	Lot Charge
E470	Lump Sum

Code	Name
E480	Machining Charge
E485	Mail Fee
E490	Mail Invoice to Each Location
E500	Mail Invoice
E510	Mailing - Postage Cost
E520	Mailing - Service Fee
E530	Manifest Charge
E540	Manufacturing
E550	Market Development Funds
E560	Marking or Tagging Charge
E565	Markdown Allowance
E570	Marriage Rule
E580	Memo Returnable Container
E585	Merchandise Processing Fee
E590	Message Charge
E600	Message Rate Adjustment
E610	Messenger Service
E620	Metals Surcharge
E630	Meter Charge
E640	Mileage Fee (For Repair and Return)
E650	Mileage or Travel
E660	Monthly Rental
E670	Mount/Demount
E680	Mounting
E690	Municipal Surcharge
E695	Mushroom Fee
E700	N.H.D. Wharfage
E710	New Discount
E720	New Distribution Allowance
E730	New Item Allowance
E740	New Store Allowance
E750	New Store Discount
E760	New Warehouse Discount
E770	New Warehouse
E780	New York Delivery Charge
E790	New York Pickup Charge
E800	No Return Credit Allowance
E805	Non-Dutiable Charges
E810	Non Generated Freight
E820	Non-returnable Containers
E830	Normal Pump Charge
E840	Notarized Affidavit
E850	Notify Consignee Before Delivery
E860	Notify Consignee
E870	Nozzle Charge
E880	Ocean Charges - Hazardous
E890	Ocean Freight

Code	Name
E900	Offshore - Alaska/Hawaii
E910	On Carriage
E920	On Hand Service
E930	One - Day Service
E940	One Time Engineering Charge
E950	One-Time License Fee
E960	One-Time-Only Charge
E970	Onetime Tooling
E980	Operator Credit
E990	Option Charge (Color Fabric Office Furniture)
ENGA	Engineering Supplies
EXLT	Extra Length Surcharge
F000	Optional Charge
F010	Optional Software Support for Operational Support Systems
F020	Optional Software Support for Switching Systems
F030	Order Notify Charge
F040	Order-Flat
F050	Other (See related description)
F060	Other Accessorial Service Charge
F061	Other Advances
F062	Other Export Charges
F063	Other Government Agency Declaration
F065	Other Government Agency Exam
F067	Other Import Charge
F070	Out of Route Miles
F080	Out of Zone Pickup or Delivery
F090	Outside Cable Connectors
F100	Over Dimension
F110	Overrun Charge
F120	Oversized Premium
F130	Overtime Loading
F140	Pack Invoice with Shipment
F150	Packaging Service
F155	Packaging
F160	Painting (Primer or Finish)
F170	Pallet Exchange Charge
F180	Pallet
F190	Palletizing
F200	Paralleling
F210	Parish/County Sales Tax (only)
F220	Passing Shippers Export Entry
F225	Pecan Fee
F230	Penalty Charge
F240	Per Item Charge
F250	Per Order Charge
F260	Per Pound Charge
F270	Percent of Product

Code	Name
F271	Percent of Shipped Quantity that is Returnable
F272	Percent of Shipment Value that is Returnable
F280	Performance Allowance
F290	Performance Award
F300	Permit Charge
F310	Permits Bonds Escort Attendant
F320	Phosphatizing (Steel Treatment)
F330	Pickup and Delivery
F340	Pick/Up
F350	Pickle and Oil
F360	Pickup - Out of Area
F370	Pickup Surcharge
F380	Pier Charges - Wharfage
F390	Pier Charges Other Than Wharfage
F400	Pier Pickup and/or Delivery
F401	Pier Unloading
F410	Pilot Inspection
F420	Placement and/or Removal Charge
F430	Plating
F440	Pole, Wood-service Charge
F445	Pork Fee
F450	Positioning at Origin
F460	Postage
F465	Potato Fee
F470	Power Factor Adjustment
F480	Pre-carriage Excess
F490	Pre-carriage
F500	Pre-Positioned Inventory Service
F510	Precious Metal Content
F520	Preloading Charge
F530	Prelodge Charge
F540	Premise Use
F550	Premium Charge
F560	Premium Transportation
F570	Prepaid Usage Allowance
F580	Preparation and Delivery
F590	Preparation of Air Waybill - Origin
F600	Preparation of Canadian Customs Invoice
F610	Preparation of Commercial Invoice
F620	Preparation of Export Entry
F630	Preparation of Insurance Certificate
F640	Preparation of U.S. Export Documentation
F650	Preparation
F660	Previous Billing
F670	Price and Marketing Allowance
F680	Price Deviation
F690	Prior Balance

Code	Name
F700	Prior Billing Amount
F710	Prior Delivery Of Bill Charge
F720	Prior Month Credit
F730	Priority Service
F740	Process in Transit Privilege
F750	Processing Charge
F760	Processing
F765	Procurement Charge
F770	Professional Fees
F780	Proforma Invoice
F790	Progress Payment Requirement
F800	Promotional Allowance
F810	Promotional Discount
F820	Proof & Composition
F830	Proof of Delivery
F840	Protective Service - Cold
F850	Protective Service - Heat
F860	Protective Service Charge
F870	Pulling Eyes
F880	Pump Air Charge
F890	Pump Charge
F900	Purchase Option
F910	Quantity Discount
F920	Quantity Surcharge
F930	Equipment Manufacturer Restoration Audit
F940	Ramping
F950	Rate Code
F955	Rate Reduction Bond
F960	Re-Bill Charge
F970	Rebate
F980	Rebilled Drayage - Destination
F990	Rebilled Drayage - Origin
F991	Receiving
FAKT	Barge Freight All Kinds Service
FLST	Flatrack Surcharge
	The Home Depot Requirements: *Canadian Only*
G000	Recipient Address Correction
G010	Reclamation, Federal
G020	Reclamation, State
G025	Reconciliation
G030	Reconnect charge
G040	Reconsign Consignee Charge
G050	Reconsign Delivery Charge
G060	Reconsignment Charge
G070	Recoopering (at Owner's or Shipper's Expense)
G080	Record/Filing

Code	Name
G090	Recovery Fee
	The Home Depot Requirements:
	Carpet Assessment Code
G100	Recovery
G110	Recrating/Recoopering - Destination
G120	Recrating/Recoopering - Origin
G130	Recurring Hardware Maintenance Charge
G140	Recurring License Fee
G150	Recurring Software Maintenance Charge
G160	Redelivery
G170	Redistribution Allowance
G180	Reduction Prepalletized Cargo
G190	Reel Cable
G200	Reel Deposit
G210	Reel
G220	Refrigeration
G230	Refrigeration/Mechanical Detention
G240	Refund
G250	Refurbishing Charge
G260	Regain
G270	Registration of Export for Reentry
G280	Registration of Export Shipments
G290	Regulatory Fee
G300	Regulatory required refund
G310	Reliability Charge
G320	Relinquishment Charge
G322	Reliquidation Anti-Dumping Duty
G324	Reliquidation Countervailing Duty
G326	Reliquidation Tax Amount
G328	Reliquidation Total Due U.S. Customs Service (USCS)
G329	Reliquidation Total Fees
G330	Rental Charge
G340	Rental Deduction
G350	Rents and Leases
G360	Repack Charge
G370	Repair at Buyers Expense Charge G380
	Repair at Customer Expense Charge
G390	Repair at Government Expense Charge
G400	Repair
G410	Repickup
G420	Request Via Canada
G430	Research & Development Fee
G440	Resellers Discount
G450	Residential Delivery
G460	Residential Pickup
G470	Restocking Charge
G480	Restricted Article Fee

Code	Name
G490	Retainer
G500	Return Cargo Charge
G510	Returnable Container
G520	Returned Load
G530	Rework
G540	Riding Attendant Charge
G550	Rocky Mountain Bureau 583 Item 1100 Arbitrary Charge
G560	Roll Out Adjustment
G570	Roll Rebate
G580	Royalties
G590	Salvage
G600	Same - Day Service
G610	Saturday Delivery
G620	Saturday Pickup or Delivery Charge
G630	Saturday Pickup
G640	Scale Charge Unloading
G650	Scale Charge
G660	Scrap Allowance
G670	Security Signature Service
G680	Segregating (Sorting)
G690	Select Charge
G700	Self Unloader
G710	Seller Hand Carry
G720	Service Assistance Program Surcharge
G730	Service Charge (with Cash Discount)
G740	Service Charge
G750	Service Upgrade
G760	Set-up
G770	Shearing
G775	Sheep Fee
G780	Ship to Stock Quality Audit
G790	Shipper Load and Count
G800	Shipper Load Carrier Count
G810	Shipper Load Consignee Unload
G820	Shipper Load
G821	Shipping
G830	Shipping and Handling
G840	Shipside Pickup
G850	Shotblasting
G860	Shrink Allowance
G870	Shrink-Wrap Charge
G880	Shrinkage Allowance
G890	Single Invoice Allowance
G900	Single Pickup
G910	Single Shipment Fee
G920	Sleeving
G930	Slip Sheet Unloading Allowance

Code	Name
G940	Slip Sheet, Rail
G950	Slip Sheet, Truck
G960	Slotting Allowance
G970	Small Order Charge
G980	Software Support Service
G990	Source Inspection
GMST	Garment Surcharge
H000	Special Allowance
H010	Special Buy
H020	Special Circus Trains
H030	Special Credit
H040	Special Delivery
H050	Special Detention Charge
H060	Special Equipment Charge
H070	Special Finish Charge
H080	Special Freight Supplements
H090	Special Handling
H100	Special Mileage Movements
H110	Special Packaging
H120	Special Permits
H130	Special Pickup
H140	Special Pump Charge
H150	Special Seal Charge
H151	Special Services
H160	Special Test Equipment Charge
H170	Special Tooling Charge
H180	Special Tooling rework charge
H190	Special Train Movement
H200	Special Use
H210	Special Vehicle Rent
H215	Specific Duty
H220	Specification Review
H230	Split Delivery
H240	Split Pickup at Pier Charge
H250	Split Pickup H260
	Spool Charge
H270	Spotting of Trailer
H280	Spreader Charge
H290	Stamp Fee
H300	Stamping
H310	Standby Charge
H320	State Motor Fuel
H330	State Sales Charge
H340	State Surcharge
H350	State/Metropolitan Transit Authority Surcharge
H360	Steaming Charge
H370	Stenciling Charge

Code	Name
H380	Stop-off at Pier Charge
H390	Stop-off Charge
H400	Stopcharge
H410	Stopping in Transit
H420	Storage in Transit
H430	Storage
H440	Straightening Charge
H450	Strapping
H460	Street lamps charge
H470	Stripping, Sorting, and Consolidation
H480	Subject to Cooperative Advertising Allowance
H490	Subject To Tax On Resale
H500	Sufferance Warehouse Charge (Export or Import)
H505	Sugar Fee
H507	Sum of Adds and Deducts to Make Market Value
H510	Sunday or Holiday Pickup or Delivery
H520	Super Bag Charge
H530	Supervisor Charge
H535	Supplemental Duty
H540	Supplemental Items
H550	Surcharge
H551	Surety Bond
H560	Swell
H570	Switch Charge H580
	Switching Charge
H590	Tank Car Allowance
H600	Tank Rental
H605	Tarping
H610	Tax - Airport Tax, Destination
H620	Tax - Airport Tax, Origin
H625	Tax - Beverage Tax
H630	Tax - City Sales Tax (Only)
H640	Tax - Excise Tax - Destination
H650	Tax - Excise Tax - Origin
H660	Tax - Federal Excise Tax, FET
H670	Tax - Federal Excise Tax, FET, on Tires
H680	Quebec Sales Tax (QST)
	The Home Depot Requirements: *Canadian Only*
H690	Tax - Handling Charge Tax
H700	Tax - Local Tax
H710	Tax - Metropolitan Transit Tax
H720	Provincial Sales Tax (PST)
	The Home Depot Requirements: *Canadian Only*
H730	Tax - Local Sales Tax
	Description: *All applicable sales taxes by taxing authorities below the State level*

Code	Name
H740	Tax - Sales and Use
	The Home Depot Requirements:
	Used for all US Taxes only
H750	Tax - Sales Tax (State and Local)
H760	Tax - State Hazardous Substance
H770	Harmonized Sales Tax (HST)
	The Home Depot Requirements:
	Canadian Only
H780	Tax - Super Fund Excise Tax
H790	Tax - Use Tax
H800	Tax - Value Added Tax (VAT)
H806	Tax Credit
H810	Tax Liability - Amortized
H820	Tax Liability - One Time
H830	Tax on Miscellaneous Charges
H840	Tax on Transportation
H850	Tax
H855	Tea Fee
H860	Technology Exchange
H870	Telegram Chargeback
H880	Telephone - Destination
H890	Telephone - Origin
H900	Telephone Charge
H910	Temperature Protection
H920	Temporary Allowance
H930	Temporary Voluntary Allowance
H935	Tendered as Truckload
H940	Terminal Charge
H950	Terminal Differential
H960	Terminal Service Fee
H970	Terms Allowance
H980	Test/Qualification Charge
H990	Testing Services Charge
HZDT	Hazardous Cargo on Deck
I000	Testing
I010	Third Party Allowance
I020	Third Party Pallets
I030	Throughput Allowance
I040	Throughput Container Charge
I050	Thruway Charge
I060	Ticketing Service
I070	Tobacco Products Report Charge
I080	TOFC Service Charge
I090	Tool Charge
I100	Tooling Rework Charge
I110	Tooling
I120	Tools for Printing

Code	Name
I130	Total Assessorial Charges
I131	Total Fees
I132	Total Invoice Amount
I133	Total Due U.S. Customs Service (USCS)
I134	Total Invoice Amount, U.S. Dollars
I136	Total Invoice Amount, Non-U.S. Dollars
I138	Total Material Invoice Amount
I140	Tracing Inbound Via Other Carriers
I150	Tracing Service Fee
I160	Track Storage
I170	Trade Discount
I180	Trade In
I190	Trailer Rental Charge
I200	Transfer Charge
I210	Transfer of Lading Charge
I220	Transferred Charges
I230	Transit
I235	Transmission Charge
I240	Transportation And Setup
I250	Transportation Charge (Minimum Rate)
I260	Transportation Direct Billing
I270	Transportation Third Party Billing
I280	Transportation Vendor Provided
I290	Trimming Charge
I300	Truck Detention
I310	Truckload Discount
I320	Turning Charge
I330	Two - Day Service
I340	Two Door Pickup
I350	U.S. Vehicles
I360	Unabsorbed Switching
I370	Unitized
I380	Unloading (Labor Charges)
I390	Unloading
I400	Unloading/Reloading Charge
I410	Unsaleable Merchandise Allowance
I411	Unscheduled Fee
I420	Up Charge
I430	Usage Plan Detail Charge
I431	U.S. Customs Service (USCS) Flat Assist Amount
I432	U.S. Customs Service (USCS) Maximum Assist Amount
I440	USDA Inspected, Stamping Certification
I450	Use - Special Type Flat Car
I460	Use Charge Tooling/Personnel
I470	Valuation Fee
I480	Vehicle Ordered but Not Used
I490	Vehicle Prep Charge (Courtesy Delivery)

Code	Name
I495	Vehicle Road Charge
I500	Vendor Freight
I510	Venting Instructions
I520	Virgin Island Transfer Charge
I530	Volume Discount
I540	Voluntary Contribution Charge
I550	Waiting Time
I560	War Risk Surcharge
I570	Warehouse
I580	Warehousing
I590	Warranties
I595	Watermelon Fee
I600	Waybill and Invoice Distribution
I610	Weather Protection
I620	Weight Verification Charge
I630	Wharfage & Handling
I640	Wharfage Charge
I650	Wide Area Telephone Service (WATS) Usage Credit
I660	Will Call Charge
I670	Written Proof of Delivery
I680	X-ray Charge
I690	Gratuity
I700	Escrow
I710	Payment
I720	Direct Product Handling (DPC)
I730	Price Adjustment Percent (PCT)
I740	Post Damaged Handling (PDC)
I750	Reclamation Center Handling (Chute)
I760	Reclamation Shared Responsibility (SRS)
I770	Mid-Tier Lottery Winners
I780	Mid-Tier Lottery Cashing Bonus
I790	Lottery Cross Redeemed
I800	Low-Tier Lottery Winners
I810	Low-Tier Lottery Cashing Bonus
I820	Lottery Charge Back
I830	Tote
I840	Extra Hour Charges
I850	Refused Delivery Charge
I860	Reimbursement for Online Cashing Bonus
I870	Reimbursement for Online Winners
I880	Online Sales Bonus I890
	Instant Sales Bonus
IDCT	Improper Documentation
LC2T	Land Currency Adjustment Factor - 20 Foot Container
LC4T	Land Currency Adjustment Factor - 40 Foot Container
LCLT	Percent Differential - Less Than Container
LECT	Less Than Container

Code	Name
LFDT	Linehaul from Port of Debarkation
LMDT	Liner Terms at Port of Embarkation
LNDT	Liner Terms at Port of Debarkation
LPDT	Linehaul Percent Differential
LQDT	Liquidated Damages
LTET	Linehaul to Port of Embarkation
MATT	Modified Atmosphere
OCNT	Over Height Container
OFFA	Office Supplies
OODT	On Deck Break Bulk Differential
OTHR	Other Miscellaneous Earning or Additive
OWCT	Over Width Container
PRST	Stuffing Charge
PTAX	Payroll Taxes
PVPT	Private Owned Vehicle Processing
R020	Personal Property, Member
R030	Personal Property, Spouse
R040	Port Handling and Unloading
R060	Packing, Crating, and Handling Charge
R080	Packing, Crating, Handling, and Transportation Charge
RDHT	Railhead Handling
RFMT	Reefer Maintenance
RPDT	Reefer Cargo Percent Differential
RSTT	Respotting
SFBT	Single Factor Origination/Destination
SFDT	Single Factor Origination/Port of Debarkation
SFET	Single Factor Port of Embarkation/Destination
SSCT	Stripping, Sorting and Consolidation
SSUT	Pole Lashing Equipment (PLE) Surcharge
STDT	Stop-off at Destination
STFT	Stuffing
STOT	Stop-off at Origination
TERT	Terminal Handling Charges
VCLT	Van Cleaning
WBBT	Wharfage - Breakbulk
WCFT	Wharfage - Container
WFTT	Wasted/Futile Trip
WRBT	War Risk Crew Insurance
WRIT	War Risk Insurance
X001	Auto Towing
X002	Late Return
X003	One Way/Drop Off
X004	Passenger Facility Charge
X005	Lodging
X006	Business Center
X007	Gift Shop
X008	Health Club

		Code **Name** X009 Laundry/Dry Cleaning X010 In-room Movie X011 In-room Mini-bar X012 Meals X013 Parking X014 Prepaid Amount X015 Liquor Charge ZZZZ Mutually Defined				
SAC05	610	**Amount** **Description:** Monetary amount	O	N2	1/15	Must use
SAC13	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Carpet Vendors must include the following verbiage when SAC02 is G090 and a Carpet Assessment Fee is in SAC05: CA Crpt Stewardship* *This information is required.*	X	AN	1/50	Used

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be

used in conjunction with SAC03 to further define SAC02.

2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO"- Dollars in SAC09.

Loop Invoice Shipment Summary

Pos: 0600 **Repeat: >1**
Optional
Loop: ISS **Elements: N/A**

User Option (Usage): Used

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0600	ISS	Invoice Shipment Summary	O	1		Used

ISS Invoice Shipment Summary

Pos: 0600	Max: 1
Summary - Optional	
Loop: ISS	Elements: 4

User Option (Usage): Used

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISS01	382	**Number of Units Shipped** **Description:** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	X	R	1/10	Used
ISS02	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**	X	ID	2/2	Used
ISS03	81	**Weight** **Description:** Numeric value of weight	X	R	1/10	Used
ISS04	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **CodeList Summary** (Total Codes: 811, Included: 2) **Code** **Name** KG Kilogram LB Pound	X	ID	2/2	Used

Syntax Rules:

1. R010305 - At least one of ISS01, ISS03 or ISS05 is required.
2. P0102 - If either ISS01 or ISS02 is present, then the other is required.
3. P0304 - If either ISS03 or ISS04 is present, then the other is required.
4. P0506 - If either ISS05 or ISS06 is present, then the other is required.

Semantics:

1. ISS07 is the quantity of third party pallets.
2. ISS08 is the gross weight of third party pallets in pounds.

CTT Transaction Totals

Pos: 0700 **Max: 1**
Summary - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Must use
Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set	M	N0	1/6	Must use
CTT02	347	**Hash Total** **Description:** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total	O	R	1/10	Must use

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0800 **Max: 1**
Summary - Mandatory
Loop: N/A **Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

Version 4060 EDI Invoice (810)—Example for The Home Depot

ISA*00* *00* **YOUR 2-DIGIT QUALIFIER*YOUR ISA I.D.* ***14*0722717110100**
*020804*1337*^*00406*000000001(interchange control #)***0***T***\.
GS*IN**YOUR GS ID***072271711***20020804*1337*0001(group control #)*X***004060**.
ST*810*0001.
BIG**CCYYMMDD* (invoice date)**YOUR INVOICE #**CCYYMMDD* (PO date)**VALID 8 DIGIT HD PO #*.
CUR*SE*USD.
REF*VR**YOUR AP VENDOR #*.
REF*MR** YOUR MERCHANDISE VENDOR #*.
REF*GT**GOODS AND SERVICES TAX REGISTRATION #*.
REF*IL**INTERNAL ORDER #*.
REF*CN**CARRIER PRO #*.
N1*OB***92**0121*. (4-digit HD store #)
N1*CA**UPS or RPS*. (only used for UPS or RPS)
N1*ST**SPECIAL ORDER'S CUSTOMER NAME. (*special orders only)
N3**STREET ADDRESS*ADDITIONAL STREET ADDRESS*. (drop ship only)
N4**CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE*. (drop ship only)
REF*ZH**1Z35015632801234*. (first tracking #)
REF*ZH**1Z35015632801245*. (second tracking #)
REF*ZH**1Z35015632801256*. (third tracking # -- REF segment may be mapped 12 times per N1 segment)
ITD*09*2*2**10**11******25. (terms shown= 2% 10th Prox-refer to HD SPECS for specific terms mapping)
DTM*011**CCYYMMDD*. (ship date)
IT1*1*15*EA*10.75**VP**YOUR PART #***SK**HD SKU #***UP**UPC #*.
PID*F*****YOUR PRODUCT DESCRIPTION*.
PO4**1* (#of innerpacks within a masterpack)*5 (standard pack size)**EA* (unit of measure).
IT1***12*EA*3.55*** VP**YOUR PART #***SK**HD SKU #***UP**UPC #*.
PID*F***** *YOUR PRODUCT DESCRIPTION*.
PO4**2* (#of innerpacks within a masterpack)*6 (standard pack size)**EA* (unit of measure).
IT1***144*EA*7.8*** VP**YOUR PART #***SK**HD SKU #***UP**UPC #*.
PID*F***** *YOUR PRODUCT DESCRIPTION*.
PO4**3* (#of innerpacks within a masterpack)*12 (standard pack size)**EA* (unit of measure).
TDS*119170*119170. (TDS02 RESERVED FOR ADF VENDORS ONLY!) {Sum of all (IT102)x(IT104) +or- all SAC05 elements}
CAD***** *SCAC CODE*CARRIER NAME*SHIPMENT STATUS***BM***BILL OF LADING #*.
SAC*A*I170****664. (eg. 1/2% Trade discount)
SAC*A*E750****13271. (eg. 10% New Store discount)
SAC*C*D200****400. (eg. $4 Freight charge)
SAC*C*G090****5000*********CA Crpt Stewardship~ (eg. $50 Carpet Assessment Fee)
ISS*8*CT*450*LB. (# of outerpacks*unit of measure*weight*unit of measure)
CTT*3*171. {# of line items*hash totals (sum of IT102 elements)}
SE*36*0001.
GE*1*0001.
IEA*1*000000001.

NOTES:

- *This example represents all segments and elements that Home Depot maps. Please refer to the 810 specifications for additional conditions regarding when to map the above segments and elements.*
- *Please map all segments that are currently included on your paper invoices to The Home Depot & all other segments that are* ***available*** *to map in your EDI system.*
- *During certification, please send a test invoice, similar to this example, with multiple SAC Segments including all Charges & Allowances that may occur on orders billed to The Home Depot.*
- *Review The Home Depot's EDI Invoice Specifications or call your EDI contact for further clarification.*
- *Trade discount and new store discounts are calculated off of the merchandise subtotal.*

810 Invoice/Credit Memo

X12/V4060/810: 810 Invoice/Credit Memo

Author:	**The Home Depot**
Company:	**The Home Depot**
Modified:	**12/3/2007**

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810 Invoice

Functional Group=IN

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BIG	Beginning Segment for Invoice	M	1			Must use
0400	CUR	Currency	O	1			Must use
0500	REF	Reference Information	O	12			Must use
0500	REF	Reference Information	O	12			Must use
0500	REF	Reference Information	O	12			Used
0500	REF	Reference Information	O	12			Used
LOOP ID - N1					**200**		
0700	N1	Party Identification	O	1			Must use
0900	N3	Party Location	O	2			Must use
1000	N4	Geographic Location	O	1			Must use
1400	DTM	Date/Time Reference	O	10			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - IT1					**200000**		
0100	IT1	Baseline Item Data (Invoice)	O	1			Must use
0500	CTP	Pricing Information	O	25			Must use
LOOP ID - PID					**1000**		
0600	PID	Product/Item Description	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	TDS	Total Monetary Value Summary	M	1			Must use
0300	CAD	Carrier Details	O	1			Used
LOOP ID - SAC					**>1**		
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
0700	CTT	Transaction Totals	O	1		N3/0700	Must use

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0800	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0700 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash total of the quantities invoiced (IT102) for each IT1 segment.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
		Code **Name** 00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
		Code **Name** 00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		Code **Name** 14 Duns Plus Suffix				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Code **Name** 072271711 US Production USAP				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

Code	Name
!	Exclamation Point
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call The Home Depot Electronic Partnership Development Team at 877-741-0036.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

Code	Name
~~00406~~	~~Stand~~ards Approved for Publication by ASC X12 Procedures Review Board through October 2002

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				

Code	Name
~~0~~	~~No Int~~erchange Acknowledgment Requested

ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use

Description: Code indicating whether data enclosed by this interchange envelope is test, production or information

Code	Name
~~P~~	~~Produ~~ction Data

ISA16	I15	**Component Element Separator**	M	1/1	Must use

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		Code **Name** IN Invoice Information (810)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
		Code **Name** 072271711 US Production USAP				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		Code **Name** X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		Code **Name** 810 Invoice				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BIG Beginning Segment for Invoice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIG01	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
BIG02	76	**Invoice Number**	M	AN	1/22	Must use
		Description: Identifying number assigned by issuer				
		The Home Depot Requirements: *SAP will accept up to 16 Digits.*				
BIG03	373	**Date**	O	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		The Home Depot Requirements: *Either the PO Date or the PO Change Date*				
BIG04	324	**Purchase Order Number**	O	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		The Home Depot Requirements: *Home Depot 10 Digit PO Number.*				
BIG07	640	**Transaction Type Code**	O	ID	2/2	Must use
		Description: Code specifying the type of transaction				

Code	Name
CR	Credit Memo
T8	Sales Invoice

Semantics:

1. BIG01 is the invoice issue date.
2. BIG03 is the date assigned by the purchaser to purchase order.
3. BIG10 is the consolidated invoice number associated with the invoice identified in BIG02. When BIG07 contains code CI (Consolidated Invoice), BIG02 will contain the consolidated invoice number and BIG10 is not used.

Comments:

1. BIG07 is used only to further define the type of invoice when needed.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code **Name** SE Selling Party				
CUR02	100	**Currency Code**	M	ID	3/3	Must use
		Description: Code (Standard ISO) for country in whose currency the charges are specified				
		Code **Name** CAD Canadian Dollars USD US Dollars				

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Information

Pos: 0500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

The Home Depot Requirements: *The REF*VR is a required segment for The Home Depot Invoice Mapping - representing the Payables Vendor Number. Invoices received without these segments will not be able to be processed and paid.*

Code	Name
VR	Vendor ID Number

Description: *The REF*VR is a required segment for The Home Depot Invoice Mapping. Invoices received without this segment will not be able to be processed and paid.*

REF02	127	**Reference Identification**	X	AN	1/50	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 0500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		The Home Depot Requirements: *The REF*MR is a required segment for The Home Depot Invoice Mapping - representing the Merchandise Vendor Number. Invoices received without these segments will not be able to be processed and paid.*				
		Code **Name**				
		MR Merchandise Type Code				
		Description: *The REF*MR is a required segment for The Home Depot Invoice Mapping. Invoices received without this segment will not be able to be processed and paid.*				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 0500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		The Home Depot Requirements: *The REF*GT segment is mandatory for The Home Depot Canadian Invoices when mapping GST Taxes. Not mapping this segment may result in the GST Tax not being paid.*				
		Code **Name**				
		GT Goods and Service Tax Registration Number				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 0500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		The Home Depot Requirements: *The REF*CN segment should contain the Carrier's Pro Number or Freight Invoice Number.*				
		Code **Name**				
		CN Carrier's Reference Number (PRO/Invoice)				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop Party Identification

Pos: 0700 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	N1	Party Identification	O	1		Must use
0900	N3	Party Location	O	2		Must use
1000	N4	Geographic Location	O	1		Must use

The Home Depot Requirements:

*The N1*OB loop is required to be mapped with a valid 4 digit location number in the N104 element for the invoice to be processed and paid.*

N1 Party Identification

Pos: 0700	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code **Name** OB Ordered By				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code **Name** 92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Must use
		Description: Code identifying a party or other code				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

*The N1*OB loop is required to be mapped with a valid 4 digit store number in the N104 element for the invoice to be processed and paid.*

N3 Party Location

Pos: 0900	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 1000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Must use
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

DTM Date/Time Reference

Pos: 1400	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		Code **Name** 011 Shipped				
DTM02	373	**Date**	X	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Baseline Item Data (Invoice)

Pos: 0100 **Repeat: 200000**
Optional
Loop: IT1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	IT1	Baseline Item Data (Invoice)	O	1		Must use
0500	CTP	Pricing Information	O	25		Must use
0600		Loop PID	O		1000	Must use

IT1 Baseline Item Data (Invoice)

Pos: 0100	Max: 1
Detail - Optional	
Loop: IT1	Elements: 10

User Option (Usage): Must use

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT101	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		The Home Depot Requirements: *The Line Number must be turned directly from the Purchase Order or Purchase Order Change. This number must match the PO Line Number for the same item.* **Not meeting this requirement will result in the invoice not being paid.**				
IT102	358	**Quantity Invoiced**	X	R	1/15	Must use
		Description: Number of units invoiced (supplier units)				
IT103	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		The Home Depot Requirements: *The Unit of Measure should be the same as the ordered Unit of Measure. Any differences will cause the invoice to reject.*				
		All valid standard codes are used.				
IT104	212	**Unit Price**	X	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
IT106	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		The Home Depot Requirements: *The Part Number or Article Number should be turned directly from the PO.* **If the IT101 Line Number is not populated, either Article Number (SK) or Part Number (VP) is required.*				
		Code **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number				
IT107	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service				
IT108	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		The Home Depot Requirements: *The Part Number or Article Number should be turned directly from the PO.*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		**If the IT101 Line Number is not populated, either Article Number (SK) or Part Number (VP) is required.*				
		Code **Name** SK Stock Keeping Unit (SKU) UP UCC - 12 **Description:** *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)* VP Vendor's (Seller's) Part Number				
IT109	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
IT110	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		The Home Depot Requirements: *The Part Number or Article Number should be turned directly from the PO.* **If the IT101 Line Number is not populated, either Article Number (SK) or Part Number (VP) is required.*				
		Code **Name** SK Stock Keeping Unit (SKU) UP UCC - 12 **Description:** *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)* VP Vendor's (Seller's) Part Number				
IT111	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.
4. P1011 - If either IT110 or IT111 is present, then the other is required.
5. P1213 - If either IT112 or IT113 is present, then the other is required.
6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

Semantics:

1. IT101 is the line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

The Home Depot Requirements:

Either the IT101 or the IT106 with an SK or VP qualifier is required for an Invoice to be received and paid.

CTP Pricing Information

Pos: 0500	Max: 25
Detail - Optional	
Loop: IT1	Elements: 1

User Option (Usage): Must use
Purpose: To specify pricing information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP08	782	**Monetary Amount**	O	R	1/18	Used
		Description: Monetary amount				
		The Home Depot Requirements: *CTP08 should reflect the extended line item cost. This should represent (Quantity x Price) for the corresponding line item (IT1).*				

Syntax Rules:

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Loop Product/Item Description

Pos: 0600 Repeat: 1000
Optional
Loop: PID Elements: N/A

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0600	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0600	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Must use

Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		Code **Name** F Free-form				
PID05	352	**Description**	X	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

TDS Total Monetary Value Summary

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To specify the total invoice discounts and amounts

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TDS01	610	**Amount**	M	N2	1/15	Must use
		Description: Monetary amount				
		The Home Depot Requirements: *Total Amount of Invoice including any SAC segments.*				

Semantics:

1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
2. TDS02 indicates the amount upon which the terms discount amount is calculated.
3. TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
4. TDS04 indicates the total amount of terms discount.

Comments:

1. TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

The Home Depot Requirements:

The TDS01 must include any SAC charges or allowances mapped on the invoice.

CAD Carrier Details

Pos: 0300	Max: 1
Summary - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used
Purpose: To specify transportation details for the transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CAD01	91	**Transportation Method/Type Code**	M	ID	1/2	Must use
		Description: Code specifying the method or type of transportation for the shipment				
		Code **Name** ZZ Mutually defined				
CAD04	140	**Standard Carrier Alpha Code**	X	ID	2/4	Must use
		Description: Standard Carrier Alpha Code				
CAD05	387	**Routing**	X	AN	1/35	Must use
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
CAD06	368	**Shipment/Order Status Code**	O	ID	2/2	Used
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction				
		Code **Name** CC Shipment Complete on (Date)				
CAD07	128	**Reference Identification Qualifier**	O	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		Code **Name** BM Bill of Lading Number				
CAD08	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0504 - At least one of CAD05 or CAD04 is required.
2. C0708 - If CAD07 is present, then CAD08 is required.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 0400 **Repeat: >1**
Optional
Loop: SAC **Elements: N/A**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 0400 **Max: 1**
Summary - Optional
Loop: SAC **Elements: 3**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use
		Description: Code which indicates an allowance or charge for the service specified				
		Code **Name** A Allowance C Charge				
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID	4/4	Must use
		Description: Code identifying the service, promotion, allowance, or charge				
		Code **Name** C040 Delivery C080 Demurrage C480 Drum Cost D200 Freight Charges to Destination D360 Goods and Services Tax Charge **The Home Depot Requirements:** *Canadian Only* D500 Handling E640 Mileage Fee (For Repair and Return) H680 Quebec Sales Tax (QST) **The Home Depot Requirements:** *Canadian Only* H720 Provincial Sales Tax (PST) **The Home Depot Requirements:** *Canadian Only* H740 Tax - Sales and Use **The Home Depot Requirements:** *Used for all US Taxes only* H770 Harmonized Sales Tax (HST) **The Home Depot Requirements:** *Canadian Only*				
SAC05	610	**Amount**	O	N2	1/15	Must use
		Description: Monetary amount				

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

CTT Transaction Totals

Pos: 0700	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
CTT02	347	**Hash Total**	O	R	1/10	Must use
		Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total				
		The Home Depot Requirements: *Sum of the quantities invoiced (IT102).*				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0800	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

THE HOME DEPOT

EDI 810

Invoice

Examples

US/CAN-Version 4060 EDI Invoice (810)—Example for The Home Depot

ISA*00* *00* **(YOUR 2-DIGIT QUALIFIER)* (YOUR ISA I.D) *(HOME DEPOT 2-DIGIT QUALIFIER)* (HOME DEPOT ISA ID) *120918*0706*|*00406*(INTERCHANGE CONTROL #)*0*T*>~
GS*IN*(YOUR GS ID)*(HOME DEPOT GS ID)*20120918*0706*)*(GROUP CONTROL #)*X*004060~
ST*810*(TRANSACTION SET CONTROL #)~
BIG*20120920 *CCYYMMDD*(invoice date)*9415257390(*INVOICE #)*20120913 *CCYYMMDD*(PO date)*47306320(*VALID 8 DIGIT HD PO #)~*
CUR*SE*USD~
REF*VR*102180(*(YOUR AP VENDOR#))~*
REF*MR*0000010564(*YOUR MERCHANDISE VENDOR#)~*
REF*IL*7011612968(*INTERNAL ORDER #)~*
REF*CN*1Z09848W0305262202(*CARRIER PRO #)~*
N1*OB**92*5047~ (4-digit HD store #)
N1*CA*UPS~(only used for small package carriers)
REF*ZH*1Z09848W0305262202~ (first tracking #)
ITD*01*3*2**30**31*****2% 30 DAYS, NET 31~ (terms shown=2% 10th Prox refer to HD Specs for specific terms mapping)
DTM*011*20120920 *CCYYMMDD*~ (Ship Date)~
IT1*000001*24*EA*224**VP*RN46-1(VENDOR *PART* #)*SK*1000123456 (SKU #)*UP*077914037811(UPC #)~
PID*F****ROOFING NAILER - C.T(PRODUCT DESCRIPTION)~
PO4*1(# of innerpacks within a masterpack)*1(standard pack size)*EA(unit of measure)~
TDS*502979~ {Sum of all (IT102)x(IT104)+or- all SAC05 elements}
CAD*ZZ***UPS(*SCAC CODE*)*UNITED PARCEL SERVICE(*CARRIER NAME*)*CC(*SHIPMENT STATUS*)*BM*15523223525P(**BILL OF LADING*)~
SAC*A*I170***34621~ (e.g. ½% Trade Discount)
ISS*1*CT*143*LB~ (# of outerpacks*unit of measure*weight*unit of measure)
CTT*1*24~ {# of line items*hash totals (sum of IT102 elements)}
SE*21*50001~

*Review THD's EDI Invoice (810) Specifications or call your EDI contact for further clarification.

US/CAN Version 4060 Non-Merchandise Supplier EDI Invoice (810)

```
ISA*00* *00* *YOUR 2 DIGIT QUALIFIER *YOUR ISA ID*14*072271711USAP
*040525*0646*|*00406*600000003*0*P*>~
GS*IN*YOUR GS ID*072271711USAP*20040525*0646*600000003(group control
#)*X*004060~
ST*810*600000003~
BIG*CCYYMMDD(invoice date)*YOUR INVOICE #*CCYYMMDD(PO date)*VALID 10
DIGIT HD PO #***T8~
CUR*SE*USD~
REF*VR*(YOUR AP VENDOR#)~
REF*MR*(YOUR MERCHANDISE VENDOR#)~
REF*CN*CARRIER PRO #~
N1*OB*HYDE PARK*92*1039~
N3*STORE STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
DTM*011*CCYYMMDD~ (Ship Date)
IT1*10(Line Item # from PO)*10*EA*10** VP*YOUR PART#*SK*HD SKU#*UP*UPC#~
CTP********100~ (Extended Line Item Value)
PID*F****Part Description #1~
IT1*20(Line Item # from PO)*30*EA*1** VP*YOUR PART#*SK*HD SKU#*UP*UPC#~
CTP********30~ (Extended Line Item Value)
PID*F****Part Description #2~
IT1*30(Line Item # from PO)*20*EA*1.99**VP*YOUR PART #*SK*HD SKU#*UP*UPC#~
CTP********39.8~ (Extended Line Item Value)
PID*F****Part Description #3~
TDS*17829~
CAD*ZZ***SCAC CODE*CARRIER NAME*SHIPMENT STATUS*BM*BILL OF LADING
#~
SAC*C*H740***849~ (e.g. tax charge of $8.49)
CTT*3*60~ {# of line items*hash totals (sum of IT102 elements)}
SE*24*600000003~
GE*1*600000003~
IEA*1*600000003~
```

NOTES:

- This example represents all segments and elements that Home Depot maps. Please refer to the 810 specifications for additional conditions regarding when to map the above segments and elements.
- This example represents a sample for a US invoice. The Canadian example will be the same except for possibly the Currency (CAD), and GST Tax and information.
- Please map all segments that are currently included on your paper invoices to The Home Depot & all other segments that are available to map in your EDI system
- Review The Home Depot's EDI Invoice Specifications or call your EDI contact for further clarification.

US/CAN Version 4060 Non-Merchandise Supplier EDI Credit Memo (810)

```
ISA*00* *00* *YOUR 2 DIGIT QUALIFIER *YOUR ISA ID*14*072271711USAP
*040525*0646*|*00406*600000004*0*P*>~
GS*IN*YOUR GS ID*072271711USAP*20040525*0646*600000004*X*004060~
ST*810*600000004~
BIG*CCYYMMDD(invoice date)*YOUR INVOICE#*CCYYMMDD(PO date)*VALID 10
DIGIT HD PO#***CR~
CUR*SE*USD~
REF*VR*(YOUR AP VENDOR#)~
REF*MR*(YOUR MERCHANDISE VENDOR#)~
N1*OB*HYDE PARK *92*1039~
N3*STORE STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
DTM*011*CCYYMMDD~ (Ship Date)
IT1*30(Line Item # from PO)*5*EA*1.99** VP*YOUR PART#*SK*HD SKU#*UP*UPC#~
CTP********9.95~ (Extended Line Item Value)
PID*F****Part Description #1~
TDS*1045~
CAD*ZZ***SCAC CODE*CARRIER NAME*SHIPMENT STATUS*BM*BILL OF LADING
#~
SAC*C*H740***50~ (e.g. tax charge of $0.50)
CTT*1*5~ {#of line items*hash totals (sum IT102 elements)}
SE*17*600000004~
GE*1*600000004~
IEA*1*600000004~
```

NOTES:

- This example represents all segments and elements that Home Depot maps. Please refer to the 810 specifications for additional conditions regarding when to map the above segments and elements.
- This example represents a sample for a US invoice. The Canadian example will be the same except for possibly the Currency (CAD), and GST Tax and information.
- Please map all segments that are currently included on your paper invoices to The Home Depot & all other segments that are available to map in your EDI system
- Review The Home Depot's EDI Invoice Specifications or call your EDI contact for further clarification.

THE HOME DEPOT

EDI 810

Invoice

Other Files

Invoice Allowance / Charge Qualifier Table (4060 – 810)

The following is a subset of the X12.3 code values for data segment SAC, element (02) Special Services Code 1300. This subset constitutes a list of the Special Service Code qualifier values THD will accept on the 810 invoice document. Version/Release 4060.

SAC02 Code	X12.3 Description	Home Depot Usage Description	For use when SAC01 is:
A010	Minimum Order/Minimum Billing Charge	Same	C
A260	Advertising Allowance	Same	A
A410	Alterations	Rug Fringing	C
A800	Call Tag	Unknown Charge – Call GP	C
B010	Cents Off	Rounding Tolerance	C
B210	Co-op Credit	Same	A
B220	Coating	Adhesive Tax	C
B320	Competitive Allowance	Same	A
B720	Cooperative Advertising / Merchandising Allowance (Performance)	Co-op Advertising Allowance	A
B940	Cutting Charge	Same	C
C000	Defective Allowance	Same	A
C040	Delivery	Same	C
C080	Demurrage	Ship Delay Charge	C
C480	Drum Cost	Stop Over Charge	C
C610	Enclosure	Tarp Charge	C
C680	Environmental Protective Service	Florida Pollution/Environmental Tax	C
C870	Expediting Fee	Same	C
D080	Floor Stock Protection	Sensormatic Charge	C
D200	Freight Charge	Same	C
D240	Freight Allowance	Same	A
D270	Fuel Surcharge	Same	C
D360	Goods and Services Tax (Canada only)	Same	C
D500	Handling Charge	Same	C
D900	Installation	Same	C
E180	Labor (Repair and Return Orders)	Repair Labor Charge	C
E210	Labor Service	Same	A
E640	Mileage Fee	Home Delivery greater than 50 miles	C
E750	New Store Discount	Same	A
F155	Packaging	Crating	C
F180	Pallet Charge	Same	C
F210	Parish/County Sales Tax (Only)	Same	C
F240	Per Item Charge	BC ECO Tax (container < or = 250 ml)	C

F800	Promotional Allowance	Same	A
F810	Promotional Discount	Same	A
F910	Quantity Discount	Same	A
F991	Receiving Discount	Certified Receiving Discount	A
G090	Recovery Fee	BC ECO Tax (container > 250ml and < or = 1L)	C
G100	Recovery	BC ECO Tax (container > 1L and < or = 5L)	C
G760	Set-Up	Same	C
H000	Special Allowance	Same	A
H030	Special Credit	Pallet Credit	A
H070	Special Finish Charge	Binding Charge	C
H110	Special Packaging	Split Set Charge	C
H400	Stop Charge	Drop Charge	C
H630	City Sales Tax (Only)	Same	C
H680	Tax-Governmental (Canada Only)	QST – Quebec Sales Tax	C
H700	Local Tax	Same	C
H720	Tax-Governmental	PST – Provincial Sales Tax	C
H750	State Sales Tax	Same	C
H770	State Tax	Same	C
H790	Use Tax	Use Tax for Samples	C
H850	Recovery	BC ECO Tax (container >5L and < or =23L)	C
I170	Trade Discount	Trade, EDI or Unbundling Discount	A
1310	Truckload Discount	Same	A
1530	Volume Discount	Same	A

Invoice 864/Text Message Error Codes

The following is a list of the 864 error messages and an explanation of each:

ERROR CODE	ERROR MESSAGE	DESCRIPTION/CORRECTIVE ACTION
ED01	Invalid vendor number received	Located in REF02; must the AP # assigned by THD
ED02	Invalid Invoice number received	Located in BIG02; must contain a unique invoice number generated by the trading partner
ED03	Invalid invoice date received	Located in BIG01; must be in CCYYMMDD format -- Must be < or = to the current date
ED04	Required purchase order number not received	Located in BIG04; must contain the PO number assigned by THD ordering location – PO number was not supplied through EDI by the trading partner
ED05	Invalid store number received	Located in N104; must contain the four digit HD store #
ED06	Invalid term code received	Located in ITD01; must be one of the following acceptable ANSI Payment Terms Codes: CODE - HD INTERPRETATION 01 - (Days) 06 - (Twice Monthly) 07 - (Second Prox) 09 - (Prox)
ED07	Invalid discount percent received	Located in ITD03; must be > zero when discount days (ITD05) is > zero if the terms type code = 6,7, or 9
ED08	Invalid discount days received	Located in ITD05; must be > zero when discount percent (ITD03) is > zero if the terms type code = 6,7, or 9
ED10	Invalid net days	Located in ITD07; must be > zero when terms type

ERROR CODE	ERROR MESSAGE	DESCRIPTION/CORRECTIVE ACTION
	received	code (ITD01) = 1, 6, 7, or 9
ED12	Invalid payment terms day of month received	Located in ITD13; must be 1 - 31 when terms type code (ITD01) = 6, 7, or 9
ED15	Invoice amount out of balance	Located in TDS01; must equal the sum of the extended line item amounts plus all charges, minus all allowances
ED16	Hash total does not equal sum of detail quantities	Located in CTT02; must equal the sum of the quantity invoiced (IT102) at the detail level
ED17	Invalid twice monthly terms	ITD13 must be < ITD07 and ITD07 must be > ITD05 when ITD01 = 6
ED18	Invalid allowance/charge amount received	Located in SAC05; must be > zero
ED19	Invalid allowance/charge indicator received	Located in SAC01; must be either A (Allowance) or C (Charge)
ED21	Required product ID not received	Located in IT107; must be a non-blank identifier
ED23	Required quantity invoiced not received	Located in IT102; the billable quantity is required for each detail line

ERROR NUMBER	ERROR MESSAGE	DESCRIPTION/CORRECTIVE ACTION
ED24	Required unit cost not received	Located in IT104; a unit cost is required for each detail line
ED25	Allowance/charge indicator does not correspond to allowance/charge code value	Located in SAC01 and SAC02; refer to the Allowance/Charge Qualifier Table for the SAC01 and its respective SAC02 code
ED26	Invalid basis date code	Located in ITD02; an invalid terms type code/basis date code combination was sent. Basis date codes 2, and 3 are valid when the terms type code (ITD01) is 1, 6, 7, or 9.
ED27	Invalid invoice amount	Located in TDS01; the total invoice amount must be > or = to zero; HD does not accept credit memos through EDI for regular merchandise orders.
ED28	Required segment type missing	Sufficient supporting EDI segments were not sent to justify total invoice amount - Invoice must contain at least one detail line or one allowance / charge segment in addition to header and detailed information
ED29	Duplicate interchange, interchange rejected	Located in the ISA13; the interchange control # was sent a second time - The entire interchange # was rejected and needs to be resent under a different interchange control #
ED31	Currency type does not match vendor pay type for Canadian store	Located in CUR02; If N104 is Canadian store #, and the vendor # in the REF02 begins with "025", then the CUR02 must be "CAD" or if the vendor # in the REF02 begins with "026", then the CUR02 must be "USD"

ERROR NUMBER	ERROR MESSAGE	DESCRIPTION/CORRECTIVE ACTION
ED32	Currency type does not match vendor pay type for US store	Located in CUR02: If N104 is U.S. store #, then the CUR02 must be "USD"
ED33	Required GST # missing	If the SAC02 is mapped as D360 (GST Charge), then the GST registration # must be provided in the REF segment with a "GT" qualifier in the REF02
ED34	Terms Discount Days Due is >Terms Net days	Terms net days (ITD07) must > terms discount days due (ITD05)
ED36	Invalid allowance / charge code for Canadian store	The allowance/charge code used (SAC02) is valid for US stores only - Refer to the allowance / charge codes
ED37	Invalid allowance / charge code for a US store	The allowance/charge code used (SAC02) is valid for Canadian stores only - Refer to the allowance/charge codes
ED38	Detail Charge / Allowance amounts do not equal summary amounts	Detail SAC02 does not equal Summary SAC02
ED99	More than 9 errors on invoice	Error table is full because there were more than nine (9) errors in the invoice - Any additional errors are not reported - Review/Audit invoice content in total

THE HOME DEPOT

EDI 812

Credit / Debit

812 Credit/Debit Adjustment

Functional Group=CD

This X12 Transaction Set contains the format and establishes the data contents of the Credit/Debit Adjustment Transaction Set (812) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to notify a trading partner of an adjustment or billback and may be used to request an adjustment or billback. It identifies and contains the details and amounts covering exceptions, adjustments, credits, or debits for goods or services. This transaction set is multidirectional between trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BCD	Beginning Credit/Debit Adjustment	M	1		N1/0200	Must use
0400	N9	Extended Reference Information	O	>1			Used
0800	FOB	F.O.B. Related Instructions	O	1			Used
0900	SHD	Shipment Detail	O	>1		N1/0900	Used
LOOP ID - N1					**200**		
1000	N1	Party Identification	M	1			Must use
1200	N3	Party Location	O	2			Used
1300	N4	Geographic Location	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CDD					**>1**		
1600	CDD	Credit/Debit Adjustment Detail	O	1			Used
1700	LIN	Item Identification	O	1			Used
2700	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/0200 BCD05 indicates whether the net of the detail is a credit or a debit.

1/0900 SHD is used to indicate shipment detail relative to credit or debit of returned product.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used.**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used.**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments **All valid standard codes are used.**				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets **Code** **Name** CD Credit/Debit Adjustment (812)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set **All valid standard codes are used.**				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
ST03	1705	**Implementation Convention Reference**	O	AN	1/35	Used
		Description: Reference assigned to identify Implementation Convention				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 812 selects the Credit/Debit Adjustment Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BCD Beginning Credit/Debit Adjustment

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 15**

User Option (Usage): Must use

To transmit identifying dates and numbers for the transaction set and indicate the monetary value to the receiver of the transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD01	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		RTV File: *RTV date*				
		Chargeback File: *Current date*				
BCD02	475	**Credit/Debit Adjustment Number**	M	AN	1/22	Must use
		Description: Number assigned by issuer of a credit or debit memo				
		RTV File: *RTV number*				
		Chargeback File: *Hardcoded zero '0'*				
BCD03	305	**Transaction Handling Code**	M	ID	1/2	Must use
		Description: Code designating the action to be taken by all parties				
		RTV File: *O*				
		Chargeback File: *A*				
		Code **Name** A Off Invoice (Deduction from Original Invoice) O Deduct from Next Remittance				
BCD04	610	**Amount**	M	N2	1/15	Must use
		Description: Monetary amount				
BCD05	478	**Credit/Debit Flag Code**	M	ID	1/1	Must use
		Description: Code indicating whether amount is a credit or debit **All valid standard codes are used.**				
BCD06	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		Chargeback File: *Will only be populated for Chargeback files with Invoice Date*				
BCD07	76	**Invoice Number**	X	AN	1/22	Used
		Description: Identifying number assigned by issuer				
		RTV File: *Will be hardcoded with zero '0' for RTV files*				
		Chargeback File: *Will only be populated for Chargeback files*				
BCD08	424	**Vendor Order Number**	O	AN	1/22	Not used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Number assigned by a vendor referencing a particular customer purchase order				
BCD09	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **Chargeback File:** *Will only be populated for Chargeback files*				
BCD10	324	**Purchase Order Number**	X	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser **Chargeback File:** *Will only be populated for Chargeback files*				
BCD11	353	**Transaction Set Purpose Code**	O	ID	2/2	Not used
		Description: Code identifying purpose of transaction set **All valid standard codes are used.**				
BCD12	640	**Transaction Type Code**	O	ID	2/2	Not used
		Description: Code specifying the type of transaction **All valid standard codes are used.**				
BCD13	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification **Code** **Name** ST Store Number				
BCD14	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirement:** *Home Depot Store Number*				
BCD15	306	**Action Code**	O	ID	1/2	Used
		Description: Code indicating type of action **All valid standard codes are used.**				

Syntax Rules:

1. R071014 - At least one of BCD07, BCD10 or BCD14 is required.
2. P1314 - If either BCD13 or BCD14 is present, then the other is required.

Semantics:

1. BCD01 is the credit/debit adjustment date.
2. BCD04 is the net amount of this complete transaction.
3. BCD06 is the invoice date.
4. BCD09 is the purchase order date.

Comments:

1. If using BCD07 or BCD10, do not use BCD14 to identify invoice number or purchase order number.
2. For BCD11, only codes 00, 05, 06, 07, and 15 are permitted to be used.

N9 Extended Reference Information

Pos: 0400	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code	Name
2I	Tracking Number
	THD Notes: *Carrier Tracking number for RTV files*
DP	Department Number
FR	Freight Bill Number
FS	Final Sequence Number
	THD Notes: *Ending Freight Bill number where multiple Freight Bills are sent*
L1	Letters or Notes
	THD Notes: *Reason Code for Chargeback files*
MB	Master Bill of Lading
	THD Notes: *MB will be used for Master Shipping Number*
MR	Merchandise Type Code
RV	Receiving Number
RZ	Returned Goods Authorization Number
VR	Vendor Number
VV	Voucher
ZZ	Mutually Defined
	THD Notes: *Disposal Code for Chargeback files*

N902	127	**Reference Identification**	X	AN	1/50	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

THD Requirement: *Reason Codes for L1 Qualifier:*
01 - Manufacturer Defect
02 - Non-Stock
03 - S/O Overage
06 - Buyback
09 - Pkg Damaged/Missing
10 - Dead Plant
11 - Product Safety Issue
12 - Missing Parts

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		13 - Vendor Err Mis-ship *14 - Customer Choice* *15 - Ordered Incorrectly* *17 - Pallet Return* *18 - FrghtClaimConcealed* *19 - FreightClaimVisible* *20 - Labor Charge Back* *21 - Safety Recall* *22 - E-Crate* *24 - DirectShipNotRecvd* *25 - Auto RTV PTS Vendor* *Disposal Codes for ZZ Qualifier:* *05 - Destroy for Credit* *07 - Return for Credit Defective* *09 - Return for Credit Non-Defective* *13 - Self-Service Destroy* *14 - Process for Credit*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

FOB F.O.B. Related Instructions

Pos: 0800	Max: 1
Heading - Optional	
Loop: N/A	Elements: 9

User Option (Usage): Used

To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use
		Description: Code identifying payment terms for transportation charges				
		THD Requirement: *PC - Add* *CC - Collect* *PO - Prepaid*				
		Code **Name** CC Collect PC Prepaid but Charged to Customer PP Prepaid (by Seller)				
FOB02	309	**Location Qualifier**	X	ID	1/2	Used
		Description: Code identifying type of location **All valid standard codes are used.**				
FOB03	352	**Description**	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
FOB04	334	**Transportation Terms Qualifier Code**	O	ID	2/2	Used
		Description: Code identifying the source of the transportation terms **All valid standard codes are used.**				
FOB05	335	**Transportation Terms Code**	X	ID	3/3	Used
		Description: Code identifying the trade terms which apply to the shipment transportation responsibility				
		THD Requirement: *Hardcoded ZZZ if FOB01 exists*				
		Code **Name** ZZZ Mutually Defined				
FOB06	309	**Location Qualifier**	X	ID	1/2	Used
		Description: Code identifying type of location				
		THD Requirement: *DE - Destination* *OR - Origin* *KL - Shipping Origin Point*				
		Code **Name** DE Destination (Shipping) KL Port of Loading OR Origin (Shipping Point)				

FOB07	352	**Description**	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
FOB08	54	**Risk of Loss Code**	O	ID	2/2	Used
		Description: Code specifying where responsibility for risk of loss passes **All valid standard codes are used.**				
FOB09	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

SHD Shipment Detail

Pos: 0900	Max: >1
Heading - Optional	
Loop: N/A	Elements: 14

User Option (Usage): Used

To indicate shipment details in terms of quantity, weight, and routing instructions related to credit or debit of returned product

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SHD01	382	**Number of Units Shipped**	X	R	1/10	Used
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set **RTV File:** *Carton Count* **Chargeback File:** *Cartons Shipped*				
SHD02	413	**Quantity Received**	X	R	1/7	Used
		Description: Number of shipping units received **Chargeback File:** *Cartons Received*				
SHD03	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **Code** **Name** CT Carton				
SHD04	81	**Weight**	X	R	1/10	Used
		Description: Numeric value of weight				
SHD05	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**				
SHD06	183	**Volume**	X	R	1/8	Used
		Description: Value of volumetric measure				
SHD07	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**				
SHD08	398	**Order Sizing Factor**	O	R	1/10	Used
		Description: A product specification other than gross or net weight, or cubic feet for a line item or transaction used for order sizing and pricing purposes				
SHD09	417	**Price Bracket Identifier**	O	AN	1/3	Used
		Description: Identifier assigned by the vendor for a specific price bracket				
SHD10	91	**Transportation Method/Type Code**	O	ID	1/2	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code specifying the method or type of transportation for the shipment **All valid standard codes are used.**				
SHD11	140	**Standard Carrier Alpha Code**	O	ID	2/4	Used
		Description: Standard Carrier Alpha Code **RTV File:** *Provides SCAC*				
SHD12	368	**Shipment/Order Status Code**	O	ID	2/2	Used
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **All valid standard codes are used.**				
SHD13	128	**Reference Identification Qualifier**	O	ID	2/3	Used
		Description: Code qualifying the Reference Identification **Code** **Name** ZZ Mutually Defined				
SHD14	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **Chargeback File:** *Carrier Name*				

Syntax Rules:

1. R0102 - At least one of SHD01 or SHD02 is required.
2. C0103 - If SHD01 is present, then SHD03 is required.
3. C0203 - If SHD02 is present, then SHD03 is required.
4. P0405 - If either SHD04 or SHD05 is present, then the other is required.
5. P0607 - If either SHD06 or SHD07 is present, then the other is required.
6. C1314 - If SHD13 is present, then SHD14 is required.

Comments:

1. SHD13 and SHD14 are used to identify pertinent numbers associated with shipment detail.

Loop N1

Pos: 1000	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1000	N1	Party Identification	M	1		Must use
1200	N3	Party Location	O	2		Used
1300	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 1000	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 6

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual **RTV File:** *SN will be used for Store Number* **Code** **Name** BT Bill-to-Party SN Store ST Ship To				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67) **All valid standard codes are used.**				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
N105	706	**Entity Relationship Code**	O	ID	2/2	Used
		Description: Code describing entity relationship **All valid standard codes are used.**				
N106	98	**Entity Identifier Code**	O	ID	2/3	Used
		Description: Code identifying an organizational entity, a physical location, property or an individual **All valid standard codes are used.**				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 1200	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 1300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop CDD

Pos: 1600	Repeat: >1
Optional	
Loop: CDD	Elements: N/A

User Option (Usage): Used

To provide information relative to a line item adjustment

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1600	CDD	Credit/Debit Adjustment Detail	O	1		Used
1700	LIN	Item Identification	O	1		Used

CDD Credit/Debit Adjustment Detail

Pos: 1600 **Max: 1**
Detail - Optional
Loop: CDD **Elements: 10**

User Option (Usage): Used

To provide information relative to a line item adjustment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD01	426	**Adjustment Reason Code**	M	ID	2/2	Must use
		Description: Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment				
		Code **Name**				
		01 Pricing Error				
		06 Quantity Contested				
		10 Pallet/Container Charge Error				
		24 Incorrect Discount				
		54 Freight Deducted				
		55 Tax Deducted				
		98 Labor Charges				
		B7 Restocking Charge				
		BA Canadian Goods and Services Tax				
		BB Quebec Goods and Services Tax				
		BC Canadian Harmonized Goods and Services Tax				
		RM Returned Material				
CDD02	478	**Credit/Debit Flag Code**	M	ID	1/1	Must use
		Description: Code indicating whether amount is a credit or debit **All valid standard codes are used.**				
CDD04	610	**Amount**	X	N2	1/15	Used
		Description: Monetary amount				
CDD07	477	**Credit/Debit Quantity**	X	R	1/10	Used
		Description: Number of supplier units credited or debited				
		RTV File: *Quantity*				
		Chargeback File: *Difference between Invoiced Quantity and Received Quantity on Shortage Amounts* *Received Quantity for Price Discrepancy*				
CDD08	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		Code **Name**				
		EA Each				
		ZZ Mutually Defined				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD10	236	**Price Identifier Code**	X	ID	3/3	Used
		Description: Code identifying pricing specification				
		Code **Name** UCP Unit cost price				
CDD11	212	**Unit Price**	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
		RTV File: *Unit Cost*				
		Chargeback File: *Chargeback Authorization Cost*				
CDD12	236	**Price Identifier Code**	X	ID	3/3	Used
		Description: Code identifying pricing specification				
		Code **Name** ICL Unit Price Through Quantity INV Invoice Billing Price				
		THD Notes: *INV for Invoice Cost for AP files* **User Note 2:** *ICL for Extended Cost for RTV files*				
CDD13	212	**Unit Price**	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
		RTV File: *ICL for Extended Cost*				
		Chargeback File: *INV for Invoice Cost*				
CDD14	933	**Free-form Message Text**	O	AN	1/264	Used
		Description: Free-form message text				
		RTV File: *SKU description for RTV files*				

Syntax Rules:

1. R0407 - At least one of CDD04 or CDD07 is required.
2. C0711 - If CDD07 is present, then CDD11 is required.
3. P0708 - If either CDD07 or CDD08 is present, then the other is required.
4. P1011 - If either CDD10 or CDD11 is present, then the other is required.
5. P1213 - If either CDD12 or CDD13 is present, then the other is required.

Semantics:

1. CDD05 is the code indicating whether adjustment is for returned goods. A "Y" confirms that the adjustment is for returned goods.
2. CDD14 is used only to further clarify the adjustment reason code in CDD01.

Comments:

1. If comparison pricing is used, then CDD12 and CDD13 are required.

LIN Item Identification

Pos: 1700	Max: 1
Detail - Optional	
Loop: CDD	Elements: 6

User Option (Usage): Used

To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU)	M	ID	2/2	Must use
LIN03	234	**Product/Service ID** **Description:** Identifying number for a product or service **THD Requirement:** *SKU Number*	M	AN	1/48	Must use
LIN04	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** VP Vendor's (Seller's) Part Number	X	ID	2/2	Used
LIN05	234	**Product/Service ID** **Description:** Identifying number for a product or service **THD Requirement:** *Vendor Part Number*	X	AN	1/48	Used
LIN06	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** PO Purchase Order Number	X	ID	2/2	Used
LIN07	234	**Product/Service ID** **Description:** Identifying number for a product or service **RTV File:** *PO Number at Detail Level in RTV file only*	X	AN	1/48	Used

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.

8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

SE Transaction Set Trailer

Pos: 2700	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

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812 Credit/Debit Adjustment

X12/V4060/812: 812 Credit/Debit Adjustment

Author: **The Home Depot**
Modified: **06/03/2004**

812 Credit/Debit Adjustment

Functional Group=CD

This X12 Transaction Set contains the format and establishes the data contents of the Credit/Debit Adjustment Transaction Set (812) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to notify a trading partner of an adjustment or billback and may be used to request an adjustment or billback. It identifies and contains the details and amounts covering exceptions, adjustments, credits, or debits for goods or services. This transaction set is multidirectional between trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BCD	Beginning Credit/Debit Adjustment	M	1		N1/0200	Must use
0300	CUR	Currency	O	1			Must use
0400	N9	Extended Reference Information	O	>1			Used
0970	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Used
LOOP ID - N1					**200**		
1000	N1	Party Identification	M	1			Must use
1200	N3	Party Location	O	2			Must use
1300	N4	Geographic Location	C	1			Must use
LOOP ID - N1					**200**		
1000	N1	Party Identification	M	1			Must use
1200	N3	Party Location	M	2			Must use
1300	N4	Geographic Location	O	1			Must use
0400	N9	Extended Reference Information	O	>1			Must use
1520	AMT	Monetary Amount Information	M	10			Must use
1520	AMT	Monetary Amount Information	M	10			Used
1520	AMT	Monetary Amount Information	M	10			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CDD					**>1**		
1600	CDD	Credit/Debit Adjustment Detail	O	1			Must use
1700	LIN	Item Identification	O	1			Must use
LOOP ID - N11					**>1**		
2100	N11	Store Location	O	1			Must use
2200	AMT	Monetary Amount Information	O	10			Used
2200	AMT	Monetary Amount Information	O	10			Must use
2700	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/0200 BCD05 indicates whether the net of the detail is a credit or a debit.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **Code Name** 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **Code Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element **Code Name** 072271711 US Production USAP	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID,	M	AN	15/15	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** ! Exclamation Point : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **Code** **Name** 0 No Interchange Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **Code** **Name** P Production Data	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** CD Credit/Debit Adjustment (812)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **Code** **Name** 072271711 US Production USAP	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **Code** **Name** X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100 Max: 1
Heading - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code Name** 812 Credit/Debit Adjustment	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BCD Beginning Credit/Debit Adjustment

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 10**

User Option (Usage): Must use

To transmit identifying dates and numbers for the transaction set and indicate the monetary value to the receiver of the transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD01	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Debit/Credit Adjustment Date*	M	DT	8/8	Must use
BCD02	475	**Credit/Debit Adjustment Number** **Description:** Number assigned by issuer of a credit or debit memo **The Home Depot Requirements:** *Chargeback document number of an invoice*	M	AN	1/22	Must use
BCD03	305	**Transaction Handling Code** **Description:** Code designating the action to be taken by all parties **Code** **Name** H Notification Only	M	ID	1/2	Must use
BCD04	610	**Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Net Amount of Complete Transaction (Chargeback Total)*	M	N2	1/15	Must use
BCD05	478	**Credit/Debit Flag Code** **Description:** Code indicating whether amount is a credit or debit **The Home Depot Requirements:** *D=(Debit) Chargeback C=Credit (Chargeback Reversal)* **Code** **Name** C Credit D Debit	M	ID	1/1	Must use
BCD06	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Vendor's Invoice Date*	O	DT	8/8	Used
BCD07	76	**Invoice Number** **Description:** Identifying number assigned by issuer **The Home Depot Requirements:** *Vendor's Invoice Number - This is also used as the Chargeback Document Number by The Home Depot.*	O	AN	1/22	Used
BCD10	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the	O	AN	1/22	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		orderer/purchaser **The Home Depot Requirements:** *The Home Depot's PO Number*				
BCD13	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code Name** KL Contract Reference	C	ID	2/3	Used
BCD14	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *The verbiage in this field will say "FOR REBILLING INSTRUCTIONS REFER TO YOUR CONTRACT"*	X	AN	1/50	Used

Syntax:

1. R071014 - At least one of BCD07,BCD10,BCD14 is required
2. P1314 - If either BCD13,BCD14 is present, then all are required

Semantics:

1. BCD01 is the credit/debit adjustment date.
2. BCD04 is the net amount of this complete transaction.
3. BCD06 is the invoice date.
4. BCD09 is the purchase order date.

Comments:

1. If using BCD07 or BCD10, do not use BCD14 to identify invoice number or purchase order number.
2. For BCD11, only codes 00, 05, 06, 07, and 15 are permitted to be used.

CUR Currency

Pos: 0300	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** BY Buying Party (Purchaser)	M	ID	2/3	Must use
CUR02	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified **Code** **Name** CAD Canadian Dollars USD US Dollars	M	ID	3/3	Must use

Syntax:

1. C0807 - If CUR08 is present, then all of CUR07 are required
2. C0907 - If CUR09 is present, then all of CUR07 are required
3. L101112 - If CUR10 is present, then at least one of CUR11,CUR12 is required
4. C1110 - If CUR11 is present, then all of CUR10 are required
5. C1210 - If CUR12 is present, then all of CUR10 are required
6. L131415 - If CUR13 is present, then at least one of CUR14,CUR15 is required
7. C1413 - If CUR14 is present, then all of CUR13 are required
8. C1513 - If CUR15 is present, then all of CUR13 are required
9. L161718 - If CUR16 is present, then at least one of CUR17,CUR18 is required
10. C1716 - If CUR17 is present, then all of CUR16 are required
11. C1816 - If CUR18 is present, then all of CUR16 are required
12. L192021 - If CUR19 is present, then at least one of CUR20,CUR21 is required
13. C2019 - If CUR20 is present, then all of CUR19 are required
14. C2119 - If CUR21 is present, then all of CUR19 are required

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

N9 Extended Reference Information

Pos: 0400 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** GT Goods and Service Tax Registration Number	M	ID	2/3	Must use
N902	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *GST Number - For Canada Only*	X	AN	1/50	Used

Syntax:

1. R0203 - At least one of N902,N903 is required
2. C0605 - If N906 is present, then all of N905 are required

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 0970 **Max: 25**
Heading - Optional
Loop: N/A **Elements: 3**

User Option (Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified **Code** **Name** A Allowance C Charge	M	ID	1/1	Must use
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge **Code** **Name** D360 Goods and Services Tax Charge **The Home Depot Requirements:** *Canadian Only* H680 Quebec Sales Tax (QST) **The Home Depot Requirements:** *Canadian Only* H720 Provincial Sales Tax (PST) **The Home Depot Requirements:** *Canadian Only* H740 Tax - Sales and Use **The Home Depot Requirements:** *Used for all US Taxes only* H770 Harmonized Sales Tax (HST) **The Home Depot Requirements:** *Canadian Only*	C	ID	4/4	Used
SAC05	610	**Amount** **Description:** Monetary amount	O	N2	1/15	Used

Syntax:

1. R0203 - At least one of SAC02,SAC03 is required
2. P0304 - If either SAC03,SAC04 is present, then all are required
3. P0607 - If either SAC06,SAC07 is present, then all are required
4. P0910 - If either SAC09,SAC10 is present, then all are required
5. C1110 - If SAC11 is present, then all of SAC10 are required
6. C1413 - If SAC14 is present, then all of SAC13 are required
7. C1615 - If SAC16 is present, then all of SAC15 are required

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.

6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Loop N1

Pos: 1000	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1000	N1	Party Identification	M	1		Must use
1200	N3	Party Location	O	2		Must use
1300	N4	Geographic Location	C	1		Must use

N1 Party Identification

Pos: 1000 **Max: 1**
Heading - Mandatory
Loop: N1 **Elements: 2**

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** PR Payer	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *This indicates the Company Name:* *Home Depot U.S.A., Inc.* *Home Depot of Canada, Inc.* *Home Depot Puerto Rico* *H.D.V.I Holding Company, Inc.*	M	AN	1/60	Used

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 1200	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 1300 Max: 1
Heading - Conditional
Loop: N1 Elements: 4

User Option (Usage): Must use

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Used
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	C	ID	2/2	Used
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
N404	26	**Country Code** **Description:** Code identifying the country	C	ID	2/3	Used

Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop N1

Pos: 1000	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1000	N1	Party Identification	M	1		Must use
1200	N3	Party Location	M	2		Must use
1300	N4	Geographic Location	O	1		Must use
0400	N9	Extended Reference Information	O	>1		Must use
1520	AMT	Monetary Amount Information	M	10		Must use
1520	AMT	Monetary Amount Information	M	10		Used
1520	AMT	Monetary Amount Information	M	10		Must use

N1 Party Identification

Pos: 1000 Max: 1
Heading - Mandatory
Loop: N1 Elements: 2

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **The Home Depot Requirements:** *Payee (Vendor)* **Code** **Name** PE Payee	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	M	AN	1/60	Used

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 1200 Max: 2
Heading - Mandatory
Loop: N1 Elements: 2

User Option (Usage): Must use

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 1300 Max: 1
Heading - Optional
Loop: N1 Elements: 4

User Option (Usage): Must use

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Used
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	C	ID	2/2	Used
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
N404	26	**Country Code** **Description:** Code identifying the country	C	ID	2/3	Used

Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

N9 Extended Reference Information

Pos: 0400 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 2**

User Option (Usage): Must use

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** VR Vendor ID Number	M	ID	2/3	Must use
N902	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Home Depot assigned Vendor Number*	X	AN	1/50	Used

Syntax:

1. R0203 - At least one of N902,N903 is required
2. C0605 - If N906 is present, then all of N905 are required

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

AMT Monetary Amount Information

Pos: 1520 **Max: 10**
Heading - Mandatory
Loop: N1 **Elements: 2**

User Option (Usage): Must use

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **Code** **Name** ECT Subtotal	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount	M	R	1/18	Must use

AMT Monetary Amount Information

Pos: 1520 **Max: 10**
Heading - Mandatory
Loop: N1 **Elements: 2**

User Option (Usage): Used

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **Code** **Name** T Tax	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount	M	R	1/18	Must use

AMT Monetary Amount Information

Pos: 1520 **Max: 10**
Heading - Mandatory
Loop: N1 **Elements: 2**

User Option (Usage): Must use

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **Code** **Name** ECS Total	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Chargeback Total = Subtotal + Tax*	M	R	1/18	Must use

Loop CDD

Pos: 1600 Repeat: >1
Optional
Loop: CDD Elements: N/A

To provide information relative to a line item adjustment

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1600	CDD	Credit/Debit Adjustment Detail	O	1		Must use
1700	LIN	Item Identification	O	1		Must use
2100		Loop N11	O		>1	Must use

CDD Credit/Debit Adjustment Detail

Pos: 1600 **Max: 1**
Detail - Optional
Loop: CDD **Elements: 7**

User Option (Usage): Must use

To provide information relative to a line item adjustment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD01	426	**Adjustment Reason Code** **Description:** Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment **The Home Depot Requirements:** *The chargeback is due to either a pricing and / or quantity discrepancy when comparing the product receipt against the invoice* **Code Name** CS Adjustment	M	ID	2/2	Must use
CDD02	478	**Credit/Debit Flag Code** **Description:** Code indicating whether amount is a credit or debit **Code Name** C Credit D Debit	M	ID	1/1	Must use
CDD04	610	**Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Chargeback Amount*	C	N2	1/15	Used
CDD10	236	**Price Identifier Code** **Description:** Code identifying pricing specification **Code Name** UCP Unit cost price	C	ID	3/3	Used
CDD11	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **The Home Depot Requirements:** *Vendor Cost for Invoice Line Item*	C	R	1/17	Used
CDD12	236	**Price Identifier Code** **Description:** Code identifying pricing specification **Code Name** EUP Expected Unit Price	C	ID	3/3	Used
CDD13	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **The Home Depot Requirements:** *Home Depot Cost per PO Line Item*	C	R	1/17	Used

Syntax:

1. R0407 - At least one of CDD04,CDD07 is required
2. C0711 - If CDD07 is present, then all of CDD11 are required
3. P0708 - If either CDD07,CDD08 is present, then all are required
4. P1011 - If either CDD10,CDD11 is present, then all are required
5. P1213 - If either CDD12,CDD13 is present, then all are required

Semantics:

1. CDD05 is the code indicating whether adjustment is for returned goods. A "Y" confirms that the adjustment is for returned goods.
2. CDD14 is used only to further clarify the adjustment reason code in CDD01.

Comments:

1. If comparison pricing is used, then CDD12 and CDD13 are required.

LIN Item Identification

Pos: 1700 Max: 1
Detail - Optional
Loop: CDD Elements: 7

User Option (Usage): Must use

To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *PO Line Item Number*	O	AN	1/20	Used
LIN02	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code Name** PD Part Number Description	M	ID	2/2	Must use
LIN03	234	**Product/Service ID** **Description:** Identifying number for a product or service	M	AN	1/48	Must use
LIN04	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code Name** VP Vendor's (Seller's) Part Number ZZ Mutually Defined - Unit of Measure	M	ID	2/2	Must use
LIN05	234	**Product/Service ID** **Description:** Identifying number for a product or service **The Home Depot Requirements:** *If vendor part number is not available, then the unit of measure information will be mapped here.*	M	AN	1/48	Must use
LIN06	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code Name** ZZ Mutually Defined - Unit of Measure	M	ID	2/2	Used
LIN07	234	**Product/Service ID** **Description:** Identifying number for a product or service **The Home Depot Requirements:** *If vendor part number is available, then the unit of measure information will be mapped here.*	M	AN	1/48	Used

Syntax:

1. P0405 - If either LIN04,LIN05 is present, then all are required
2. P0607 - If either LIN06,LIN07 is present, then all are required
3. P0809 - If either LIN08,LIN09 is present, then all are required
4. P1011 - If either LIN10,LIN11 is present, then all are required
5. P1213 - If either LIN12,LIN13 is present, then all are required
6. P1415 - If either LIN14,LIN15 is present, then all are required
7. P1617 - If either LIN16,LIN17 is present, then all are required

8. P1819 - If either LIN18,LIN19 is present, then all are required
9. P2021 - If either LIN20,LIN21 is present, then all are required
10. P2223 - If either LIN22,LIN23 is present, then all are required
11. P2425 - If either LIN24,LIN25 is present, then all are required
12. P2627 - If either LIN26,LIN27 is present, then all are required
13. P2829 - If either LIN28,LIN29 is present, then all are required
14. P3031 - If either LIN30,LIN31 is present, then all are required

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop N11

Pos: 2100	Repeat: >1
Optional	
Loop: N11	Elements: N/A

To specify store numbers related to specific addresses for deliveries

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2100	N11	Store Location	O	1		Must use
2200	AMT	Monetary Amount Information	O	10		Used
2200	AMT	Monetary Amount Information	O	10		Must use

N11 Store Location

Pos: 2100	Max: 1
Detail - Optional	
Loop: N11	Elements: 1

User Option (Usage): Must use

To specify store numbers related to specific addresses for deliveries

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N1101	614	**Store Number** **Description:** A number assigned to uniquely identify a retail outlet or store **The Home Depot Requirements:** *This will reflect "HOME DEPOT"*	M	AN	1/10	Must use

Semantics:

1. N1102 is the area within the selling location.
2. N1103 is the sales commission plan number.

AMT Monetary Amount Information

Pos: 2200 **Max: 10**
Detail - Optional
Loop: N11 **Elements: 2**

User Option (Usage): Used

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **Code** **Name** AT Total Received	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Total Quantity Received*	M	R	1/18	Must use

AMT Monetary Amount Information

Pos: 2200 **Max: 10**
Detail - Optional
Loop: N11 **Elements: 2**

User Option (Usage): Must use

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **Code** **Name** 5 Total Invoice Amount	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Invoiced Quantity for Line Item*	M	R	1/18	Must use

SE Transaction Set Trailer

Pos: 2700 **Max: 1**
Detail - Mandatory
Loop: N/A **Elements: 2**

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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VERSION 4060 Merchandise Supplier EDI Chargeback (812) – Example for Home Depot

*ISA*00* *00* *14*0722717110300 *(YOUR 2 DIGIT QUALIFIER)*(YOUR ISA ID) *120830*0609*|*00406*000204267*0*T*>.*
*GS*CD*072271711*(YOUR GS ID)*20120830*0609*5203*X*004060.*
*ST*812*000947828.*
*BCD*20120830(DATE)*0*A*45000(CHARGEBACK TOTAL)*D(CREDIT/DEBIT FLAG CODE)*20120501((DATE)*BLK0123(INVOICE #)***86901010(*PO #)***ST*6986.*
*N9*VR*000102180(AP VENDOR #).*
*N9*VV*BLACKN(*(VOUCHER #).*
*N9*RV*698622723*(RECEIVING #).*
*N9*DP*25(DEPT #).*
*N9*FR*NONE(FREIGHT BILL #).*
*FOB*CC(SHIPMENT METHOD OF PAYMENT)****ZZZ*DE*DESTINATION.*
*SHD*1(CARTONS SHIPPED)*1(CARTONS RECEIVED)*CT**********ZZ*V1(CARRIER NAME).*
*N1*BT*BLACK & DECKER (US) INC(VENDOR NAME).*
*N3*CONTACT BRENDA BROWN*701 E JOPPA D(STREET ADDRESS).*
*N4*TOWSON(city)*MD(STATE/PROVINCE)*21286(POSTAL CODE).*
*CDD*01(ADJUSTMENT REASON CODE)*D(CREDIT/DEBIT FLAG CODE)**45000(AMOUNT)***1(QUANTITY)*ZZ**UCP*50(VENDOR COST)*INV*500(INVOICE COST).*
*LIN**SK**1000123456(SKU #)*VP* (VENDOR PART #).*
*SE*15*000947828.*
GE*1**5203~*
IEA*1**000204267~*

*Review THD's EDI Chargeback 812 PO Specifications or call your EDI contact for further clarification.

Version 4060 Merchandise Supplier EDI RTV (812) – Example for Home Depot

ISA*00* *00* *14*0722717110100 **YOUR 2 DIGIT QUALIFIER*YOUR ISA ID*031211*2236*|*00406*000006325*0*P*>~
GS*CD*072271711**YOUR GS ID*20060320*2236*4730*X*004060~
ST*812*000947814.
BCD*20120823(*CCYYMMDD*)*086158948(*RTV #)*O*140012(*CHARGEBACK TOTAL*)*D(*CREDIT/DEBIT FLAG CODE*)**0000000000******ST*8615.
N9*VR*000102180(*AP VENDOR #)*.
N9*RZ*1233HD1(*(RGA #)*.
N9*MR*000010564.
N9*DP*25*(DPT #)*.
N9*FR*093-1589716(Freight Bill Number).
N9*L1*01(Letters).
N9*ZZ*07**(DISPOSAL CODE)*.
N9*FS*093-1589716(Final Sequence Number).
N9*2I*ESTES EXPRESS LINES(Tracking Number).
N9*MB*000054173(Master Bill of Lading).
FOB*PP(Shipment Method).
SHD*0*0*CT********EXLA.
N1*BT*BLACK & DECKER (US) INC(*VENDOR NAME)*.
N3*CONTACT BRENDA BROWN*701 E JOPPA RD(*STREET ADDRESS)*.
N4*TOWSON(CITY)*MD(*STATE/PROVINCE*)*21286(POSTAL CODE).
N1*ST*PORTER CABLE/DELTA(*VENDOR NAME)*.
N3*100 PASSMORE LANE(*STREET ADDRESS)*.
N4*JACKSON(CITY)*TN(*STATE/PROVINCE*)*38305(POSTAL CODE).
N1*SN*INDIANAPOLIS RLC(*HOME DEPOT STORE NUMBER)*.
N3*1390 SOUTH PERRY ROAD(*STREET ADDRESS)*.
N4*PLAINFIELD(CITY)*IN(*STATE/PROVINCE*)*46168(POSTAL CODE).
CDD*RM(*ADJUSTMENT REASON CODE*)*D(*CREDIT/DEBIT FLAG CODE*)**3600(*AMOUNT*)***3(QUANTITY)*EA**UCP*120(VENDOR COST)*ICL*360(UNIT PRICE)*PC 2-1/2IN 16GA FINISH NAILER.LIN(SKU DESCRIPTION)**SK*1000123456 (SKU #)*VP*FN250C(VENDOR PART #)*PO*15782099(PO #).
CDD*RM*D**980***1*EA**UCP*98*ICL*98*PC 23 GAUGE 1 3/8IN PIN NAILER.
LIN**SK*1000123456(SKU #)*VP*PIN138(VENDOR PART #)*PO*15755185.
CDD*RM*D**7120***4*EA**UCP*178*ICL*712*PC 1 3/4IN COIL ROOFING NAILER.LIN**SK*1000123456(SKU #)**VP*RN175A(VENDOR PART #)*PO*15708292.
CDD*RM*D**1028***2*EA**UCP*51.42*ICL*102.84*18GA 1 3/8" BRAD NAILER.
LIN**SK*1000123456 (SKU #)*VP*BN138(VENDOR PART #)*PO*15798274.
CDD*RM*D**12728***0*EA**UCP*0.
SE*34*000947814
GE*1*4730~
IEA*1*000006325~

*Review THD’s EDI RTV 812 PO Specifications or call your EDI contact for further clarification.

US/CAN Version 4060 Non-Merchandise Supplier EDI Chargeback (812)

ISA*00* *00* *14*072271711USAP **YOUR 2 DIGIT QUALIFIER *YOUR ISA ID*040422*1534*|*00406*000000044*0*P*>~
GS*CD*072271711USAP*YOUR GS ID*20040422*153455*38*X*004060~
ST*812*0038~
BCD*CCYYMMDD**ADJUSTMENT#*H*CHARGEBACK TOTAL*D*CCYYMMDD(Invoice date)*INVOICE# ***VALID 10-DIGIT HD PO #***KL*FOR REBILLING INSTRUCTIONS REFER TO YOUR CONTRACT~
CUR*BY*USD~
SAC*C*H740***1127~ (e.g. tax charge of $11.27)
N1*PR*Home Depot U.S.A., Inc.~
N3*2455 Paces Ferry Road~
N4*Atlanta*GA*30339*US~
N1*PE*VENDOR NAME~
N3*STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
N9*VR*YOUR VENDOR#~
AMT*ECT*225.4~ (Subtotal)
AMT*T*11.27~ (Tax)
AMT*ECS*236.67~ (Chargeback Total = Subtotal + Tax)
CDD*CS*D**CHARGEBACK AMT******UCP*VENDOR COST*EUP*EXPECTED COST~
LIN*20(Line Item # from PO)*PD**PRODUCT/SERVICE ID*VP**VENDOR PART# *ZZ*EA~
N11*HOME DEPOT~
AMT*AT*15~
AMT*5*15~
CDD*CS*D** CHARGEBACK AMT ******UCP* VENDOR COST *EUP* EXPECTED COST ~
LIN*30(Line Item # from PO)*PD**PRODUCT/SERVICE ID*VP**VENDOR PART#*ZZ*EA~
N11*HOME DEPOT~
AMT*AT**TOTAL RECEIVED~*
AMT*5**INVOICED QTY FOR LINE ITEM~*
SE*25*0038~
GE*1*38~
IEA*1*000000044~

NOTES:
· This example represents all segments and elements that Home Depot maps. Please refer to the 812 specifications for additional conditions regarding when to map the above segments and elements.
· The Canadian example will be the same except for the HD I.D. (072271711CANP) and the Currency (CAD).

CHARGEBACK TYPE CODES

The codes below are solely used to identify Chargeback 812 types.

Chargeback Type	Corresponding EDI Value
Pricing Error	CDD*01
Quantity Contested	CDD*06
Pallet/Container Charge Error	CDD*10
Incorrect Discount	CDD*24
Freight Charge	CDD*54
City Tax	CDD*55
State Tax	CDD*55
Labor Charges	CDD*98
Restocking Charge	CDD*B7
Canadian Goods and Services Tax	CDD*BA
Quebec Goods and Services Tax	CDD*BB
Canadian Harmonized Goods and Services Tax	CDD*BC

RTV REASON TYPE CODES

For every RTV 812 received, both a Reason Type Code and a Disposal Type code will be present in the header of the document to identify the RTV situation.

RTV Reason Type Codes	Corresponding EDI Value
00 - Void	N9*L1*00.
01 - Manufacturer Defect	N9*L1*01.
02 - Non-Stock	N9*L1*02.
03 – Mis-Ship or Defective	N9*L1*03.
04 - Installed Defective Merch	N9*L1*04.
05 - Installer Error	N9*L1*05.
06 - Buyback	N9*L1*06.
07 – Not Used	
08 – Damaged, Not by Vendor	N9*L1*08.
09 - Pkg Damaged/Missing	N9*L1*09.
10 - Dead Plant	N9*L1*10.
11 - Product Safety Issue	N9*L1*11.
12 - Missing Parts	N9*L1*12.
13 - Vendor Err Mis-ship	N9*L1*13.
14 - Customer Choice	N9*L1*14.
15 - Ordered Incorrectly	N9*L1*15.
16 - Lost Item	N9*L1*16.
17 - Pallet Return	N9*L1*17.
18 – Supplier Frght Claim Concealed	N9*L1*18.
19 – Supplier Freight Claim Visible	N9*L1*19.
20 - Labor Charge Back	N9*L1*20.
21 - Safety Recall	N9*L1*21.
22 - E-Crate	N9*L1*22.
23 - Self Service	N9*L1*23.
24 – Vend DirectShipNotRecvd	N9*L1*24.
25 - Auto RTV PTS Vendor	N9*L1*25.
26 – Store Damaged	N9*L1*26.
27 – Markdown to Zero	N9*L1*27.
28 – Depot Direct Auto Cancel	N9*L1*28.

29 – Automated Buyback	N9*L1*29.
30 – Safety Recall	N9*L1*30.

RTV Disposal Type Codes	Corresponding EDI Value
00 - Void	N9*ZZ*00.
01 - Destroy up to max $	N9*ZZ*01.
02 - RTV/Chk Req & Destroy	N9*ZZ*02.
03 - Create RTV & Return	N9*ZZ*03.
04 - Return Repair	N9*ZZ*04.
05 - Destroy Credit	N9*ZZ*05.
06 - Hold Parts Replacement	N9*ZZ*06.
07 - Return Credit Defective	N9*ZZ*07.
08 - Destroy Credit Defective	N9*ZZ*08.
09 - Return Credit Non/Defective	N9*ZZ*09.
10 - No Credit Non/Defective	N9*ZZ*10.
11 - Sec Disposition Repair	N9*ZZ*11.
12 - Delete from Cage	N9*ZZ*12.
13 - Self Service Destroy	N9*ZZ*13.
14 - Process For Credit	N9*ZZ*14.

THE HOME DEPOT

EDI 816

Organization/Store Listing

816 Organizational Relationships

X12/V3040/816: 816 Organizational Relationships

Version: 6.06

Author: Supplier Services
Modified: 06/07/2006

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816 Organizational Relationships

Functional Group=OR

This Draft Standard for Trial Use contains the format and establishes the data contents of the Organizational Relationships Transaction Set (816) within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to transmit pertinent information about a parent organization, its members and the relationship of a member to another member, and/or to the parent organization. A parent organization could be an association, a multi-hospital system, a chain of retail stores, a holding company, etc.This transaction set can be used to convey the identity and relationship of members to a parent organization; identify eligibility to purchase under the terms and conditions negotiated by a parent organization on behalf of its members; and to update application databases.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BHT	Beginning of Hierarchical Transaction	M	1			Must use
LOOP ID - N1					**>1**	**N1/040L**	
040	N1	Name	M	1		N1/040	Must use
060	N3	Address Information	O	2			Used
070	N4	Geographic Location	O	1			Used
080	PER	Administrative Communications Contact	O	3			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**>1**		
010	HL	Hierarchical Level	M	1			Must use
LOOP ID - N1					**>1**	**N2/020L**	
020	N1	Name	M	1		N2/020	Must use
040	N3	Address Information	O	2			Used
050	N4	Geographic Location	O	1			Used
060	PER	Administrative Communications Contact	O	3			Used
070	REF	Reference Numbers	O	12			Used
090	DTM	Date/Time Reference	O	10			Used
110	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/040L The N1 loop shall identify the transaction set issuer and optionally provide contact information if necessary.

1/040 The N1 loop shall identify the transaction set issuer and optionally provide contact information if necessary.

2/020L N105, when used, defines the relationship of the entity designated in N102 or N104 to its parent organization.

2/020 N105, when used, defines the relationship of the entity designated in N102 or N104 to its parent organization.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of one or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code to identify the type of information in the Authorization Information **Code** **Name** 00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the sender or the data in the interchange. The type of information is set by the Authorization Information Qualifier.				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code to identify the type of information in the Security Information **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the sender or the data in the interchange. The type of information is set by the Security Information Qualifier.				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer **All valid standard codes are used.**				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		Code **Name** 00304 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1993				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code sent by the sender to request an interchange acknowledgment				
		Code **Name** 0 No Acknowledgment Requested				
ISA15	I14	**Test Indicator**	M	ID	1/1	Must use
		Description: Code to indicate whether data enclosed by this interchange envelope is test or production				
		Code **Name** P Production Data				
ISA16	I15	**Subelement Separator**	M	AN	1/1	Must use
		Description: This is a field reserved for future expansion in separating data element subgroups. (In the interest of a migration to international standards, this must be different from the data element separator).				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** OR Organizational Relationship (816)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date (YYMMDD)	M	DT	6/6	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code used in conjunction with Data Element 480 to identify the issuer of the standard **Code** **Name** X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M	AN	1/12	Must use

Code	Name
003040	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1993

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set.				
		Code **Name** 816 X12.66 Organization Relationship				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

BHT Beginning of Hierarchical Transaction

Pos: 020 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 5**

User Option (Usage): Must use

To define the business hierarchical structure of the transaction set and identify the business application purpose and reference data; i.e., number, date, and time

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BHT01	1005	**Hierarchical Structure Code**	M	ID	4/4	Must use
		Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set.				
		Code **Name** 0065 Company, Operating Unit				
BHT02	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set.				
		Code **Name** 05 Replace				
BHT03	127	**Reference Number**	M	AN	1/30	Must use
		Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
		The Home Depot Requirements: *This is for The Home Depot's internal use only. The trading partner should not map or use this field in any manner.*				
BHT04	373	**Date**	M	DT	6/6	Must use
		Description: Date (YYMMDD).				
BHT05	337	**Time**	O	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				

Semantics:

1. BHT03 is the number assigned by the originator to identify the transaction within the originator's business application system.
2. BHT04 is the date the transaction was created within the business application system.
3. BHT05 is the time the transaction was created within the business application system.

Loop N1

Pos: 040	Repeat: >1
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

To identify a party by type of organization, name and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
040	N1	Name	M	1		Must use
060	N3	Address Information	O	2		Used
070	N4	Geographic Location	O	1		Used
080	PER	Administrative Communications Contact	O	3		Used

N1 Name

Pos: 040	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Must use

To identify a party by type of organization, name and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying an organizational entity, a physical location, or an individual				
		Code **Name** CQ Corporate Office				
N102	93	**Name**	X	AN	1/35	Used
		Description: Free-form name.				
		The Home Depot Requirements: *"The Home Depot"*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Address Information

Pos: 060	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information **The Home Depot Requirements:** *Corporate Office Street Address*	M	AN	1/35	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/35	Used

N4 Geographic Location

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name.				
		The Home Depot Requirements: *Corporate Office City*				
N402	156	**State or Province Code**	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency.				
		The Home Depot Requirements: *Corporate Office State*				
N403	116	**Postal Code**	O	ID	3/9	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States).				
		The Home Depot Requirements: *Corporate Office Zip / Postal Code*				
N404	26	**Country Code**	O	ID	2/3	Used
		Description: Code identifying the country.				
		The Home Depot Requirements: *Corporate Office Country Code*				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the USA or Canada.

PER Administrative Communications Contact

Pos: 080	Max: 3
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named.				
		Code **Name** IC Information Contact				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number.				
		Code **Name** TE Telephone				
PER04	364	**Communication Number**	X	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable.				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.

Loop HL

Pos: 010	Repeat: >1
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	HL	Hierarchical Level	M	1		Must use
020		Loop N1	M		>1	Must use

HL Hierarchical Level

Pos: 010	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure.				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure.				

Code	Name
36	Operating Unit

Comments:

1. The HL Segment is used to identify levels of detail information using a Hierarchical Structure, such as relating line item data to shipment data, and packaging data to line item data.
2. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment, and would be incremented by one in each subsequent HL segment within the transaction.
3. HL02 identifies the Hierarchical ID Number of the HL segment to which the current HL segment is subordinate.
4. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order or item level information.
5. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Loop N1

Pos: 020	Repeat: >1
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

To identify a party by type of organization, name and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
020	N1	Name	M	1		Must use
040	N3	Address Information	O	2		Used
050	N4	Geographic Location	O	1		Used
060	PER	Administrative Communications Contact	O	3		Used
070	REF	Reference Numbers	O	12		Used
090	DTM	Date/Time Reference	O	10		Used

N1 Name

Pos: 020	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying an organizational entity, a physical location, or an individual				
		Code **Name** BG Buying Office SN Store WH Distribution Center				
N102	93	**Name**	X	AN	1/35	Used
		Description: Free-form name.				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67).				
		Code **Name** 92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/17	Used
		Description: Code identifying a party or other code.				
		The Home Depot Requirements: *Will be 4-digit location number.*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Address Information

Pos: 040	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/35	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/35	Used

N4 Geographic Location

Pos: 050	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name.				
N402	156	**State or Province Code**	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency.				
N403	116	**Postal Code**	O	ID	3/9	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States).				
N404	26	**Country Code**	O	ID	2/3	Used
		Description: Code identifying the country.				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404 (or N405 and N406) may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the USA or Canada.

PER Administrative Communications Contact

Pos: 060	Max: 3
Detail - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named.				
		Code **Name** IC Information Contact				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number.				
		Code **Name** TE Telephone				
PER04	364	**Communication Number**	X	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable.				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.

REF Reference Numbers

Pos: 070	Max: 12
Detail - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

To specify identifying numbers.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Number Qualifier**	M	ID	2/2	Must use
		Description: Code qualifying the Reference Number.				
		Code **Name** 3J Buying Office Number LU Location Number (Store Relocations Only) QU Merchandising Market for this Store ZZ Mutually Defined (Store Relocations Only)				
REF02	127	**Reference Number**	X	AN	1/30	Used
		Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
REF03	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content.				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

DTM Date/Time Reference

Pos: 090	Max: 10
Detail - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time.				
		Code **Name** 145 Opening Date 146 Closing Date				
DTM02	373	**Date**	X	DT	6/6	Used
		Description: Date (YYMMDD).				
DTM05	624	**Century**	O	N0	2/2	Used
		Description: The first two characters in the designation of the year (CCYY).				

Syntax Rules:

1. R020306 - At least one of DTM02, DTM03 or DTM06 is required.
2. P0607 - If either DTM06 or DTM07 is present, then the other is required.

SE Transaction Set Trailer

Pos: 110	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments.				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of one or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in a transmission.				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.				

US/CAN-Version 3040 EDI OR (816)—Example for The Home Depot

```
ISA*00*          *00*          *14*0722717110100  *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID        *020105*091
0*U*00304*000006335(INTERCHANGE CONTROL #)*0*P*>~
GS*OR*072271711*YOUR GS ID*020105*0910*58(GROUP CONTROL #)*X*003040~
ST*816*000000058~
BHT*0065*05*20020105000000000000001*020105~
N1*CQ*THE HOME DEPOT~
N3*2455 PACES FERRY RD~
N4*ATLANTA*GA*30339*US~
PER*IC**TE*7704338211~
HL*1**36~
N1*BG*MIDSOUTH*92*0001~
N3*3895 CUMBERLAND PKWY~
N4*ATLANTA*GA*30339*US~
PER*IC**TE*7704329912~
DTM*145*790101***19~
DTM*146*991231***99~
HL*2**36~
N1*WH*AA EXPO CHICAGO DC*92*5040~
N3*2881 CARL BLVD~
N4*ELK GROVE VILLAGE*IL*60007*US~
PER*IC**TE*1111111111~
DTM*145*010122***20~
DTM*146*991231***99~
HL*3**36~
N1*WH*DALLAS CROSSDOCK (R)*92*5585~
N3*1102 WEST FREEWAY~
N4*GRAND PRARIE*TX*75051*US~
PER*IC**TE*9722642741~
DTM*145*001120***20~
DTM*146*991231***99~
HL*4**36~
N1*SN*CUMBERLAND*92*0121~
N3*2450 CUMBERLAND PKWY~
N4*ATLANTA*GA*30339*US~
PER*IC**TE*7704329930~
REF*3J*0001~
REF*QU*1~
DTM*145*930408***19~
DTM*146*991231***99~
SE*37*000000058~
GE*1*58~
IEA*1*000006335~
```

NOTES:

- This example represents all segments and elements that Home Depot maps. Please refer to the 816 specifications for additional explanations.

THE HOME DEPOT

EDI 820

Remittance Advice

820 Remittance Advice

X12/V4060/820: 820 Remittance Advice

Version: 1.0 Final

Author:	**The Home Depot**
Publication:	
Created:	**09/21/2004**
Notes:	**Effective Date - 06/01/2004**

820 Payment Order/Remittance Advice

Functional Group=RA

This X12 Transaction Set contains the format and establishes the data contents of the Payment Order/Remittance Advice Transaction Set (820) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to make a payment, send a remittance advice, or make a payment and send a remittance advice. This transaction set can be an order to a financial institution to make a payment to a payee. It can also be a remittance advice identifying the detail needed to perform cash application to the payee's accounts receivable system. The remittance advice can go directly from payer to payee, through a financial institution, or through a third party agent.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BPR	Beginning Segment for Payment Order/Remittance Advice	M	1			Must use
0350	TRN	Trace	O	1		C1/0350	Must use
0400	CUR	Currency	O	1		C1/0400	Must use
0500	REF	Reference Information	O	>1			Must use
0600	DTM	Date/Time Reference	O	>1			Must use
LOOP ID - N1					**>1**	**C1/0700L**	
0700	N1	Party Identification	O	1		C1/0700	Must use
1100	REF	Reference Information	O	>1			Must use
0700	N1	Party Identification	O	1		C1/0700	Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - ENT					**>1**	**CN2/0100L**	
0100	ENT	Entity	O	1		CN2/0100	Must use
LOOP ID - RMR					**>1**	**C2/1500L**	
1500	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		C2/1500	Must use
1600	NTE	Note/Special Instruction	O	>1			Used
1700	REF	Reference Information	O	>1			Used
1800	DTM	Date/Time Reference	O	>1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/0100L The ENT loop is for vendor or consumer third party consolidated payments.

2/0100 The ENT loop is for vendor or consumer third party consolidated payments.

Comments:

1/0350 The TRN segment is used to uniquely identify a payment order/remittance advice.

1/0400	The CUR segment does not initiate a foreign exchange transaction.
1/0700 L	The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
1/0700	The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
1/0700	The N1 loop allows for name/address information for the payer and payee which would be utilized to address remittance(s) for delivery.
2/0100 L	ENT09 may contain the payee's accounts receivable customer number.
2/0100	ENT09 may contain the payee's accounts receivable customer number.
2/1500 L	Loop RMR is for open items being referenced or for payment on account.
2/1500	Loop RMR is for open items being referenced or for payment on account.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **Code Name** 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **Code Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element **Code Name** 072271711 Canada Production CANP 072271711 US Production USAP	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published	M	AN	15/15	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **Code** **Name** 0 No Interchange Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **Code** **Name** P Production Data	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RA Payment Order/Remittance Advice (820)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **Code** **Name** 072271711 CANP Canada Production 072271711 USAP US Production	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **Code** **Name** X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				
		Code **Name**				
		004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100 Max: 1
Heading - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **The Home Depot Requirements:** *820 = Payment Order Remittance Advice* **Code Name** 820 Payment Order/Remittance Advice	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set **The Home Depot Requirements:** *Must match the SE02*	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BPR Beginning Segment for Payment Order/Remittance Advice

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 5**

User Option (Usage): Must use

To indicate the beginning of a Payment Order/Remittance Advice Transaction Set and total payment amount, or to enable related transfer of funds and/or information from payer to payee to occur

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BPR01	305	**Transaction Handling Code** **Description:** Code designating the action to be taken by all parties **Code** **Name** I Remittance Information Only	M	ID	1/2	Must use
BPR02	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Total amount of check (remittance amount)*	M	R	1/18	Must use
BPR03	478	**Credit/Debit Flag Code** **Description:** Code indicating whether amount is a credit or debit **Code** **Name** C Credit	M	ID	1/1	Must use
BPR04	591	**Payment Method Code** **Description:** Code identifying the method for the movement of payment instructions **Code** **Name** ACH Automated Clearing House (ACH) CHK Check FWT Federal Reserve Funds/Wire Transfer - Nonrepetitive	M	ID	3/3	Must use
BPR05	812	**Payment Format Code** **Description:** Code identifying the payment format to be used **Code** **Name** PBC Commercial/Corporate Check	O	ID	1/10	Must use

Syntax:

1. P0607 - If either BPR06,BPR07 is present, then all are required
2. C0809 - If BPR08 is present, then all of BPR09 are required
3. P1213 - If either BPR12,BPR13 is present, then all are required
4. C1415 - If BPR14 is present, then all of BPR15 are required
5. P1819 - If either BPR18,BPR19 is present, then all are required
6. C2021 - If BPR20 is present, then all of BPR21 are required

Semantics:

1. BPR02 specifies the payment amount.
2. When using this transaction set to initiate a payment, all or some of BPR06 through BPR16 may be required, depending on the conventions of the specific financial channel being used.
3. BPR06 and BPR07 relate to the originating depository financial institution (ODFI).
4. BPR08 is a code identifying the type of bank account or other financial asset.
5. BPR09 is the account of the company originating the payment. This account may be debited or credited depending on the type of payment order.
6. BPR10 shall be mutually established between the originating depository financial institution (ODFI) and the company originating the payment.

7. BPR12 and BPR13 relate to the receiving depository financial institution (RDFI).
8. BPR14 is a code identifying the type of bank account or other financial asset.
9. BPR15 is the account number of the receiving company to be debited or credited with the payment order.
10. BPR16 is the date the originating company intends for the transaction to be settled (i.e., Payment Effective Date).
11. BPR17 is a code identifying the business reason for this payment.
12. BPR18, BPR19, BPR20 and BPR21, if used, identify a third bank identification number and account to be used for return items only.
13. BPR20 is a code identifying the type of bank account or other financial asset.

TRN Trace

Pos: 0350 **Max: 1**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Must use

To uniquely identify a transaction to an application

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TRN01	481	**Trace Type Code** **Description:** Code identifying which transaction is being referenced **Code** **Name** 1 Current Transaction Trace Numbers	M	ID	1/2	Must use
TRN02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Accounting Document Number assigned by SAP - maximum of 10 Digits.*	M	AN	1/50	Must use

Semantics:

1. TRN02 provides unique identification for the transaction.
2. TRN03 identifies an organization.
3. TRN04 identifies a further subdivision within the organization.

CUR Currency

Pos: 0400 **Max: 1**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Must use

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** BY Buying Party (Purchaser)	M	ID	2/3	Must use
CUR02	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified **The Home Depot Requirements:** *USD = US Dollars, CAD = Canadian dollars*	M	ID	3/3	Must use

Syntax:

1. C0807 - If CUR08 is present, then all of CUR07 are required
2. C0907 - If CUR09 is present, then all of CUR07 are required
3. L101112 - If CUR10 is present, then at least one of CUR11,CUR12 is required
4. C1110 - If CUR11 is present, then all of CUR10 are required
5. C1210 - If CUR12 is present, then all of CUR10 are required
6. L131415 - If CUR13 is present, then at least one of CUR14,CUR15 is required
7. C1413 - If CUR14 is present, then all of CUR13 are required
8. C1513 - If CUR15 is present, then all of CUR13 are required
9. L161718 - If CUR16 is present, then at least one of CUR17,CUR18 is required
10. C1716 - If CUR17 is present, then all of CUR16 are required
11. C1816 - If CUR18 is present, then all of CUR16 are required
12. L192021 - If CUR19 is present, then at least one of CUR20,CUR21 is required
13. C2019 - If CUR20 is present, then all of CUR19 are required
14. C2119 - If CUR21 is present, then all of CUR19 are required

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** ZZ Mutually Defined	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *If BPR04 (Payment Method Code) is CHK, this will represent the Check Number. If BPR04 is ACH or FWT, this will represent the Accounting Document Number assigned by SAP.* *This number will be a maximum of 10 digits.*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DTM Date/Time Reference

Pos: 0600 Max: >1
Heading - Optional
Loop: N/A Elements: 2

User Option (Usage): Must use

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **The Home Depot Requirements:** *Will use "020" for check date* **Code** **Name** 020 Check	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Payment Effective Date*	X	DT	8/8	Must use

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

Loop N1

Pos: 0700 Repeat: >1
Optional
Loop: N1 Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	N1	Party Identification	O	1		Must use
1100	REF	Reference Information	O	>1		Must use
0700	N1	Party Identification	O	1		Must use

The Home Depot Requirements:

N1 Loop representing Payee and Payer Information

N1 Party Identification

Pos: 0700 Max: 1
Heading - Optional
Loop: N1 Elements: 2

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** PE Payee	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Payee Name*	X	AN	1/60	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

REF Reference Information

Pos: 1100	Max: >1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** VR Vendor ID Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Home Depot Vendor Number - maximum of 10 digits*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

N1 Party Identification

Pos: 0700 Max: 1
Heading - Optional
Loop: N1 Elements: 2

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** PR Payer	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Payer Name*	X	AN	1/60	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop ENT

Pos: 0100 Repeat: >1
Optional
Loop: ENT Elements: N/A

To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	ENT	Entity	O	1		Must use
1500		Loop RMR	O		>1	Must use

ENT Entity

Pos: 0100	Max: 1
Detail - Optional	
Loop: ENT	Elements: 1

User Option (Usage): Must use

To designate the entities which are parties to a transaction and specify a reference meaningful to those entities

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ENT01	554	**Assigned Number** **Description:** Number assigned for differentiation within a transaction set	O	N0	1/6	Must use

Syntax:

1. P020304 - If either ENT02,ENT03,ENT04 is present, then all are required
2. P050607 - If either ENT05,ENT06,ENT07 is present, then all are required
3. P0809 - If either ENT08,ENT09 is present, then all are required

Comments:

1. This segment allows for the grouping of data by entity/entities at or within a master/masters. A master (e.g., an organization) can be comprised of numerous subgroups (e.g., entities). This master may send grouped data to another master (e.g., an organization) which is comprised of one or more entities. Groupings are as follows:
2. (1) Single/Single: Only ENT01 is necessary, because there is a single entity (the sending master) communicating with a single entity (the receiving master).
3. (2) Single/Multiple: ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master. The sending master is a single entity, so no other data elements need be used.
4. (3) Multiple/Single: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. The receiving master is a single entity, so no other data elements need be used.
5. (4) Multiple/Multiple: ENT02, ENT03, and ENT04 would be used to identify the entities within the sending master. ENT05, ENT06, and ENT07 would be used to identify the entities within the receiving master.
6. This segment also allows for the transmission of a unique reference number that is meaningful between the entities.

Loop RMR

Pos: 1500 Repeat: >1
Optional
Loop: RMR Elements: N/A

To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	RMR	Remittance Advice Accounts Receivable Open Item Reference	O	1		Must use
1600	NTE	Note/Special Instruction	O	>1		Used
1700	REF	Reference Information	O	>1		Used
1800	DTM	Date/Time Reference	O	>1		Must use

RMR Remittance Advice Accounts Receivable Open Item Reference

Pos: 1500 **Max: 1**
Detail - Optional
Loop: RMR **Elements: 7**

User Option (Usage): Must use

To specify the accounts receivable open item(s) to be included in the cash application and to convey the appropriate detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
RMR01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** BM Bill of Lading Number CC Contract Co-op Number CK Check Number CM Buyer's Credit Memo CR Customer Reference Number DC Dealer purchase order number **The Home Depot Requirements:** *Direct Connect Date* FI File Identifier IV Seller's Invoice Number MC Microfilm Number **The Home Depot Requirements:** *Home Depot voucher number* NB Letter of Credit Number OS Outbound-from Party **The Home Depot Requirements:** *RTV (Return to Vendor) number* PO Purchase Order Number RV Receiving Number **The Home Depot Requirements:** *Keyrec Number* RZ Returned Goods Authorization Number ST Store Number TN Transaction Reference Number VR Vendor ID Number	X	ID	2/3	Must use
RMR02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Must use
RMR04	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Net amount paid (Gross Amount - (minus) Cash Discount Amount)*	O	R	1/18	Must use
RMR05	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Gross amount of document*	O	R	1/18	Must use
RMR06	782	**Monetary Amount**	O	R	1/18	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Monetary amount **The Home Depot Requirements:** *Cash Discount Amount (Payment Terms Discount)*				
RMR07	426	**Adjustment Reason Code** **Description:** Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment **Code** **Name** CM Covered by Credit Memo PT Payment **The Home Depot Requirements:** *This indicates payment for an invoice*	X	ID	2/2	Used
RMR08	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *This will always contain a zero dollar amount.*	X	R	1/18	Used

Syntax:

1. P0102 - If either RMR01,RMR02 is present, then all are required
2. P0708 - If either RMR07,RMR08 is present, then all are required

Semantics:

1. If RMR03 is present, it specifies how the cash is to be applied.
2. RMR04 is the amount paid.
3. RMR05 is the amount of invoice (including charges, less allowance) before terms discount (if discount is applicable) or debit amount or credit amount of referenced items.
4. RMR06 is the amount of discount taken.
5. RMR08, if present, represents an interest penalty payment, amount late interest paid, or amount anticipation.

Comments:

1. Parties using this segment should agree on the content of RMR01 and RMR02 prior to initiating communication.
2. If RMR03 is not present, this is a payment for an open item. If paying an open item, RMR02 must be present. If not paying a specific open item, RMR04 must be present.
3. RMR05 may be needed by some payees to distinguish between duplicate reference numbers.

NTE Note/Special Instruction

Pos: 1600 Max: >1
Detail - Optional
Loop: RMR Elements: 2

User Option (Usage): Used

To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	**Note Reference Code** **Description:** Code identifying the functional area or purpose for which the note applies **Code** **Name** AFA Description	O	ID	3/3	Used
NTE02	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Description Text*	M	AN	1/80	Must use

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

REF Reference Information

Pos: 1700 Max: >1
Detail - Optional
Loop: RMR Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification	M	ID	2/3	Must use

Code	Name
BM	Bill of Lading Number
CC	Contract Co-op Number
CK	Check Number
CM	Buyer's Credit Memo
CR	Customer Reference Number
DC	Dealer purchase order number
	The Home Depot Requirements: *Direct Connect date*
FI	File Identifier
IV	Seller's Invoice Number
MC	Microfilm Number
	The Home Depot Requirements: *Home Depot voucher number*
NB	Letter of Credit Number
OS	Outbound-from Party
	The Home Depot Requirements: *RTV (Return to Vendor) number*
PO	Purchase Order Number
RV	Receiving Number
	The Home Depot Requirements: *Keyrec Number*
RZ	Returned Goods Authorization Number
ST	Store Number
TN	Transaction Reference Number
VR	Vendor ID Number

REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *This will be the supporting document number as defined by the qualifier in the REF01. Maximum of 25 characters will be used. If PO number, will be 10 digits.*	X	AN	1/50	Used

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DTM Date/Time Reference

Pos: 1800 Max: >1
Detail - Optional
Loop: RMR Elements: 2

User Option (Usage): Must use

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **The Home Depot Requirements:** *Document Date - Date of Invoice or Credit Memo* **Code** **Name** 999 Document Date	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Invoice (IV) or Credit Memo (CM) Date*	X	DT	8/8	Must use

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

SE Transaction Set Trailer

Pos: 0100 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments **The Home Depot Requirements:** *A count of the number of segments in the transaction*	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set **The Home Depot Requirements:** *Must match the transaction control number in the ST02 element*	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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US/CAN-Version 4060 EDI Remittance Advice (820)-Example for The Home Depot

ISA*00* *00* *14*072271711USAP **YOUR 2 DIGIT QUALIFIER*YOUR ISA I.D.*
*040816*0912*|*00406*000000194*0*P*>~
GS*RA*072271711USAP**YOUR GS I.D.**20040316*0912*44 (Group Control Number)*X*004060~
ST*820*000000044~
BPR*I**TOTAL DOLLAR AMT OF CHECK**C*CHK*PBC~
TRN*1**REFERENCE NUMBER*~ (For HD internal use only)
CUR*BY**USD*~ (USD for US, CAD for Canada)
REF*ZZ**REFERENCE NUMBER*~ (Accounting Document Number – if BPR04 is CHK – will be Check Number)
DTM*020**CCYYMMDD*~ (Payment Effective Date)
N1*PE**PAY TO NAME*~ (Your Company's Name)
REF*VR**YOUR PAYABLES VENDOR#*~
N1*PR**THE HOME DEPOT U.S.A., INC.*~
ENT*1~
…

Please note that RMR01 and REF01 Values can be any of the values listed in the 820 Adjustment Codes Document
Also note the RMR07 which will be either CM or PT

RMR*OS**RTV NUMBER**NET AMOUNT PAID*GROSS AMOUNT*CASH DISCOUNT AMOUNT TAKEN**CM*0~
REF*RZ**RELATED RGA NUMBER*~
DTM*999**CCYYMMDD*~ (Document Date)
RMR*IV**INVOICE NUMBER**NET AMOUNT PAID*GROSS AMOUNT*CASH DISCOUNT AMOUNT TAKEN**PT*0~
REF*PO**RELATED PURCHASE ORDER NUMBER*~
DTM*999**CCYYMMDD*~ (Document Date)
RMR*CM**CREDIT MEMO NUMBER ** NET $ AMOUNT PAID*GROSS AMOUNT*CASHDISCOUNT AMOUNT TAKEN**CM*0~
NTE**AFA*DESCRIPTION TEXT*~ (Deduction Description – also see the **820 Codes** document for more descriptions)
REF*PO**PO NUMBER*~ (PO Number or RGA Number)
DTM*999**CCYYMMDD*~ (Document Date)
RMR*IV**INVOICE NUMBER**NET AMOUNT PAID*GROSS AMOUNT*CASH DISCOUNT AMOUNT TAKEN**PT*0~
REF*PO**RELATED PURCHASE ORDER NUMBER*~
DTM*999**CCYYMMDD*~ (Document Date)
SE*24*000000044~
GE*1*44~
IEA*1*000000194~

NOTES:

- *The Remittance Advice Example above has been shortened due to length of document.*
- *Your 820 will probably be substantially longer than the document above.*
- *This example represents all segments and elements that Home Depot maps. Please refer to the 820*
- *specifications for additional conditions regarding when to map the above segments, elements, and potential values*

4060 820 - Credit Memo Types & Adjustment Descriptions

Credit Memo (CM in the RMR01 element)

For both Merchandise vendors and Non Merchandise vendors, payment deductions are issued for the following reasons:

- Chargeback
- Supplier Issued Credit Memo
- Return To Vendor (RTV)
- Rebate (For Merchandise Vendors ONLY)
- Co-op (For **Non** Merchandise Vendors ONLY)

Below are the descriptions for a deduction. These will appear in the **NTE02** element:

Merchandise Vendor Adjustment Descriptions:

- Trade Discount
- Shortage
- Discount Correction
- Price Discrepancy
- Freight Charge
- Freight Chargeback
- Local Sales Tax CB
- State Sales Tax CB
- Pallet Credit
- Invalid Charge
- Chargeback
- Other DR/CR

*The adjustment descriptions listed above represent the majority of the applied adjustments. In rare instances, other adjustment descriptions may appear.

Non Merchandise Vendor Adjustment Description:

- Chargeback

For additional questions, please contact b2b_production_support@homedepot.com or call (877) 741-0036 option 4.

Date Posted:03/30/04

REFERENCE NUMBER QUALIFIER TABLE

The following is a subset of the X12.3 code values for the RMR01 and the REF01 (data element reference number 128). This subset constitutes a complete list of all reference number qualifier values that The Home Depot will transmit to support the 820 Payment Order/Remittance Advice document.

CODE VALUE	X12.3 DESCRIPTION	HOME DEPOT USAGE/COMMENTS
BM	Bill of Lading Number	Will be used to contain the Out for Repair Bill of Lading Number.
CC	Contract Co-op Number	Will be used to contain a co-op claim reference number. Supporting information about the related adjustment is indexed using this number.
CK	Check Number	May be either a supplier's check number referenced during posting cash (ex. co-op, rebate) or an original Home Depot check number where a group of invalid cash discounts were taken.
CM	Credit Memo Number	The Home Depot or the customer's Credit Memo.
CR	Customer Reference Number	Will be used to contain an audit recovery claim reference number. Supporting information about the related adjustment is indexed using this number.
DC	Direct Connect	Will be utilized to provide the Direct Connect billing date.
FI	File Identifier	Represents an internal Home Depot file number where supporting information about the business transaction is archived.

CODE VALUE	X12.3 DESCRIPTION	HOME DEPOT USAGE/COMMENTS
IV	Seller's Invoice Number	The Home Depot's accounts payable system carries a 10 position invoice number. All Invoice, Credit Memo, Debit Memo, and Re-bill numbers will be sent with this code. The EDI invoice interface and manual entry procedures apply the following rules to invoice number entry. All spaces and special characters are removed. If the resulting number is less than or equal to 10 positions this becomes the entered invoice number. Otherwise, the rightmost 10 positions become the invoice number. This will be returned on the remittance advice transaction.
MC	Microfilm Number	Will contain The Home Depot assigned voucher number. This is the key field needed for microfilm retrieval.
NB	Letter of Credit Number	Financial institution's letter of credit number which applies to imported goods.
OS	Outbound-from Party	Will be used to contain The Home Depot's return-to-vendor (RTV) number.
PO	Purchase Order Number	Home Depot's original purchase order number for this transaction.
RV	Receiving Number	Will be used to contain The Home Depot's key receiving number associated with the transaction.
RZ	Returned Goods Authorization Number	Supplier's RGA number.
ST	Store Number	Will contain The Home Depot location number associated with the transaction. Will be provided on a limited basis.
TN	Transaction Reference Number	This code will be used when the reference number type is unknown.
VR	Vendor ID Number	Supplier's accounts payable vendor number as assigned by The Home Depot.

THE HOME DEPOT

EDI 850

Purchase Order

850 Purchase Order

X12/V4060/850: 850 Purchase Order

Version: 2.0

Publication: **2/26/2009**

850 Purchase Order

Functional Group=PO

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	REF	Reference Information	O	>1			Used
LOOP ID - SAC					**25**		
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1500	DTM	Date/Time Reference	O	10			Used
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1			Used
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Used
3300	N3	Party Location	O	2			Used
3400	N4	Geographic Location	O	>1			Used
3500	REF	Reference Information	O	12			Used
3600	PER	Administrative Communications Contact	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Used
0900	PO4	Item Physical Details	O	>1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0200	AMT	Monetary Amount Information	O	1		N3/0200	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/0100L PO102 is required.

2/0100 PO102 is required.

3/0100L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0200 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
		CodeList Summary (Total Codes: 7, Included: 1)				
		Code **Name**				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		CodeList Summary (Total Codes: 41, Included: 1)				
		Code **Name**				
		14 Duns Plus Suffix				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
		Code *Name*				
		0722717110100 *US Production*				
		072271711CAP *Canada Production*				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
		Code Name *: Colon* *@ At* *] Bracket* *^ Carrot* *| Pipe*				
		THD Requirements:: *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments **All valid standard codes are used. (Total Codes: 18)**				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1) **Code** **Name** 0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used. (Total Codes: 3)**				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 262, Included: 1)				
		Code **Name**				
		PO Purchase Order (850)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
		Code Name				
		072271711 US Production				
		072271711C Canada Production				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				

CodeList Summary (Total Codes: 50, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set **All valid standard codes are used. (Total Codes: 316)**				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BEG Beginning Segment for Purchase Order

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 66, Included: 3)				
		Code **Name**				
		00 Original				
		01 Cancellation				
		22 Information Copy				
BEG02	92	**Purchase Order Type Code**	M	ID	2/2	Must use
		Description: Code specifying the type of Purchase Order				
		CodeList Summary (Total Codes: 76, Included: 4)				
		Code **Name**				
		CN Consigned Order				
		NE New Order				
		NS New Store Opening				
		OS Special Order				
BEG03	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		THD Requirements:: *The Home Depot 8 digit Purchase Order Number.*				
BEG05	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
BEG06	367	**Contract Number**	O	AN	1/30	Used
		Description: Contract number				

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		BY Buying Party (Purchaser)				
CUR02	100	**Currency Code**	M	ID	3/3	Must use
		Description: Code (Standard ISO) for country in whose currency the charges are specified				

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 2)				
		Code **Name**				
		CO Customer Order Number				
		THD Requirements::				
		homedepot.com Internet Order Number				
		S3 Specification Number				
		THD Requirements::				
		Used only for Special Order or homedepot.com Gift Messages				
REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements:: *CO qualifier used for the homedepot.com internet Order Number only.*				
REF03	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
		THD Requirements:: *Used with S3 qualifier only for Special Orders information or homedepot.com Gift Messages.*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1200 **Repeat: 25**
Optional
Loop: SAC **Elements: N/A**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1200 **Max: 1**
Heading - Optional
Loop: SAC **Elements: 5**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use
		Description: Code which indicates an allowance or charge for the service specified				
		CodeList Summary (Total Codes: 7, Included: 2)				
		Code **Name** A Allowance C Charge				
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID	4/4	Used
		Description: Code identifying the service, promotion, allowance, or charge				
		CodeList Summary (Total Codes: 1088, Included: 3)				
		Code **Name** E750 New Store Discount H000 Special Allowance I170 Trade Discount				
SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID	1/1	Used
		Description: Code indicating on what basis allowance or charge percent is calculated				
		CodeList Summary (Total Codes: 16, Included: 1)				
		Code **Name** 3 Discount/Gross				
SAC07	332	**Percent, Decimal Format**	X	R	1/6	Used
		Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)				
SAC12	331	**Allowance or Charge Method of Handling Code**	O	ID	2/2	Used
		Description: Code indicating method of handling for an allowance or charge				
		CodeList Summary (Total Codes: 22, Included: 1)				
		Code **Name** 02 Off Invoice				

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.

2. P0607 - If either SAC06 or SAC07 is present, then the other is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		CodeList Summary (Total Codes: 1277, Included: 3)				
		Code **Name**				
		002 Delivery Requested				
		038 Ship No Later				
		061 Cancel if Not Delivered by				
DTM02	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400	Max: >1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD512	284	**Service Level Code**	X	ID	2/2	Used

Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier

CodeList Summary (Total Codes: 66, Included: 6)

Code	Name
CG	Ground
	THD Requirements::
	Common Carrier / LTL Carrier
DS	Door Service
	THD Requirements::
	White Glove Service / Special Delivery
ND	Next Day Air
	THD Requirements::
	Small Package Carrier Only
SC	Second Day Air
	THD Requirements::
	Small Package Carrier Only
SG	Standard Ground
	THD Requirements::
	Small Package Carrier Only
ZZ	Mutually Defined
	THD Requirements::
	Freight Included

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C1312 - If TD513 is present, then TD512 is required.
3. C1512 - If TD515 is present, then TD512 is required.

The Home Depot Requirements::

The TD5 Segment is mandatory for homedepot.com orders. This segment will be used to communicate how the order is to be shipped to the customer.

Loop Party Identification

Pos: 3100 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Used
3300	N3	Party Location	O	2		Used
3400	N4	Geographic Location	O	>1		Used
3500	REF	Reference Information	O	12		Used
3600	PER	Administrative Communications Contact	O	>1		Used

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 3)				
		Code **Name**				
		BY Buying Party (Purchaser)				
		THD Requirements:: *Only used for homedepot.com for the name of the customer that placed the order*				
		OB Ordered By				
		THD Requirements:: *The Home Depot ordering store information*				
		ST Ship To				
		THD Requirements:: *Only used for Special Orders or homedepot.com Purchase Orders*				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
		THD Requirements:: *Only used with the OB qualifier*				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements:: *Ordering Store Number - Only used with the OB qualifier*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction

processing party.

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

REF Reference Information

Pos: 3500	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1703, Included: 7)

Code	Name
3J	Office Number
4C	Shipment Destination Code
DP	Department Number
MR	Merchandise Type Code
ST	Store Number
AFN	Merchant Category Code (MCC)
AGL	Order Origination Code

REF02	127	**Reference Identification**	X	AN	1/50	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

THD Requirements::
3J is the Home Depot Buying Office

DP is the Home Depot Department Number

MR is the Home Depot assigned Merchandise Vendor Number

ST is the Store Number

4C is used to explain the destination for the PO
Possible 4C values are:

DTS - DIRECT TO STORE
RDC - RAPID DEPLOYMENT CENTER
RDCX - RAPID DEPLOYMENT CENTER CROSSDOCK
SDCD - CARTON DISTRIBUTION CENTER
BDC - BULK DISTRIBUTION CENTER
SDCI - STOCKING DISTRIBUTION CENTER IMPORT
DTC - DIRECT TO CUSTOMER

AGL is used to explain the type of PO
Possible AGL values are:

CAR
HOST
STORE
PAY BY SCAN

Ref	Id	Element Name	Req	Type	Min/Max	Usage

		AFN is used to relay the PO Reason Code *This will be sent for HOST generated orders* *Possible AFN values are:* *10 - NEW ITEM* *20 - ADVERTISING SUPPORT* *30 - MAP/ENDCAP* *40 - MAP/Wingstack* *60 - SPECIAL BUY* *80 - Replenishment* *110 - SUPPLIER SERVICE LEVEL* *130 - EMERGENCY/DISASTER* *160 - NEW STORE* *170 - EVENT* *171 - Event-Promo Pk* *180 - CENTRAL REPLENISHMENT* *200 - DISPLAY/SAMPLES* *210 - IN STOCK POSITION* *220 - Consolidated Reset* *230 - Promotional Pk* *240 - RMM REQUEST*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 6**

User Option (Usage): Used
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **CodeList Summary** (Total Codes: 238, Included: 2) **Code** **Name** AL Alternate Contact NT Notification Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name	O	AN	1/60	Used
PER03	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **CodeList Summary** (Total Codes: 42, Included: 2) **Code** **Name** AE Area Code TE Telephone	X	ID	2/2	Used
PER04	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable	X	AN	1/256	Used
PER05	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **CodeList Summary** (Total Codes: 42, Included: 2) **Code** **Name** AP Alternate Telephone TE Telephone	X	ID	2/2	Used
PER06	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable	X	AN	1/256	Used

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.

Loop Baseline Item Data

Pos: 0100 **Repeat: 100000**
Mandatory
Loop: PO1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	O		1000	Used
0900	PO4	Item Physical Details	O	>1		Used

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 12

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO102	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

CodeList Summary (Total Codes: 811, Included: 30)

Code	Name
BD	Bundle
BF	Board Feet
BG	Bag
BM	Bolt
BX	Box
CA	Case
CT	Carton
EA	Each
FT	Foot
GA	Gallon
LB	Pound
LF	Linear Foot
LN	Length
LY	Linear Yard
MR	Meter
PA	Pail
PC	Piece
PF	Pallet (Lift)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QT	Quart
RL	Roll
SF	Square Foot
SM	Square Meter
SQ	Square
ST	Set

Code	Name
SY	Square Yard
YD	Yard

PO104	212	**Unit Price**	X	R	1/17	Used

Description: Price per unit of product, service, commodity, etc.

PO106	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 4)

Code	Name
IN	Buyer's Item Number
	THD Requirements::
	homedepot.com Internet Part Number. Only used for homedepot.com orders.
SK	Stock Keeping Unit (SKU)
	THD Requirements::
	Home Depot SKU Number
UP	UCC - 12
	THD Requirements::
	Product UPC Code
VP	Vendor's (Seller's) Part Number
	THD Requirements::
	Vendor's Part Number

PO107	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

PO108	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 4)

Code	Name
IN	Buyer's Item Number
	THD Requirements::
	homedepot.com Internet Part Number. Only used for homedepot.com orders.
SK	Stock Keeping Unit (SKU)
	THD Requirements::
	Home Depot SKU Number
UP	UCC - 12
	THD Requirements::
	Product UPC Code
VP	Vendor's (Seller's) Part Number
	THD Requirements::
	Vendor's Part Number

PO109	234	**Product/Service ID**	X	AN	1/48	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Identifying number for a product or service				
PO110	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 4)				
		Code **Name**				
		IN Buyer's Item Number				
		THD Requirements::				
		homedepot.com Internet Part Number. Only used for homedepot.com orders.				
		SK Stock Keeping Unit (SKU)				
		THD Requirements::				
		Home Depot SKU Number				
		UP UCC - 12				
		THD Requirements::				
		Product UPC Code				
		VP Vendor's (Seller's) Part Number				
		THD Requirements::				
		Vendor's Part Number				
PO111	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO112	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 4)				
		Code **Name**				
		IN Buyer's Item Number				
		THD Requirements::				
		homedepot.com Internet Part Number. Only used for homedepot.com orders.				
		SK Stock Keeping Unit (SKU)				
		THD Requirements::				
		Home Depot SKU Number				
		UP UCC - 12				
		THD Requirements::				
		Product UPC Number				
		VP Vendor's (Seller's) Part Number				
		THD Requirements::				
		Vendor's Part Number				
PO113	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop Product/Item Description

Pos: 0500 Repeat: 1000
Optional
Loop: PID Elements: N/A

User Option (Usage): Used
Purpose: To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Used

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Used

Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		F Free-form				
PID05	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. R0405 - At least one of PID04 or PID05 is required.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.

PO4 Item Physical Details

Pos: 0900	Max: >1
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO402	357	**Size**	X	R	1/8	Used
		Description: Size of supplier units in pack				
PO403	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".

Loop Transaction Totals

Pos: 0100	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	CTT	Transaction Totals	O	1		Used
0200	AMT	Monetary Amount Information	O	1		Used

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
CTT02	347	**Hash Total**	O	R	1/10	Used
		Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total				

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

AMT Monetary Amount Information

Pos: 0200 **Max: 1**
Summary - Optional
Loop: CTT **Elements: 2**

User Option (Usage): Used
Purpose: To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **CodeList Summary** (Total Codes: 1762, Included: 1) **Code** **Name** TT Total Transaction Amount	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount **THD Requirements::** *Retail total of the order.*	M	R	1/18	Must use

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

850 Purchase Order

Functional Group=PO

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use
0400	CUR	Currency	O	1			Must use
0500	REF	Reference Identification	O	>1			Used
0500	REF	Reference Identification	O	>1			Used
0500	REF	Reference Identification	O	>1			Used
0600	PER	Administrative Communications Contact	O	3			Used
0800	FOB	F.O.B. Related Instructions	O	>1			Used
LOOP ID - SAC					**25**		
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
1500	DTM	Date/Time Reference	O	10			Used
2300	TD1	Carrier Details (Quantity and Weight)	O	2			Used
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1			Used
2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Used
LOOP ID - N1					**200**		
3100	N1	Name	O	1			Must use
3300	N3	Address Information	O	2			Must use
3400	N4	Geographic Location	O	>1			Must use
3500	REF	Reference Identification	O	12			Must use
3500	REF	Reference Identification	O	12			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Must use
0900	PO4	Item Physical Details	O	>1			Must use
LOOP ID - N1					**200**		
3500	N1	Name	O	1			Must use
3800	N4	Geographic Location	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	AMT	Monetary Amount	O	1		N3/0200	Must use
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/0100L PO102 is required.

2/0100 PO102 is required.

3/0100L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0200 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **Code** **Name** 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element **Code** **Name** 0722717110100 US Production 072271711CAP Canada Production	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published	M	AN	15/15	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **All valid standard codes are used.**	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **Code** **Name** 0 No Interchange Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** PO Purchase Order (850)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **Code** **Name** 072271711 US Production 072271711 Canada Production C	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **Code** **Name** X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004040 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2000				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100 Max: 1
Heading - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 850 Purchase Order	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

BEG Beginning Segment for Purchase Order

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 5**

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **Code** **Name** 00 Original	M	ID	2/2	Must use
BEG02	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** NE New Order	M	ID	2/2	Must use
BEG03	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use
BEG05	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
BEG06	367	**Contract Number** **Description:** Contract number **The Home Depot Requirements:** *For internal Home Depot use only.*	O	AN	1/30	Used

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Must use

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** BY Buying Party (Purchaser)	M	ID	2/3	Must use
CUR02	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified **The Home Depot Requirements:** *USD = US Dollars* *CAD = Canadian Dollars*	M	ID	3/3	Must use
CUR03	280	**Exchange Rate** **Description:** Value to be used as a multiplier conversion factor to convert monetary value from one currency to another **The Home Depot Requirements:** *The negotiated exchange rate for suppliers being paid in a currency other than the type specified in the CUR02.*	O	R	4/10	Used
CUR04	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SE Selling Party	O	ID	2/3	Used
CUR05	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified **The Home Depot Requirements:** *USD = US Dollars* *CAD = Canadian Dollars*	O	ID	3/3	Used

Syntax:

1. C0807 - If CUR08 is present, then all of CUR07 are required
2. C0907 - If CUR09 is present, then all of CUR07 are required
3. L101112 - If CUR10 is present, then at least one of CUR11,CUR12 is required
4. C1110 - If CUR11 is present, then all of CUR10 are required
5. C1210 - If CUR12 is present, then all of CUR10 are required
6. L131415 - If CUR13 is present, then at least one of CUR14,CUR15 is required
7. C1413 - If CUR14 is present, then all of CUR13 are required
8. C1513 - If CUR15 is present, then all of CUR13 are required
9. L161718 - If CUR16 is present, then at least one of CUR17,CUR18 is required
10. C1716 - If CUR17 is present, then all of CUR16 are required
11. C1816 - If CUR18 is present, then all of CUR16 are required

12. L192021 - If CUR19 is present, then at least one of CUR20,CUR21 is required
13. C2019 - If CUR20 is present, then all of CUR19 are required
14. C2119 - If CUR21 is present, then all of CUR19 are required

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Identification

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** TOC Type of Comment	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Comments*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Identification

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** TOC Type of Comment	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Comments*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Identification

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** TOC Type of Comment	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Comments*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

PER Administrative Communications Contact

Pos: 0600 **Max: 3**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** DC Delivery Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Contact Name*	O	AN	1/60	Used

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

FOB F.O.B. Related Instructions

Pos: 0800	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment** **Description:** Code identifying payment terms for transportation charges **Code Name** DF Defined by Buyer and Seller	M	ID	2/2	Must use
FOB02	309	**Location Qualifier** **Description:** Code identifying type of location **Code Name** ZZ Mutually Defined	X	ID	1/2	Used
FOB03	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Code identifying the INCO terms on the PO* *CFR=Cost/Freight* *CIF=Cost/Insurance/Freight* *COL=Origin Collect* *DDP=Delivered Duty Paid (Door)* *DEQ=Exquay/Destination Port* *EXW=Exworks/Exfactory* *FOB=FOB Origin Port* *PPA=Destination Prepaid and Add* *PPD=Des*	O	AN	1/80	Used

Syntax:

1. C0302 - If FOB03 is present, then all of FOB02 are required
2. C0405 - If FOB04 is present, then all of FOB05 are required
3. C0706 - If FOB07 is present, then all of FOB06 are required
4. C0809 - If FOB08 is present, then all of FOB09 are required

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Loop SAC

Pos: 1200 Repeat: 25
Optional
Loop: SAC Elements: N/A

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1200 **Max: 1**
Heading - Optional
Loop: SAC **Elements: 6**

User Option (Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified **Code** **Name** A Allowance	M	ID	1/1	Must use
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge **Code** **Name** C000 Defective Allowance H000 Special Allowance I170 Trade Discount	X	ID	4/4	Must use
SAC05	610	**Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Normally send percentages - field allows for future use of amounts. (Either SAC05 OR SAC07 will have a value - not both)*	O	N2	1/15	Used
SAC06	378	**Allowance/Charge Percent Qualifier** **Description:** Code indicating on what basis allowance or charge percent is calculated **Code** **Name** 3 Discount/Gross	X	ID	1/1	Used
SAC07	332	**Percent** **Description:** Percent expressed as a percent **The Home Depot Requirements:** *(Either SAC05 OR SAC07 will have a value - not both)*	X	R	1/6	Used
SAC12	331	**Allowance or Charge Method of Handling Code** **Description:** Code indicating method of handling for an allowance or charge **Code** **Name** 02 Off Invoice	O	ID	2/2	Used

Syntax:

1. R0203 - At least one of SAC02,SAC03 is required
2. P0304 - If either SAC03,SAC04 is present, then all are required
3. P0607 - If either SAC06,SAC07 is present, then all are required
4. P0910 - If either SAC09,SAC10 is present, then all are required
5. C1110 - If SAC11 is present, then all of SAC10 are required
6. L130204 - If SAC13 is present, then at least one of SAC02,SAC04 is required
7. C1413 - If SAC14 is present, then all of SAC13 are required

8. C1615 - If SAC16 is present, then all of SAC15 are required

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Used

To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD12	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Description of terms*	O	AN	1/80	Used
ITD14	107	**Payment Method Code** **Description:** Code identifying type of payment procedures **Code** **Name** C Pay By Check L Letter of Credit T Wire Transfer	O	ID	1/2	Used

Syntax:

1. L03040513 - If ITD03 is present, then at least one of ITD04,ITD05,ITD13 is required
2. L08040513 - If ITD08 is present, then at least one of ITD04,ITD05,ITD13 is required
3. L091011 - If ITD09 is present, then at least one of ITD10,ITD11 is required

Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **Code** **Name** 002 Delivery Requested 037 Ship Not Before 038 Ship No Later	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Must use

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

TD1 Carrier Details (Quantity and Weight)

Pos: 2300 **Max: 2**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Used

To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD101	103	**Packaging Code** **Description:** Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required **The Home Depot Requirements:** *CNT90 = Standard Container* **Code** **Name** CNT Container **Code** **Name** 90 Standard	O	AN	3/5	Used
TD102	80	**Lading Quantity** **Description:** Number of units (pieces) of the lading commodity **The Home Depot Requirements:** *Should contain the number of containers*	X	N0	1/7	Used

Syntax:

1. C0102 - If TD101 is present, then all of TD102 are required
2. C0304 - If TD103 is present, then all of TD104 are required
3. C0607 - If TD106 is present, then all of TD107 are required
4. P0708 - If either TD107,TD108 is present, then all are required
5. P0910 - If either TD109,TD110 is present, then all are required

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 3**

User Option (Usage): Used

To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD504	91	**Transportation Method/Type Code** **Description:** Code specifying the method or type of transportation for the shipment **Code** **Name** A Air C Consolidation J Motor L Contract Carrier Q Conventional Ocean R Rail S Ocean X Intermodal (Piggyback) GG Geographic Receiving/Shipping **Description:** A collection of shipments that involve multiple origins, multiple destinations, and a single trailer, and are paid under a single freight bill GS Geographic Shipping **Description:** A collection of shipments that involve multiple origins, a single destination, and a single trailer, and are paid under a single freight bill MB Motor (Bulk Carrier) ZZ Mutually defined	X	ID	1/2	Used
TD507	309	**Location Qualifier** **Description:** Code identifying type of location **Code** **Name** OR Origin (Shipping Point)	O	ID	1/2	Used
TD508	310	**Location Identifier** **Description:** Code which identifies a specific location **The Home Depot Requirements:** *Should contain the port of lading code as assigned by ISO*	X	AN	1/30	Used

Syntax:

1. R0204050612 - At least one of TD502,TD504,TD505,TD506,TD512 is required
2. C0203 - If TD502 is present, then all of TD503 are required
3. C0708 - If TD507 is present, then all of TD508 are required
4. C1011 - If TD510 is present, then all of TD511 are required
5. C1312 - If TD513 is present, then all of TD512 are required
6. C1413 - If TD514 is present, then all of TD513 are required
7. C1512 - If TD515 is present, then all of TD512 are required

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Pos: 2600 **Max: 5**
Heading - Optional
Loop: N/A **Elements: 1**

User Option (Usage): Used

To specify transportation special handling requirements, or hazardous materials information, or both

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD404	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Free form description Container Size*	X	AN	1/80	Used

Syntax:

1. R010204 - At least one of TD401,TD402,TD404 is required
2. C0203 - If TD402 is present, then all of TD403 are required

Semantics:

1. TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Loop N1

Pos: 3100	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Name	O	1		Must use
3300	N3	Address Information	O	2		Must use
3400	N4	Geographic Location	O	>1		Must use
3500	REF	Reference Identification	O	12		Must use
3500	REF	Reference Identification	O	12		Used

N1 Name

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** OB Ordered By	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Used
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Home Depot location number*	X	AN	2/80	Used

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Address Information

Pos: 3300 **Max: 2**
Heading - Optional
Loop: N1 **Elements: 2**

User Option (Usage): Must use

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Must use
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Must use
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must use
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Must use

Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

REF Reference Identification

Pos: 3500	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** DP Department Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *021=Lumber* *022=Building Materials* *023=Flooring* *024=Paint* *025=Hardware* *026=Plumbing* *027=Fans/Electrical/Lighting* *028=Seasonal/Garden* *029=Kitchen/Bath* *030=Millwork* *059=Decor*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Identification

Pos: 3500	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** WO Work Order Number **Description:** Number assigned for work including material and labor beyond normal work required to fulfill a service order	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop PO1

Pos: 0100	Repeat: 100000
Mandatory	
Loop: PO1	Elements: N/A

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	O		1000	Must use
0900	PO4	Item Physical Details	O	>1		Must use
3500		Loop N1	O		200	Used

PO1 Baseline Item Data

Pos: 0100 Max: 1
Detail - Mandatory
Loop: PO1 Elements: 8

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *PO line number*	O	AN	1/20	Must use
PO102	330	**Quantity Ordered** **Description:** Quantity ordered	X	R	1/15	Must use
PO103	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**	O	ID	2/2	Must use
PO104	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc.	X	R	1/17	Must use
PO106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO107	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use
PO108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU)	X	ID	2/2	Must use
PO109	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use

Syntax:

1. C0302 - If PO103 is present, then all of PO102 are required
2. C0504 - If PO105 is present, then all of PO104 are required
3. P0607 - If either PO106,PO107 is present, then all are required
4. P0809 - If either PO108,PO109 is present, then all are required
5. P1011 - If either PO110,PO111 is present, then all are required
6. P1213 - If either PO112,PO113 is present, then all are required
7. P1415 - If either PO114,PO115 is present, then all are required
8. P1617 - If either PO116,PO117 is present, then all are required
9. P1819 - If either PO118,PO119 is present, then all are required
10. P2021 - If either PO120,PO121 is present, then all are required
11. P2223 - If either PO122,PO123 is present, then all are required
12. P2425 - If either PO124,PO125 is present, then all are required

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop PID

Pos: 0500	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description **Code** **Name** F Free-form	M	ID	1/1	Must use
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Product description*	X	AN	1/80	Must use

Syntax:

1. C0403 - If PID04 is present, then all of PID03 are required
2. R0405 - At least one of PID04,PID05 is required
3. C0703 - If PID07 is present, then all of PID03 are required
4. C0804 - If PID08 is present, then all of PID04 are required
5. C0905 - If PID09 is present, then all of PID05 are required

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PO4 Item Physical Details

Pos: 0900	Max: >1
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Must use

To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO402	357	**Size** **Description:** Size of supplier units in pack	X	R	1/8	Must use
PO403	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**	X	ID	2/2	Must use

Syntax:

1. P0203 - If either PO402,PO403 is present, then all are required
2. C0506 - If PO405 is present, then all of PO406 are required
3. P0607 - If either PO406,PO407 is present, then all are required
4. P0809 - If either PO408,PO409 is present, then all are required
5. C1013 - If PO410 is present, then all of PO413 are required
6. C1113 - If PO411 is present, then all of PO413 are required
7. C1213 - If PO412 is present, then all of PO413 are required
8. L13101112 - If PO413 is present, then at least one of PO410,PO411,PO412 is required
9. C1716 - If PO417 is present, then all of PO416 are required
10. C1804 - If PO418 is present, then all of PO404 are required

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Loop N1

Pos: 3500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3500	N1	Name	O	1		Must use
3800	N4	Geographic Location	O	1		Must use

N1 Name

Pos: 3500	Max: 1
Detail - Optional	
Loop: N1	Elements: 3

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** CT Country of Origin	M	ID	2/3	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 38 Country Code	X	ID	1/2	Used
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Country Code*	X	AN	2/80	Used

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N4 Geographic Location

Pos: 3800	Max: 1
Detail - Optional	
Loop: N1	Elements: 1

User Option (Usage): Must use

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Must use

Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop CTT

Pos: 0100 Repeat: 1
Optional
Loop: CTT Elements: N/A

To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	CTT	Transaction Totals	O	1		Must use
0200	AMT	Monetary Amount	O	1		Must use

CTT Transaction Totals

Pos: 0100 Max: 1
Summary - Optional
Loop: CTT Elements: 2

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set	M	N0	1/6	Must use
CTT02	347	**Hash Total** **Description:** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total **The Home Depot Requirements:** *The sum of the quantities ordered (PO102) for each PO1 segment.*	O	R	1/10	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

AMT Monetary Amount

Pos: 0200 Max: 1
Summary - Optional
Loop: CTT Elements: 2

User Option (Usage): Must use

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **Code** **Name** TT Total Transaction Amount	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Total order amount - after all discounts*	M	R	1/18	Must use

SE Transaction Set Trailer

Pos: 0300 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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850 Purchase Order

X12/V4060/850: 850 Purchase Order

Author: **The Home Depot**
Modified: **07/03/2006**

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850 Purchase Order

Functional Group=PO

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use
0400	CUR	Currency	O	1			Must use
0500	REF	Reference Information	O	>1			Must use
0500	REF	Reference Information	O	>1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Must use
1500	DTM	Date/Time Reference	O	10			Used
LOOP ID - N9					**1000**		
2950	N9	Extended Reference Information	O	1			Used
3000	MTX	Text	O	>1			Used
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Used
3300	N3	Party Location	O	2			Used
3400	N4	Geographic Location	O	>1			Used
3600	PER	Administrative Communications Contact	O	>1			Used
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Used
3300	N3	Party Location	O	2			Used
3400	N4	Geographic Location	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Must use

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
2100	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					**200**		
3500	N1	Party Identification	O	1			Used
3700	N3	Party Location	O	2			Used
3800	N4	Geographic Location	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	AMT	Monetary Amount Information	O	1		N3/0200	Must use
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/0100L PO102 is required.

2/0100 PO102 is required.

3/0100L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0200 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **Code** **Name** 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use

Code	Name
072271711 USAP	US Production

ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				

Code	Name
!	Exclamation Point
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				

Code	Name
00406	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **Code** **Name** 0 No Interchange Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **Code** **Name** P Production Data	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** PO Purchase Order (850)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **Code** **Name** 072271711 US Production USAP	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480	M	ID	1/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Code **Name** X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	AN	1/12	Must use

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 850 Purchase Order	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BEG Beginning Segment for Purchase Order

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **Code** **Name** 00 Original	M	ID	2/2	Must use
BEG02	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** NE New Order	M	ID	2/2	Must use
BEG03	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *The Home Depot 10 digit PO number*	M	AN	1/22	Must use
BEG05	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
BEG06	367	**Contract Number** **Description:** Contract number **The Home Depot Requirements:** *Used for PO with Version Number. 10 digit PO number plus 5 digit version number. For PO - will always end in 00001.*	O	AN	1/30	Must use

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** BY Buying Party (Purchaser)	M	ID	2/3	Must use
CUR02	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified **Code** **Name** CAD Canadian Dollars USD US Dollars	M	ID	3/3	Must use

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Home Depot assigned Vendor Number*	X	AN	1/50	Must use

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** ST Store Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *The Home Depot assigned Ship To Location Number*	X	AN	1/50	Must use

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 1**

User Option (Usage): Must use

To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD12	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *A text description of the payment terms associated with the order.*	O	AN	1/80	Must use

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **Code** **Name** 002 Delivery Requested	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Must use

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

The Home Depot Requirements:

Will only be mapped if all items are requested for same date delivery.

Loop N9

Pos: 2950	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2950	N9	Extended Reference Information	O	1		Used
3000	MTX	Text	O	>1		Used

N9 Extended Reference Information

Pos: 2950	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** PO Purchase Order Number	M	ID	2/3	Must use
N902	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Valid 10 digit Home Depot Purchase Order Number.*	X	AN	1/50	Must use

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

MTX Text

Pos: 3000	Max: >1
Heading - Optional	
Loop: N9	Elements: 3

User Option (Usage): Used

To specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MTX01	363	**Note Reference Code** **Description:** Code identifying the functional area or purpose for which the note applies **Code** **Name** ORI Order Instructions	O	ID	3/3	Must use
MTX02	1551	**Textual Data** **Description:** To transmit large volumes of message text	X	AN	1/4096	Must use
MTX04	934	**Printer Carriage Control Code** **Description:** A field to be used for the control of the line feed of the receiving printer **Code** **Name** SS Advance to new line before print	X	ID	2/2	Must use

Syntax Rules:

1. C0102 - If MTX01 is present, then MTX02 is required.
2. C0302 - If MTX03 is present, then MTX02 is required.
3. C0504 - If MTX05 is present, then MTX04 is required.

Semantics:

1. MTX05 is the number of lines to advance before printing.

Comments:

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

Loop N1

Pos: 3100	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Used
3300	N3	Party Location	O	2		Used
3400	N4	Geographic Location	O	>1		Used
3600	PER	Administrative Communications Contact	O	>1		Used

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** OB Ordered By	M	ID	2/3	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Home Depot Location Number.*	X	AN	2/80	Must use

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Must use
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Must use
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must use
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Must use

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 4**

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** NT Notification Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name	O	AN	1/60	Used
PER03	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** TE Telephone	X	ID	2/2	Used
PER04	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable	X	AN	1/256	Used

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

Loop N1

Pos: 3100	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Used
3300	N3	Party Location	O	2		Used
3400	N4	Geographic Location	O	>1		Used

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** ST Ship To	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Home Depot Location Number.*	X	AN	2/80	Must use

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Must use
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Must use
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must use
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Must use

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

Loop PO1

Pos: 0100	Repeat: 100000
Mandatory	
Loop: PO1	Elements: N/A

User Option (Usage): Must use

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	O		1000	Must use
2100	DTM	Date/Time Reference	O	10		Used
3500		Loop N1	O		200	Used

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 10

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *PO Line Number. Must use this number to refer to on Order Status and Invoice. Will be used for matching those documents back to Order.*	O	AN	1/20	Must use
PO102	380	**Quantity** **Description:** Numeric value of quantity	X	R	1/15	Must use
PO103	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**	O	ID	2/2	Must use
PO104	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **The Home Depot Requirements:** *This Unit Price represents the NET cost of the Product/Service. Any discounts other than cash (payment terms) discounts will be reflected in the Unit Price.*	X	R	1/17	Must use
PO106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** VP Vendor's (Seller's) Part Number	X	ID	2/2	Used
PO107	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used
PO108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used	X	ID	2/2	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		in Product/Service ID (234) **Code** **Name** SK Home Depot Internal ID Number				
PO109	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used
PO110	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** UP UCC - 12 **Description:** Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)	X	ID	2/2	Used
PO111	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop PID

Pos: 0500 Repeat: 1000
Optional
Loop: PID Elements: N/A

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description **Code** **Name** F Free-form	M	ID	1/1	Must use
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	X	AN	1/80	Must use

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

DTM Date/Time Reference

Pos: 2100	Max: 10
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **Code** **Name** 002 Delivery Requested	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Must use

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

The Home Depot Requirements:

Will only be mapped if items are requested for different date delivery.

Loop N1

Pos: 3500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3500	N1	Party Identification	O	1		Used
3700	N3	Party Location	O	2		Used
3800	N4	Geographic Location	O	1		Used

The Home Depot Requirements:

Will only be mapped if items are to be shipped to different locations.

N1 Party Identification

Pos: 3500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** ST Ship To	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Home Depot Location Number*	X	AN	2/80	Must use

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

Will only be mapped if items are to be shipped to different locations.

N3 Party Location

Pos: 3700	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

The Home Depot Requirements:

Will only be mapped if items are to be shipped to different locations.

N4 Geographic Location

Pos: 3800	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Must use
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Must use
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must use
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Must use

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

The Home Depot Requirements:

Will only be mapped if items are to be shipped to different locations.

Loop CTT

Pos: 0100	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	CTT	Transaction Totals	O	1		Must use
0200	AMT	Monetary Amount Information	O	1		Must use

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set	M	N0	1/6	Must use
CTT02	347	**Hash Total** **Description:** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total **The Home Depot Requirements:** *A sum of the ordered quantities.*	O	R	1/10	Must use

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

AMT Monetary Amount Information

Pos: 0200 **Max: 1**
Summary - Optional
Loop: CTT **Elements: 2**

User Option (Usage): Must use

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **Code** **Name** TT Total Transaction Amount	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Sum of cost of all line items.*	M	R	1/18	Must use

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

850 Purchase Order

X12/V4060/850: 850 Purchase Order

Version: 1.0

Author:	**The Home Depot**
Company:	
Publication:	**1/9/2009**
Trading Partner:	
Created:	**1/9/2009**

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850 Purchase Order

Functional Group=PO

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use
0400	CUR	Currency	O	1			Must use
0500	REF	Reference Information	O	>1			Must use
1500	DTM	Date/Time Reference	O	10			Must use
LOOP ID - N9					**1000**		
2950	N9	Extended Reference Information	O	1			Must use
3000	MTX	Text	O	>1			Must use
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Must use
3300	N3	Party Location	O	2			Must use
3400	N4	Geographic Location	O	>1			Must use
3600	PER	Administrative Communications Contact	O	>1			Must use
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Must use
3300	N3	Party Location	O	2			Must use
3400	N4	Geographic Location	O	>1			Must use
3600	PER	Administrative Communications Contact	O	>1			Must use
3600	PER	Administrative Communications Contact	O	>1			Used
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Must use
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Must use
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
		CodeList Summary (Total Codes: 7, Included: 1)				
		Code **Name**				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
		All valid standard codes are used. (Total Codes: 2)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		All valid standard codes are used. (Total Codes: 41)				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		All valid standard codes are used. (Total Codes: 41)				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
		Code Name *: Colon* *@ At* *] Bracket* *^ Carrot* *| Pipe*				
		THD Requirements:: *The preferred separator is the ^.*				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments **All valid standard codes are used. (Total Codes: 18)**				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used. (Total Codes: 2)**				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used. (Total Codes: 3)**				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets **CodeList Summary** (Total Codes: 262, Included: 1) **Code** **Name** PO Purchase Order (850)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used. (Total Codes: 2)**				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **CodeList Summary** (Total Codes: 50, Included: 1)				

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **CodeList Summary** (Total Codes: 316, Included: 1) **Code** **Name** 850 Purchase Order	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BEG Beginning Segment for Purchase Order

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 64, Included: 1)				
		Code **Name**				
		00 Original				
BEG02	92	**Purchase Order Type Code**	M	ID	2/2	Must use
		Description: Code specifying the type of Purchase Order				
		CodeList Summary (Total Codes: 73, Included: 1)				
		Code **Name**				
		OS Special Order				
BEG03	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
BEG05	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
BEG06	367	**Contract Number**	O	AN	1/30	Used
		Description: Contract number				

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		BY Buying Party (Purchaser)				
CUR02	100	**Currency Code**	M	ID	3/3	Must use
		Description: Code (Standard ISO) for country in whose currency the charges are specified				
		THD Requirements:: *USD = US Dollars, CAD= Canadian Dollars*				

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 3)				
		Code **Name**				
		KK Delivery Reference				
		MR Merchandise Type Code				
		PW Prior purchase order number				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		When MR in REF 01 - The Merchandise Vendor Number as assigned by The Home Depot. (Mandatory) *When PW in REF 01- Contains the Original Purchase Order Number. (Optional)* *When KK in REF 01- Contains the Delivery Location. (Optional)* *For Delivery Location, these are the expected codes:* *"A" is delivery agent for customer* *"G" is delivery agent for installer* *"C" to the customer* *"D" to the distribution center for the customer* *"H" to the distribution center for the installer* *"I" to the installer* *"S" to the store* *"V" to the CDS (PCC delivery)*				

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		CodeList Summary (Total Codes: 1277, Included: 1)				
		Code **Name**				
		002 Delivery Requested				
DTM02	373	**Date**	X	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Loop Extended Reference Information

Pos: 2950 **Repeat: 1000**
Optional
Loop: N9 **Elements: N/A**

User Option (Usage): Must use
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2950	N9	Extended Reference Information	O	1		Must use
3000	MTX	Text	O	>1		Must use

N9 Extended Reference Information

Pos: 2950	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		JB Job (Project) Number				
N902	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements:: *Customer order number*				

MTX Text

Pos: 3000	Max: >1
Heading - Optional	
Loop: N9	Elements: 3

User Option (Usage): Must use
Purpose: To specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MTX01	363	**Note Reference Code**	O	ID	3/3	Must use
		Description: Code identifying the functional area or purpose for which the note applies				
		CodeList Summary (Total Codes: 348, Included: 1)				
		Code **Name**				
		ORI Order Instructions				
MTX02	1551	**Textual Data**	X	AN	1/4096	Must use
		Description: To transmit large volumes of message text				
		THD Requirements:: *Special Instructions from store associate and/or additional product attribute information.*				
MTX04	934	**Printer Carriage Control Code**	X	ID	2/2	Must use
		Description: A field to be used for the control of the line feed of the receiving printer				
		CodeList Summary (Total Codes: 7, Included: 1)				
		Code **Name**				
		SS Advance to new line before print				

Syntax Rules:

1. C0102 - If MTX01 is present, then MTX02 is required.
2. C0203 - If MTX02 is present, then MTX03 is required.

Loop Party Identification

Pos: 3100 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Must use
3300	N3	Party Location	O	2		Must use
3400	N4	Geographic Location	O	>1		Must use
3600	PER	Administrative Communications Contact	O	>1		Must use

The Home Depot Requirements::

*The N1*SN loop will always be present and indicate the Home Depot store information.*

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		SN Store				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
		THD Requirements:: *Free form name, Assigned by buyer*				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements:: *Contains 4-digit Home Depot store number*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. C0304 - If N103 is present, then N104 is required.

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Must use
		Description: Code identifying the country				

Comments:

1. N402 is required only if city name (N401) is in the U.S. or Canada.

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 7**

User Option (Usage): Must use
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		CodeList Summary (Total Codes: 238, Included: 1)				
		Code **Name**				
		NT Notification Contact				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		AE Area Code				
PER04	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		THD Requirements:: *Area code*				
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		TE Telephone				
PER06	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		Telephone number				
PER07	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		EX Telephone Extension				
PER08	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		THD Requirements:: *Telephone Extension*				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

The Home Depot Requirements::

Store Phone Number

Loop Party Identification

Pos: 3100 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Must use
3300	N3	Party Location	O	2		Must use
3400	N4	Geographic Location	O	>1		Must use
3600	PER	Administrative Communications Contact	O	>1		Must use
3600	PER	Administrative Communications Contact	O	>1		Used

The Home Depot Requirements::

*The N1*ST loop will always be present and indicate where the merchandise is to be shipped, even if the merchandise is being shipped to the store.*

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		ST Ship To				
N102	93	**Name**	X	AN	1/60	Must use
		Description: Free-form name				
		THD Requirements:: *Customer Last Name or Installer/Business Name*				

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Must use
		Description: Code identifying the country				

Comments:

1. N402 is required only if city name (N401) is in the U.S. or Canada.

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 7**

User Option (Usage): Must use
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		CodeList Summary (Total Codes: 238, Included: 1)				
		Code **Name**				
		NT Notification Contact				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		AE Area Code				
PER04	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		THD Requirements:: *Area code*				
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		TE Telephone				
PER06	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		Telephone number				
PER07	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		EX Telephone Extension				
PER08	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		THD Requirements:: *Telephone Extension*				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

The Home Depot Requirements::

Store Phone Number

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 7**

User Option (Usage): Used
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		CodeList Summary (Total Codes: 238, Included: 1)				
		Code **Name**				
		AL Alternate Contact				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		AE Area Code				
PER04	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		THD Requirements:: *Area code*				
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		TE Telephone				
PER06	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		Telephone number				
PER07	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		EX Telephone Extension				
PER08	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		THD Requirements:: *Telephone Extension*				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

The Home Depot Requirements::

Store Phone Number

Loop Party Identification

Pos: 3100 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Must use

The Home Depot Requirements::

*The N1*ST loop will always be present and indicate where the merchandise is to be shipped, even if the merchandise is being shipped to the store.*

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		OB Ordered By				
		THD Requirements::				
		The Home Depot ordering store information				
N102	93	**Name**	X	AN	1/60	Must use
		Description: Free-form name				
		THD Requirements:: *Customer (Sidemark) Name*				

Loop Baseline Item Data

Pos: 0100 **Repeat: 100000**
Mandatory
Loop: PO1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	O		1000	Must use
0500		Loop PID	O		1000	Must use
0500		Loop PID	O		1000	Must use

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 8

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set **THD Requirements::** *The P101 represents the line item sequence number*				
PO102	380	**Quantity**	X	R	1/15	Must use
		Description: Numeric value of quantity				
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
PO104	212	**Unit Price**	X	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
PO106	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 2) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number				
PO107	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service **THD Requirements::** *IF SK: Home Depot SKU Number* *IF VP: Vendor's Part Number*				
PO108	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 2) **Code** **Name** SK Stock Keeping Unit (SKU) **THD Requirements::** *Home Depot SKU Number* VP Vendor's (Seller's) Part Number **THD Requirements::** *Vendor's Part Number*				

PO109	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service				
		THD Requirements:: *If SK: Home Depot SKU Number* *IF VP: Vendor's Part Number*				

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.

Semantics:

1. PO102 is quantity ordered.

Loop Product/Item Description

Pos: 0500 Repeat: 1000
Optional
Loop: PID Elements: N/A

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		F Free-form				
PID02	750	**Product/Process Characteristic Code**	O	ID	2/3	Used
		Description: Code identifying the general class of a product or process characteristic				
		CodeList Summary (Total Codes: 236, Included: 1)				
		Code **Name**				
		GEN General Description				
PID05	352	**Description**	X	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				
		THD Requirements:: *Home Depot receiving description*				

Loop Product/Item Description

Pos: 0500 Repeat: 1000
Optional
Loop: PID Elements: N/A

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		F Free-form				
PID02	750	**Product/Process Characteristic Code**	O	ID	2/3	Used
		Description: Code identifying the general class of a product or process characteristic				
		CodeList Summary (Total Codes: 236, Included: 1)				
		Code **Name**				
		08 Product				
PID05	352	**Description**	X	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				
		THD Requirements:: *Home Depot SKU description*				

Loop Product/Item Description

Pos: 0500 Repeat: 1000
Optional
Loop: PID Elements: N/A

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		F Free-form				
PID02	750	**Product/Process Characteristic Code**	O	ID	2/3	Used
		Description: Code identifying the general class of a product or process characteristic				
		CodeList Summary (Total Codes: 236, Included: 1)				
		Code **Name**				
		ZZ Mutually Defined				
PID05	352	**Description**	X	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				
		THD Requirements:: *Attribute type*				

Loop Transaction Totals

Pos: 0100 **Repeat: 1**
Optional
Loop: CTT **Elements: N/A**

User Option (Usage): Used
Purpose: To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	CTT	Transaction Totals	O	1		Must use

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

User Option (Usage): Must use

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
CTT02	347	**Hash Total**	O	R	1/10	Must use
		Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total				
		THD Requirements:: *HD Req= Hash Total (Sum of PO102 elements)*				

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

850 Purchase Order Cancel

X12/V4060/850: 850 Purchase Order Cancel

Version: 1.0 Draft

Publication: **03/22/2004**
Notes:

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850 Purchase Order

Functional Group=PO

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use
0400	CUR	Currency	O	1			Must use
0500	REF	Reference Information	O	>1			Must use
1500	DTM	Date/Time Reference	O	10			Must use
LOOP ID - N9					**1000**		
2950	N9	Extended Reference Information	O	1			Must use
3000	MTX	Text	O	>1			Used
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Must use
3300	N3	Party Location	O	2			Must use
3400	N4	Geographic Location	O	>1			Must use
3600	PER	Administrative Communications Contact	O	>1			Must use
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Must use
3300	N3	Party Location	O	2			Must use
3400	N4	Geographic Location	O	>1			Must use
3600	PER	Administrative Communications Contact	O	>1			Must use
3600	PER	Administrative Communications Contact	O	>1			Used
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Must use
0500	PID	Product/Item Description	O	1			Must use
0500	PID	Product/Item Description	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/0100L PO102 is required.

2/0100 PO102 is required.

3/0100L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

Special Characters
Please note that the occurance of any of the below special characters within an order will be replaced with a space at the time of mapping to the X12 format. The purpose of replacing these five characters is to eliminate the possibility of violating ANSI standards.
^ * ~ < >

Partner Setup Business Rules
Based on the impacts of the edits described above and the various special characters used in special orders, please avoid using any of the following characters when setting up element and segment terminators.
" ' & , { } | < > @

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element **Code** **Name** 072271711CANC Canada Test	M	AN	15/15	Must use

Code	Name
072271711 CANP	Canada Production
072271711 USAC	US Test
072271711 USAP	US Production

ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				

Code	Name
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Code **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** PO Purchase Order (850)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number**	M	N0	1/9	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M	AN	1/12	Must use

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 850 Purchase Order	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BEG Beginning Segment for Purchase Order

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **Code** **Name** 01 Cancellation	M	ID	2/2	Must use
BEG02	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** OS Special Order	M	ID	2/2	Must use
BEG03	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use
BEG05	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
BEG06	367	**Contract Number** **Description:** Contract number **The Home Depot Requirements:** *Home Depot internal reference number.*	O	AN	1/30	Must use

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** BY Buying Party (Purchaser)	M	ID	2/3	Must use
CUR02	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified	M	ID	3/3	Must use

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *The Merchandise Vendor Number as assigned by The Home Depot.*	X	AN	1/50	Must use

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **Code** **Name** 002 Delivery Requested	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Must use

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop N9

Pos: 2950	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Must use

To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2950	N9	Extended Reference Information	O	1		Must use
3000	MTX	Text	O	>1		Used

N9 Extended Reference Information

Pos: 2950	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Must use

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** JB Job (Project) Number	M	ID	2/3	Must use
N902	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Customer Order Number*	X	AN	1/50	Must use

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

MTX Text

Pos: 3000	Max: >1
Heading - Optional	
Loop: N9	Elements: 3

User Option (Usage): Used

To specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MTX01	363	**Note Reference Code** **Description:** Code identifying the functional area or purpose for which the note applies **Code** **Name** ORI Order Instructions	O	ID	3/3	Must use
MTX02	1551	**Textual Data** **Description:** To transmit large volumes of message text **The Home Depot Requirements:** *Special Instructions from store associate and/or additional product attribute information.*	X	AN	1/4096	Used
MTX04	934	**Printer Carriage Control Code** **Description:** A field to be used for the control of the line feed of the receiving printer **Code** **Name** SS Advance to new line before print	X	ID	2/2	Used

Syntax Rules:

1. C0102 - If MTX01 is present, then MTX02 is required.
2. C0302 - If MTX03 is present, then MTX02 is required.
3. C0504 - If MTX05 is present, then MTX04 is required.

Semantics:

1. MTX05 is the number of lines to advance before printing.

Comments:

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

Loop N1

Pos: 3100	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Must use
3300	N3	Party Location	O	2		Must use
3400	N4	Geographic Location	O	>1		Must use
3600	PER	Administrative Communications Contact	O	>1		Must use

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Contains the 4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Used
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Used
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Used

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 7**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** NT Notification Contact	M	ID	2/2	Must use
PER03	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** AE Area Code	X	ID	2/2	Used
PER04	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **The Home Depot Requirements:** *Area Code*	X	AN	1/256	Used
PER05	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** TE Telephone	X	ID	2/2	Used
PER06	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **The Home Depot Requirements:** *Phone Number*	X	AN	1/256	Used
PER07	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** EX Telephone Extension	X	ID	2/2	Used

PER08	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **The Home Depot Requirements:** *Telephone Extension*	X	AN	1/256	Used

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

The Home Depot Requirements:

Store phone number.

Loop N1

Pos: 3100	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Must use
3300	N3	Party Location	O	2		Must use
3400	N4	Geographic Location	O	>1		Must use
3600	PER	Administrative Communications Contact	O	>1		Must use
3600	PER	Administrative Communications Contact	O	>1		Used

The Home Depot Requirements:

*The N1*ST Loop will always be present and indicate where the merchandise is to be shipped, even if the merchandise is being shipped to the store.*

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** ST Ship To	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Customer Last Name or Installer/Business Name*	X	AN	1/60	Must use

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Must use
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Must use
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must use
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Must use

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 7**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** NT Notification Contact	M	ID	2/2	Must use
PER03	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** AE Area Code	X	ID	2/2	Used
PER04	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **The Home Depot Requirements:** *Area Code*	X	AN	1/256	Used
PER05	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** TE Telephone	X	ID	2/2	Used
PER06	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **The Home Depot Requirements:** *Telephone Number*	X	AN	1/256	Used
PER07	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** EX Telephone Extension	X	ID	2/2	Used

PER08	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **The Home Depot Requirements:** *Telephone Extension*	X	AN	1/256	Used

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

The Home Depot Requirements:

Ship to phone number.

PER Administrative Communications Contact

Pos: 3600	Max: >1
Heading - Optional	
Loop: N1	Elements: 7

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** AL Alternate Contact **Description:** Person to be contacted when the main contact is not available	M	ID	2/2	Must use
PER03	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** AE Area Code	X	ID	2/2	Used
PER04	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **The Home Depot Requirements:** *Area Code*	X	AN	1/256	Used
PER05	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** TE Telephone	X	ID	2/2	Used
PER06	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **The Home Depot Requirements:** *Telephone Number*	X	AN	1/256	Used
PER07	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number	X	ID	2/2	Used

		Code **Name** EX Telephone Extension				
PER08	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **The Home Depot Requirements:** *Telephone Extension*	X	AN	1/256	Used

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

The Home Depot Requirements:

Ship to phone number.

Loop N1

Pos: 3100	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** OB Ordered By	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Customer(Sidemark) Name*	X	AN	1/60	Must use

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop PO1

Pos: 0100	Repeat: 100000
Mandatory	
Loop: PO1	Elements: N/A

User Option (Usage): Must use

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	O		1000	Used

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 8

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *The PO101 represents the line item sequence number.*	O	AN	1/20	Must use
PO102	380	**Quantity** **Description:** Numeric value of quantity	X	R	1/15	Must use
PO103	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**	O	ID	2/2	Must use
PO104	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc.	X	R	1/17	Must use
PO106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO107	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use
PO108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use

PO109	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop PID

Pos: 0500	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

User Option (Usage): Used

To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Must use
0500	PID	Product/Item Description	O	1		Must use
0500	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description **Code** **Name** F Free-form	M	ID	1/1	Must use
PID02	750	**Product/Process Characteristic Code** **Description:** Code identifying the general class of a product or process characteristic **Code** **Name** GEN General Description	O	ID	2/3	Used
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Home Depot Receiving Description*	X	AN	1/80	Used

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description **Code** **Name** F Free-form	M	ID	1/1	Must use
PID02	750	**Product/Process Characteristic Code** **Description:** Code identifying the general class of a product or process characteristic **Code** **Name** 08 Product	O	ID	2/3	Used
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Home Depot SKU Description*	X	AN	1/80	Used

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description **Code** **Name** F Free-form	M	ID	1/1	Must use
PID02	750	**Product/Process Characteristic Code** **Description:** Code identifying the general class of a product or process characteristic **Code** **Name** ZZ Mutually Defined	O	ID	2/3	Used
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Attribute Type:Attribute Attribute Type:Attribute*	X	AN	1/80	Used

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Loop CTT

Pos: 0100	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	CTT	Transaction Totals	O	1		Must use

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of Line Items*	M	N0	1/6	Must use
CTT02	347	**Hash Total** **Description:** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total **The Home Depot Requirements:** *Hash Total (Sum of PO102 elements)*	O	R	1/10	Must use

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

850 Purchase Order

X12/V4060/850: 850 Purchase Order

Status: Final

Modified: 03/03/2005

850 Purchase Order

Functional Group=PO

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BEG	Beginning Segment for Purchase Order	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	REF	Reference Information	O	>1			Used
LOOP ID - SAC					**25**		
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1500	DTM	Date/Time Reference	O	10			Must use
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1			Used
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Must use
3300	N3	Party Location	O	2			Used
3400	N4	Geographic Location	O	>1			Used
3500	REF	Reference Information	O	12			Used
3600	PER	Administrative Communications Contact	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Used
0900	PO4	Item Physical Details	O	>1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	AMT	Monetary Amount Information	O	1		N3/0200	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/0100L PO102 is required.

2/0100 PO102 is required.

3/0100L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0200 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
		Code **Name** 00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
		Code **Name** 00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		Code **Name** 14 Duns Plus Suffix				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
		Code **Name** 0722717110100 US Production 072271711CAP Canada Production				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				

Code	Name
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				

Code	Name
00406	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				

Code	Name
0	No Interchange Acknowledgment Requested

ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		Code **Name** PO Purchase Order (850)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
		Code **Name** 072271711 US Production 072271711C Canada Production				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		Code **Name** X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		Code **Name** 850 Purchase Order				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BEG Beginning Segment for Purchase Order

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **Code** **Name** 00 Original 01 Cancellation 22 Information Copy	M	ID	2/2	Must use
BEG02	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** CN Consigned Order DR Direct Ship **Description:** Vendor ships directly to customer **The Home Depot Requirements:** *Qualifier used for homedepot.com Purchase Orders only.* NE New Order NS New Store Opening OS Special Order	M	ID	2/2	Must use
BEG03	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *The Home Depot 8 digit Purchase Order Number*	M	AN	1/22	Must use
BEG05	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
BEG06	367	**Contract Number** **Description:** Contract number	O	AN	1/30	Used

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code **Name** BY Buying Party (Purchaser)				
CUR02	100	**Currency Code**	M	ID	3/3	Must use
		Description: Code (Standard ISO) for country in whose currency the charges are specified				
CUR03	280	**Exchange Rate**	O	R	4/10	Used
		Description: Value to be used as a multiplier conversion factor to convert monetary value from one currency to another				
		The Home Depot Requirements: *This element is only sent to Canadian suppliers that are paid in US Dollars.*				

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code **Name**				
		CO Customer Order Number				
		The Home Depot Requirements: *homedepot.com Internet Order Number*				
		S3 Specification Number				
		The Home Depot Requirements: *Used only for Special Order or homedepot.com Gift Messages.*				
REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		The Home Depot Requirements: *Used with CO qualifier for the homedepot.com Internet Order Number*				
REF03	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
		The Home Depot Requirements: *Used with the S3 qualifier only for Special Orders information or homedepot.com Gift Messages.*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop SAC

Pos: 1200 Repeat: 25
Optional
Loop: SAC Elements: N/A

User Option (Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1200 **Max: 1**
Heading - Optional
Loop: SAC **Elements: 5**

User Option (Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use
		Description: Code which indicates an allowance or charge for the service specified				
		Code **Name** A Allowance C Charge				
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID	4/4	Used
		Description: Code identifying the service, promotion, allowance, or charge				
		Code **Name** E750 New Store Discount H000 Special Allowance I170 Trade Discount				
SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID	1/1	Used
		Description: Code indicating on what basis allowance or charge percent is calculated				
		Code **Name** 3 Discount/Gross				
SAC07	332	**Percent, Decimal Format**	X	R	1/6	Used
		Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)				
SAC12	331	**Allowance or Charge Method of Handling Code**	O	ID	2/2	Used
		Description: Code indicating method of handling for an allowance or charge				
		Code **Name** 02 Off Invoice				

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.

5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		Code **Name** 002 Delivery Requested 038 Ship No Later 061 Cancel if Not Delivered by				
DTM02	373	**Date**	X	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400	Max: >1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD512	284	**Service Level Code**	X	ID	2/2	Must use

Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier

Code	Name
CG	Ground
	The Home Depot Requirements: *Common Carrier / LTL Carrier*
DS	Door Service
	The Home Depot Requirements: *White Glove Service / Special Delivery*
ND	Next Day Air
	Description: Delivery during business day hours of next business day
	The Home Depot Requirements: *Small Package Carrier Only*
SC	Second Day Air
	Description: Delivery during business day hours no later than second business day
	The Home Depot Requirements: *Small Package Carrier Only*
SG	Standard Ground
	The Home Depot Requirements: *Small Package Carrier Only*
ZZ	Mutually Defined
	The Home Depot Requirements: *Freight Included*

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

The Home Depot Requirements:

The TD5 Segment is mandatory for homedepot.com orders. This segment will be used to communicate how the order is to be shipped.

Loop N1

Pos: 3100	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Must use
3300	N3	Party Location	O	2		Used
3400	N4	Geographic Location	O	>1		Used
3500	REF	Reference Information	O	12		Used
3600	PER	Administrative Communications Contact	O	>1		Used

N1 Party Identification

Pos: 3100	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code **Name**				
		BY Buying Party (Purchaser)				
		The Home Depot Requirements: *Name of the customer that placed the order on homedepot.com.*				
		OB Ordered By				
		The Home Depot Requirements: *Home Depot ordering store information*				
		ST Ship To				
		The Home Depot Requirements: *Ship To Address used for Special Orders or homedepot.com Purchase Orders*				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		The Home Depot Requirements: *Only used with the OB qualifier.*				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		The Home Depot Requirements: *Ordering Store Number - Only used with the OB qualifier.*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 3300	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

REF Reference Information

Pos: 3500	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code **Name**				
		3J Office Number				
		DP Department Number				
		MR Merchandise Type Code				
		ST Store Number				
REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 6**

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		Code **Name** NT Notification Contact				
PER02	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		Code **Name** TE Telephone				
PER04	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		Code **Name** AP Alternate Telephone				
PER06	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop PO1

Pos: 0100 **Repeat: 100000**
Mandatory
Loop: PO1 **Elements: N/A**

User Option (Usage): Must use

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	O		1000	Used
0900	PO4	Item Physical Details	O	>1		Used

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 12

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO102	380	**Quantity**	X	R	1/15	Must use
		Description: Numeric value of quantity				
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

Code	Name
BD	Bundle
BF	Board Feet
BG	Bag
BM	Bolt
BX	Box
CA	Case
CT	Carton
EA	Each
FT	Foot
GA	Gallon
LB	Pound
LF	Linear Foot
LN	Length
LY	Linear Yard
MR	Meter
PA	Pail
PC	Piece
PF	Pallet (Lift)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QT	Quart
RL	Roll
SF	Square Foot
SM	Square Meter
SQ	Square

Description: A unit of measure for roofing materials equal to 100 square feet

Code	Name
ST	Set
SY	Square Yard
YD	Yard

PO104	212	**Unit Price**	X	R	1/17	Used

Description: Price per unit of product, service, commodity, etc.

PO106	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
IN	Buyer's Item Number
	The Home Depot Requirements: *homedepot.com Internet Part Number* *Only used for homedepot.com orders.*
SK	Stock Keeping Unit (SKU)
	The Home Depot Requirements: *Home Depot SKU Number*
UP	UCC - 12
	Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)
	The Home Depot Requirements: *Product UPC Code*
VP	Vendor's (Seller's) Part Number
	The Home Depot Requirements: *Vendor's Part Number*

PO107	234	**Product/Service ID**	X	AN	1/48	Must use

Description: Identifying number for a product or service

PO108	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
IN	Buyer's Item Number
	The Home Depot Requirements: *homedepot.com Internet Part Number* *Only used for homedepot.com orders.*
SK	Stock Keeping Unit (SKU)
	The Home Depot Requirements: *Home Depot SKU Number*
UP	UCC - 12
	Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)
	The Home Depot Requirements:

Code	Name
	Product UPC Code
VP	Vendor's (Seller's) Part Number
	The Home Depot Requirements: *Vendor's Part Number*

PO109	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

PO110	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
IN	Buyer's Item Number
	The Home Depot Requirements: *homedepot.com Internet Part Number* *Only used for homedepot.com orders.*
SK	Stock Keeping Unit (SKU)
	The Home Depot Requirements: *Home Depot SKU Number*
UP	UCC - 12
	Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)
	The Home Depot Requirements: *Product UPC Code*
VP	Vendor's (Seller's) Part Number
	The Home Depot Requirements: *Vendor's Part Number*

PO111	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

PO112	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
IN	Buyer's Item Number
	The Home Depot Requirements: *homedepot.com Internet Part Number* *Only used for homedepot.com orders.*
SK	Stock Keeping Unit (SKU)
	The Home Depot Requirements: *Home Depot SKU Number*
UP	UCC - 12
	Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)

		Code	Name				
			The Home Depot Requirements: *Product UPC Code*				
		VP	Vendor's (Seller's) Part Number				
			The Home Depot Requirements: *Vendor's Part Number*				
PO113	234		**Product/Service ID**	X	AN	1/48	Used
			Description: Identifying number for a product or service				

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop PID

Pos: 0500 Repeat: 1000
Optional
Loop: PID Elements: N/A

User Option (Usage): Used

To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Used

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Used

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		Code **Name** F Free-form				
PID05	352	**Description**	X	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PO4 Item Physical Details

Pos: 0900	Max: >1
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Used

To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO402	357	**Size**	X	R	1/8	Used
		Description: Size of supplier units in pack				
PO403	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**				

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Loop CTT

Pos: 0100	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Used

To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	CTT	Transaction Totals	O	1		Used
0200	AMT	Monetary Amount Information	O	1		Used

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 2

User Option (Usage): Used

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
CTT02	347	**Hash Total**	O	R	1/10	Used
		Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

AMT Monetary Amount Information

Pos: 0200 **Max: 1**
Summary - Optional
Loop: CTT **Elements: 2**

User Option (Usage): Used

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **Code** **Name** TT Total Transaction Amount	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Retail total of the order*	M	R	1/18	Must use

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

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US Version 4060 EDI PO (850) *Domestic MSR* - Example for The Home Depot

ISA*00**00* *(HOME DEPOT 2-DIGIT QUALIFIER)*(HOME DEPOT ISA ID) *(YOUR 2-DIGIT QUALIFIER)* (YOUR ISA I.D)*DATE*TIME*U*00406*(INTERCHANGE CONTROL #)*0*T*>.
GS*PO*(HOME DEPOT GS ID)* (YOUR GS ID)*(DATE)*(TIME)*(GROUP CONTROL #)*X*004060.
ST*850*(TRANSACTION SET CONTROL #).
BEG*00(TRANSACTION SET PURPOSE CODE)*NE(PURCHASE ORDER TYPE CODE)*16977835(PURCHASE ORDER NUMBER)**20121002(DATE)*0116977835(DOC TRACE ID).
CUR*BY(ENTITY ID CODE)*USD(CURRENCY CODE).
SAC*A(ALLOWANCE OR CHARGE INDICATOR)*H000(SERVICE, PROMOTION, ALLOWANCE, OR Charge Code)****3(ALLOWANCE/CHARGE PERCENT QUALIFIER)*1.6*****02.
SAC*A(ALLOWANCE OR CHARGE INDICATOR)*I170(SERVICE, PROMOTION, ALLOWANCE, OR Charge Code)****3(ALLOWANCE/CHARGE PERCENT QUALIFIER)*1.5*****02.
DTM*038(DATE/TIME QUALIFIER)*20121005(DATE).
DTM*002(DATE/TIME QUALIFIER)*20121008(DATE).
DTM*061(DATE/TIME QUALIFIER)*20121015(DATE).
N1*OB(ENTITY ID CODE)**92(IDENTIFICATION CODE QUALIFIER)*0116(IDENTIFICATION CODE).
N3*9037 HWY 92, SUITE 100(ADDRESS INFORMATION).
N4*WOODSTOCK(CITY NAME)*GA(STATE OR PROVINCE CODE)*30189(POSTAL CODE).
REF*DP(REFERENCE IDENTIFICATION QUALIFIER)*028(REFERENCE IDENTIFICATION).
REF*3J(REFERENCE IDENTIFICATION QUALIFIER)*0001(REFERENCE IDENTIFICATION).
REF*MR(REFERENCE IDENTIFICATION QUALIFIER)*0000102182(REFERENCE IDENTIFICATION).
REF*AGL(REFERENCE IDENTIFICATION QUALIFIER)*HOST(REFERENCE IDENTIFICATION).
REF*4C(REFERENCE IDENTIFICATION QUALIFIER)*DTS - DIRECT TO STORE(REFERENCE IDENTIFICATION).
REF*AFN(REFERENCE IDENTIFICATION QUALIFIER)*130 - EMERGENCY/DISASTER(REFERENCE IDENTIFICATION).
PO1*0001(ASSIGNED IDENTIFICATION)*4(QUANTITY)*EA(UNIT OR BASIS FOR MEASUREMENT CODE)*4(UNIT PRICE)**VP(VENDOR'S (SELLER'S) PART NUMBER)*1000001794(PRODUCT/SERVICE ID)*SK(STOCK KEEPINGUNIT)*1000123456 (PRODUCT/SERVICE ID)*UP(UPC NUMBER)*820872013690(PRODUCT/SERVICE ID).
PID*F(FREE FORM)****18 6.5 AMP LAWNMOWER(FREE FORM DESCRIPTION).
PO4**4(SIZE)*EA(UNIT OR BASIS FOR MEASUREMENT CODE).
CTT*1(NUMBER OF LINE ITEMS)*4(HASH TOTAL).
AMT*TT(TOTAL TRANSACTION AMOUNT)*18(MONETARY AMOUNT).
SE*23*003727310.

GE*1*113616.
IEA*1*000204306.

*Review THD's EDI Domestic MSR 850 PO Specifications or call your EDI contact for further clarification.

US Version 4040 EDI PO (850) *Import Supplier* -Example for The Home Depot

ISA*00**00* *(HOME DEPOT 2-DIGIT QUALIFIER)*(HOME DEPOT ISA ID) *(YOUR 2-DIGIT QUALIFIER)*(YOUR ISA I.D)*DATE*TIME*U*00400*(INTERCHANGE CONTROL #)*0*T*>.
GS*PO*(HOME DEPOT GS ID)* (YOUR GS ID)*(DATE)*(TIME)*(GROUP CONTROL #)*X*004040.
ST*850*(TRANSACTION SET CONTROL #).
BEG*00(TRANSACTION SET PURPOSE CODE)*NE(PURCHASE ORDER TYPE CODE)*59103723(PURCHASE ORDER NUMBER)**20120919(DATE)*5959103723-1(CONTRACT NUMBER).
CUR*BY(ENTITY ID CODE)*USD(CURRENCY CODE)*1.000(EXCHANGE RATE)*SE(ENTITY ID CODE)*USD(CURRENCY CODE).
PER*DC(CONTACT FUNCTION CODE)*DC GENERAL MGR(NAME).
FOB*DF(SHIPMENT PAYMENT)*ZZ(LOCATION QUALIFIER)*FOB(DESCRIPTION).
ITD**********NET 10 DAYS**C(PAYMENT METHOD CODE).
DTM*037(DATE/TIME QUALIFIER)*20121125(DATE).
DTM*038(DATE/TIME QUALIFIER)*20121127(DATE).
DTM*002(DATE/TIME QUALIFIER)*20121201(DATE).
TD1*CNT90(PACKAGING CODE)*1(LADING QUANTITY).
TD5****J(TRANSPORTATION METHOD)***OR(ORIGIN)*SC(LADING CODE).
TD4****53 FT. TRAILER.
N1*OB(ENTITY ID CODE)* CRANBURY NORTH IDC*92(IDENTIFICATION CODE QUALIFIER)*5965(IDENTIFICATION CODE).
N3*61 CRANBURY STATION RD(ADDRESS INFORMATION).
N4*CRANBURY(CITY NAME)*NJ(STATE OR PROVINCE CODE)*08512(POSTAL CODE)*US(COUNTRY CODE).
N1*SE*ONE WORLD TECH DOM FILL.
REF*DP*025. (HD Department Number)
REF*WO* (WORK ORDER NUMBER).
REF*VR*0000066052.
PO1*00001(ASSIGNED IDENTIFICATION)*11(QUANTITY)*EA(UNIT OR BASIS FOR MEASUREMENT CODE)*.25(UNIT PRICE)**VP(VENDOR'S (SELLER'S) PART NUMBER)*TEST1(PRODUCT/SERVICE ID)*SK(STOCK KEEPINGUNIT)* 1000123456(PRODUCT/SERVICE ID).
PID*F(FREE FORM)****RYOBI 1/2" 5.5A HAMMER DRIL(FREE FORM DESCRIPTION)L.
PO4**11(SIZE)*EA(UNIT OR BASIS FOR MEASUREMENT CODE).
N1*CT**38*US.
N4****US.
CTT*1(NUMBER OF LINE ITEMS)*11(HASH TOTAL).
AMT*TT(TOTAL TRANSACTION AMOUNT)*154(MONETARY AMOUNT).
SE*27*000255536.
GE*3*9477.
IEA*1*000027576.

*Review THD’s EDI Import Supplier 850 PO Specifications or call your EDI contact for further clarification.

US/CAN Version 4060 Non-Merchandise Supplier EDI Purchase Order (850)

Sample reflects same Ship To Location and Delivery Requested Date

ISA*00* *00* *14*072271711USAP **YOUR 2 DIGIT QUALIFIER*YOUR ISA ID**
040416*0915*|*00406*000001204*0*P*>~
GS*PO*072271711USAP**YOUR GS ID* *20040416*091454*259*X*004060~
ST*850*0001~
BEG*00*NE**10-DIGIT HD PO#***CCYYMMDD*(PO DATE)**HD REF#* (PO # plus 5 digit verion #)~
CUR*BY*USD~
REF*MR*123456~ (Vendor number assigned by The Home Depot)
REF*ST*1055~ (4-digit HD Location#)
ITD**********1% 60, Net 61~ (HD Payment Terms)
DTM*002*CCYYMMDD~ (Delivery Requested Date)
N9*PO*VALID 10 DIGIT HD PO#~
MTX*ORI**MESSAGE ASSOCIATED WITH ORIGNIAL ORDER***SS~
N1*OB***92*1055~ (4 digit-HD Location#)
N3*STORE STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
PER*NT**SHIP TO CONTACT NAME**TE**CONTACT PHONE NUMBER~*
N1*ST**CUSTOMER NAME**92*1055~ (Ship To Location)
N3**SHIP TO ADDRESS~*
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
PO1*10*(Line Item #)**10*EA*10***VP**YOUR PART#***SK**HD SKU#***UP**UPC#***~*
PID*F*****Part Description #1~*
PO1*20*(Line Item #)**30*EA*1***VP*YOUR PART#***SK**HD SKU#***UP**UPC#***~*
PID*F*****Part Description#2~*
CTT*2*40~ (# of Line Items*Hash Totals(Sum of PO102 elements)
AMT*TT*130~ (Total cost amount of PO)
SE*23*0001~
GE*1*259~
IEA*1*000001204~

NOTES:

· This example represents all segments and elements that Home Depot maps. Please refer to the 850 specifications for additional conditions regarding when to map the above segments and elements.
· This example represents a sample for a US purchase order. The Canadian example will be the same except for the HD I.D. (072271711CANP) and the Currency (CAD).

US/CAN Version 4060 Non-Merchandise Supplier EDI Purchase Order (850)

Sample reflects different Ship To Locations and different Delivery Requested Dates

ISA*00* *00* *14*072271711USAP *YOU 2 DIGIT QUALIFIER*YOUR ISA ID
*040416*0915*|*00406*000001204*0*P*>~
GS*PO*072271711USAP*YOUR GS ID*20040416*091454*259*X*004060~
ST*850*0001~
BEG*00*NE*VALID 10-DIGIT HD PO#**CCMMYYDD(PO DATE)*HD REF # (PO # plus 5 digit version #)~
CUR*BY*USD~
REF*MR*MERCHANDISE VENDOR NUMBER~ (Vendor number assigned by The Home Depot)
ITD**********1% 60, Net 61~ (HD payment terms)
N9*PO*VALID 10-DIGIT HD PO#~
MTX*ORI*MESSAGE ASSOCIATED WITH ORDER**SS~
N1*OB**92*1039~ (4-digit HD Location #)
N3*STORE STREET ADDRESS~
N4*CITY *STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
PER*NT*SHIP TO CONTACT NAME*TE*CONTACT PHONE NUMBER~
PO1*10(Line Item #)*10*EA*10**VP*YOUR PART#*SK*HD SKU#*UP*UPC#*~
PID*F****Part Description #1~
DTM*002*20040416~
N1*ST*HYDE PARK*92*1039~ (Ship to Location #1)
N3*STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
PO1*20(Line Item #)*30*EA*1**VP*YOUR PART#*SK*HD SKU#*UP*UPC#*~
PID*F****Part Description #2~
DTM*002*20040417~
N1*ST*NEWHALL*92*1055~ (Ship to Location #2)
N3*STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
CTT*2*40~ {#of Line Items*Hash Totals(Sum of PO102 elements)
AMT*TT*130~ (Total cost amount of PO)
SE*26*0001~
GE*1*259~
IEA*1*000001204~

NOTES:

- This example represents all segments and elements that Home Depot maps. Please refer to the 850 specifications for additional conditions regarding when to map the above segments and elements
- This example represents a sample for a US purchase order. The Canadian example will be the same except for the HD I.D. (072271711CANP) and the Currency (CAD)

Version 4060 EDI Special Order PO (850) – Example for Home Depot

ISA*00**00* *(HOME DEPOT 2-DIGIT QUALIFIER)*(HOME DEPOT ISA ID) *(YOUR 2-DIGIT QUALIFIER)*(YOUR ISA I.D)*DATE*TIME*U*00406*(INTERCHANGE CONTROL #)*0*T*>.
GS*PO*(HOME DEPOT GS ID)* (YOUR GS ID)*(DATE)*(TIME)*(GROUP CONTROL #)*X*004060.
ST*850*(TRANSACTION SET CONTROL #).
BEG*00(TRANSACTION SET PURPOSE CODE)*OS(PURCHASE ORDER TYPE CODE)*16527136(PURCHASE ORDER NUMBER)**20121005(DATE)*0116527136(DOC TRACE ID).
CUR*BY(ENTITY ID CODE)*USD(CURRENCY CODE).
SAC*A(ALLOWANCE OR CHARGE INDICATOR)*I170(SERVICE, PROMOTION, ALLOWANCE, OR Charge Code)****3(ALLOWANCE/CHARGE PERCENT QUALIFIER)*.5*****02.
DTM*002(DATE/TIME QUALIFIER)*20121012(DATE).
N1*OB(ENTITY ID CODE)**92(IDENTIFICATION CODE QUALIFIER)*0116(IDENTIFICATION CODE).
N3*9037 HWY 92, SUITE 100(ADDRESS INFORMATION).
N4*WOODSTOCK(CITY NAME)*CA(STATE OR PROVINCE CODE)*30189(POSTAL CODE)*US(COUNTRY CODE).
N1*ST(ENTITY ID CODE)*KUMAR(NAME)*92*0116.
N3*9037 HWY 92, SUITE 100(ADDRESS INFORMATION).
N4*AURORA(CITY NAME)*CO(STATE OR PROVINCE CODE)*80012(POSTAL CODE)*US(COUNTRY CODE).
REF*DP(REFERENCE IDENTIFICATION QUALIFIER)*029(REFERENCE IDENTIFICATION).
REF*3J(REFERENCE IDENTIFICATION QUALIFIER)*0001(REFERENCE IDENTIFICATION).
REF*MR(REFERENCE IDENTIFICATION QUALIFIER)*0060497693(REFERENCE IDENTIFICATION).
REF*AGL(REFERENCE IDENTIFICATION QUALIFIER)*STORE(REFERENCE IDENTIFICATION).
REF*4C(REFERENCE IDENTIFICATION QUALIFIER)*DTS - DIRECT TO STORE(REFERENCE IDENTIFICATION).
PER*NT(CONTACT FUNCTION CODE)*TCS*TE(COMMUNICATION QUALIFIER)*6747568787(COMMUNICATION NUMBER)*AP(COMMUNICATION QUALIFIER)*3536457568(COMMUNICATION NUMBER).
PO1*0001(ASSIGNED IDENTIFICATION)*2(QUANTITY)*EA(UNIT OR BASIS FOR MEASUREMENT CODE)*5(UNIT PRICE)****VP(VENDOR'S (SELLER'S) PART NUMBER)*MER8674AW(PRODUCT/SERVICE ID)*SK(STOCK KEEPINGUNIT)*1000123456 (PRODUCT/SERVICE ID).
PID*F(FREE FORM)****MER8674AW(FREE FORM DESCRIPTION).
PO4**1(SIZE)*EA(UNIT OR BASIS FOR MEASUREMENT CODE).
PO1*0002*1*EA***VP*106587*SK*106587.
PID*F****S/O FREIGHT.
PO4**1(SIZE)*EA(UNIT OR BASIS FOR MEASUREMENT CODE).
CTT*2(NUMBER OF LINE ITEMS)*3(HASH TOTAL).
AMT*TT*7.25.
SE*26*000889054.

*Review THD’s EDI special order 850 PO Specifications or call your EDI contact for further clarification.

Version 4060 EDI Special Order PO cancel (850) – Example for Home Depot

ISA*00* *00* *14*072271711USAP * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID*990801*0628*|*00406*000000001*0*P*>~
GS*PO*072271711USAP * *YOUR GS ID* *19990801*0628*001*X*004060~
ST*850*0000001~
BEG*01*OS* *8-Digit HD PO #** CCYYMMDD* (PO date)**HD Reference #~*
REF*JB**CUSTOMER ORDER NUMBER~*
MTX*ORI**SPECIAL INSTRUCTIONS AND/OR ADDITIONAL ATTRIBUTE INFORMATION***SS~
CUR*BY*USD~
REF*MR*12345~ (Merchandising Vendor Number as assigned by Home Depot)
DTM*002* *CCYYMMDD~* (Delivery Requested)
N9*JB**CUSTOMER ORDER NUMBER~*
N1*SN*THE HOME DEPOT*92**0121~* (4-digit HD store #)
N3**STORE STREET ADDRESS*ADDITIONAL STREET ADDRESS~*
N4**CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~*
PER*NT**AE**AREA CODE**TE**PHONE NUMBER**EX**TELEPHONE EXTENSION~*
N1*ST* *SHIP TO NAME~*
N3**SHIP TO STREET ADDRESS*ADDITIONAL STREET ADDRESS~*
N4**CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~*
PER*NT**AE**AREA CODE**TE**PHONE NUMBER**EX**TELEPHONE EXTENSION~*
N1*OB**CUSTOMER(SIDEMARK) NAME~*
PO1*1*15*EA*2.1225**VP* *YOUR PART #**SK*(1000123456)*HD SKU #~*
PID*F*GEN*** *HD RECEIVING DESCRIPTION~*
PID*F*08*** *HD SKU DESCRIPTION~*
PID*F*ZZ****ATTRIBUTE TYPE:ATTRIBUTE ATTRIBUTE TYPE:ATTRIBUTE~*
PID*F*ZZ****ATTRIBUTE TYPE:ATTRIBUTE ATTRIBUTE TYPE:ATTRIBUTE~*
PID*F*ZZ****ATTRIBUTE TYPE:ATTRIBUTE ATTRIBUTE TYPE:ATTRIBUTE~*
CTT*1*15~ {# of Line Items*Hash Totals (Sum of PO102 elements)}
SE*25*0000001~
GE*1*001~
IEA*1*000000001~

*Review THD's EDI special order cancel 850 PO Specifications or call your EDI contact for further clarification.

U.S—Version 4060 EDI PO Pay By Scan (850)—Example for The Home Depot

ISA*00* *00* ***14*0722717110000** * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID*
*990801*0628*(HEX2E)*00406*000000001***0*P***\.
GS*PO***072271711*** *YOUR GS ID* *19990801*0628*001*X***004060**.
ST*850*0000001.
BEG*00*CN(CN=Consigned Order)*(16001585) 8-Digit HD PO #** CCYYMMDD* (PO date)**HD Reference #.*
CUR*BY*USD*99.
SAC*A*I170****3*.5*****02. (eg. 1/2% EDI/Trade discount - Gross - Off Invoice)
SAC*A*E750****3*10*****02. (eg. 10% New Store discount - Gross - Off Invoice)
DTM*038**CCYYMMDD.* (Ship No Later Than)
N1*OB**92**0121*. (4-digit HD store #)
N3**STORE STREET ADDRESS*ADDITIONAL STREET ADDRESS*.
N4**CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE*.
REF*DP*026. (HD Dept. #)
REF*3J*0003. (HD Buying Office #)
REF*MR*12345. (Merchandising Vendor Number as assigned by Home Depot)
PO1*1*15*EA*2.1225**VP** *YOUR PART #**SK*(1000123456) *HD SKU #**UP**UPC#*.
PID*F**** *HD PRODUCT DESCRIPTION*.
PO4***PACK*UNIT OF MEASURE*.
PO1*2*12*EA*3.55**VP** *YOUR PART #**SK** (1000123456)*HD SKU #**UP**UPC#*.
PID*F**** *HD PRODUCT DESCRIPTION*.
PO4***PACK*UNIT OF MEASURE*.
PO1*3*144*EA*7.8**VP** *YOUR PART #**SK*(1000123456)*HD SKU #**UP**UPC#*.
PID*F**** *HD PRODUCT DESCRIPTION*.
PO4***PACK*UNIT OF MEASURE*.
CTT*3*171. {# of Line Items*Hash Totals (Sum of PO102 elements)}
AMT*TT*2411.52. (The total RETAIL dollar amount of the purchase order)
SE*24*0000001.
GE*1*001.
IEA*1*000000001.

*Review THD's Pay By Scan (850) PO Specifications or call your EDI contact for further clarification.

US Version 4060 EDI PO (850) Example for homedepot.com

ISA*00**00* *(HOME DEPOT 2-DIGIT QUALIFIER)*(HOME DEPOT ISA ID) *(YOUR 2-DIGIT QUALIFIER)*
(YOUR ISA I.D)*DATE*TIME*U*00406*(INTERCHANGE CONTROL #)*0*t*>.
GS*PO*(HOME DEPOT GS ID)* (YOUR GS ID)*(DATE)*(TIME)*(GROUP CONTROL #)*X*004060.
ST*850*(TRANSACTION SET CONTROL #).
BEG*00*DR*01518726(8-Digit HD PO #)**20121015 (PO Date)*9752518726 (HD Reference #)~
CUR*BY*USD~
REF*CO*W137293601(HD.com Internet Order Number)`~
DTM*038*20121016~
TD5**********ET~
N1*BY*Jai Ganesh*92*9752~ (4-digit HD store #)
N4****001~
N1*ST*Prabhakar Tadi*92*9752~
N3*1234 Test Dr(STORE STREET ADDRESS)~
N4*SMYRNA(CITY)*GA(STATE/PROVINCE)*30080(POSTAL CODE)*USA(COUNTRY CODE)~
PER*NT*Prabhakar Tadi(SHIP TO CUSTOMER NAME)*TE*4043587073(CONTACT PHONE)~
N1*OB**92*9752~
N4****001~
REF*DP*29~(HD Dept. #)
REF*3J*25~(HD Buying Office #)
REF*MR*72797~(Merchandising Vendor Number as assigned by Home Depot)
REF*AGL*DTS STORE~(Order Origination Code)
PER*NT*Prabhakar Tadi(SHIP TO CUSTOMER NAME)*TE*4043587073(CONTACT PHONE)~
PO1*0001(ASSIGNED IDENTIFICATION)*10(QUANTITY)*EA(UNIT OR BASIS FOR MEASUREMENT CODE)*10(UNIT PRICE)**VP(VENDOR'S (SELLER'S) PART NUMBER)*219133(PRODUCT/SERVICE ID)
*SK(STOCK KEEPINGUNIT)*1000123456(PRODUCT/SERVICE ID)*UP(UPC
NUMBER)*051131505124(PRODUCT/SERVICE ID)*IN*203399731 (HD.COM
INTERNET SKU)~
PID*F(FREE FORM)****YOW Item1(FREE FORM DESCRIPTION)~
PO4**10(PACK)*EA(UNIT OF MEASURE)~
CTT*1*10~{# of Line Items*Hash Totals (Sum of PO102 elements)}
SE*24*27584~
GE*1*527583~

*Review THD's EDI homedepot.com 850 PO Specifications or call your EDI contact for further

clarification.

THE HOME DEPOT

EDI 852

Point of Sale Data

852 Product Activity Data

X12/V3040/852: 852 Product Activity Data

Version: 6.06

Author: Supplier Services
Modified: 06/07/2006

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852 Product Activity Data

Functional Group=PD

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Activity Data Transaction Set (852) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a distributor, warehouse, or retailer to advise a trading partner of inventory, sales, and other product activity information. Product activity data enables a trading partner to plan and ship, or propose inventory replenishment quantities, for distribution centers, warehouses or retail outlets.The receiver of the transaction set will maintain some type of inventory/product movement records for its trading partners to enable replenishment calculations based on data provided by the distributor, warehouse or retailer.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	XQ	Reporting Date/Action	M	1			Must use
030	XPO	Preassigned Purchase Order Numbers	O	>1			Used
LOOP ID - N1					**200**	**N1/060L**	
060	N1	Name	O	1		N1/060	Used
130	N9	Reference Number	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LIN					**999999**		
150	LIN	Item Identification	O	1			Used
LOOP ID - ZA					**99**	**N2/180L**	
180	ZA	Product Activity Reporting	M	1		N2/180	Must use
200	SDQ	Destination Quantity	O	>1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
210	CTT	Transaction Totals	O	1		N3/210	Used
220	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/060L The reporting location is required. The reporting location is specified explicitly in the N1 segment using the code RL in N101, or implicitly using the SDQ segment (Table 2) with the location data elements. They are

mutually exclusive (the SDQ and the N1 with N101 containing RL).

1/060 The reporting location is required. The reporting location is specified explicitly in the N1 segment using the code RL in N101, or implicitly using the SDQ segment (Table 2) with the location data elements. They are mutually exclusive (the SDQ and the N1 with N101 containing RL).

2/180L The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment, but not in both.

2/180 The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment, but not in both.

3/210 The number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction set.
When sending item and activity data in the LIN loop, the CTT segment is required.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of one or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code to identify the type of information in the Authorization Information **Code** **Name** 00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the sender or the data in the interchange. The type of information is set by the Authorization Information Qualifier.				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code to identify the type of information in the Security Information **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the sender or the data in the interchange. The type of information is set by the Security Information Qualifier.				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer **All valid standard codes are used.**				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		Code **Name** 00304 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1993				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code sent by the sender to request an interchange acknowledgment				
		Code **Name** 0 No Acknowledgment Requested				
ISA15	I14	**Test Indicator**	M	ID	1/1	Must use
		Description: Code to indicate whether data enclosed by this interchange envelope is test or production				
		Code **Name** P Production Data				
ISA16	I15	**Subelement Separator**	M	AN	1/1	Must use
		Description: This is a field reserved for future expansion in separating data element subgroups. (In the interest of a migration to international standards, this must be different from the data element separator).				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** PD Product Activity Data (852)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date (YYMMDD)	M	DT	6/6	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code used in conjunction with Data Element 480 to identify the issuer of the standard **Code** **Name** X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M	AN	1/12	Must use

Code	Name
003040	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1993

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set.				
		Code **Name** 852 X12.52 Product Activity Data				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

XQ Reporting Date/Action

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

To specify reporting date and action to be taken

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
XQ01	305	**Transaction Handling Code**	M	ID	1/1	Must use
		Description: Code designating the action to be taken by all parties.				
		Code **Name** H Notification Only				
XQ02	373	**Date**	M	DT	6/6	Must use
		Description: Date (YYMMDD).				
		The Home Depot Requirements: *Starting Date*				
XQ03	373	**Date**	O	DT	6/6	Used
		Description: Date (YYMMDD).				
		The Home Depot Requirements: *Ending Date*				

Semantics:

1. XQ02 is the reporting date. If reporting a date range, then XQ02 is the start date and XQ03 is the end date.

XPO Preassigned Purchase Order Numbers

Pos: 030 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Used

To transmit preassigned purchase order numbers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
XPO01	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser.				
		The Home Depot Requirements: *This is for The Home Depot's internal use only. The trading partner should not map or use this field in any manner.*				
XPO02	324	**Purchase Order Number**	O	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser.				

Syntax Rules:

1. P0304 - If either XPO03 or XPO04 is present, then the other is required.

Semantics:

1. XPO01 is the preassigned purchase order number. If a range of purchase order numbers is to be transmitted, use XPO01 for the first number and XPO02 as the ending number.

Comments:

1. XPO03 and XPO04 specify the location that the purchase order numbers apply to.

Loop N1

Pos: 060	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

To identify a party by type of organization, name and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
060	N1	Name	O	1		Used
130	N9	Reference Number	O	>1		Used

N1 Name

Pos: 060	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To identify a party by type of organization, name and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying an organizational entity, a physical location, or an individual				
		Code **Name** RL Reporting Location				
N102	93	**Name**	X	AN	1/35	Used
		Description: Free-form name.				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N9 Reference Number

Pos: 130	Max: >1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To transmit identifying numbers and descriptive information as specified by the reference number qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Number Qualifier**	M	ID	2/2	Must use
		Description: Code qualifying the Reference Number.				
		Code **Name** DP Department Number VR Merchandising Vendor Number				
N902	127	**Reference Number**	X	AN	1/30	Used
		Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.				
		The Home Depot Requirements: *If N901 is "DP", the N902 will be the 3-digit Department number*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.

Loop LIN

Pos: 150	Repeat: 999999
Optional	
Loop: LIN	Elements: N/A

User Option (Usage): Used

To specify basic item identification data.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
150	LIN	Item Identification	O	1		Used
180		Loop ZA	M		99	Must use

LIN Item Identification

Pos: 150	Max: 1
Detail - Optional	
Loop: LIN	Elements: 6

User Option (Usage): Used

To specify basic item identification data.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). **Code** **Name** SK Stock Keeping Unit (SKU)				
LIN03	234	**Product/Service ID**	M	AN	1/30	Must use
		Description: Identifying number for a product or service. **The Home Depot Requirements:** *6-Digit Home Depot SKU number*				
LIN04	235	**Product/Service ID Qualifier**	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). **Code** **Name** VP Vendor's (Seller's) Part Number				
LIN05	234	**Product/Service ID**	X	AN	1/30	Used
		Description: Identifying number for a product or service.				
LIN06	235	**Product/Service ID Qualifier**	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). **Code** **Name** UP UPC Consumer Package Code (1-5-5-1)				
LIN07	234	**Product/Service ID**	X	AN	1/30	Used
		Description: Identifying number for a product or service.				

Syntax Rules:

1. C0405 - If LIN04 is present, then LIN05 is required.
2. C0607 - If LIN06 is present, then LIN07 is required.
3. C0809 - If LIN08 is present, then LIN09 is required.
4. C1011 - If LIN10 is present, then LIN11 is required.
5. C1213 - If LIN12 is present, then LIN13 is required.
6. C1415 - If LIN14 is present, then LIN15 is required.
7. C1617 - If LIN16 is present, then LIN17 is required.
8. C1819 - If LIN18 is present, then LIN19 is required.

9. C2021 - If LIN20 is present, then LIN21 is required.
10. C2223 - If LIN22 is present, then LIN23 is required.
11. C2425 - If LIN24 is present, then LIN25 is required.
12. C2627 - If LIN26 is present, then LIN27 is required.
13. C2829 - If LIN28 is present, then LIN29 is required.
14. C3031 - If LIN30 is present, then LIN31 is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of ID's.
2. LIN02 through LIN31 provide for fifteen (15) different product/service ID's for each item. For Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Loop ZA

Pos: 180	Repeat: 99
Mandatory	
Loop: ZA	Elements: N/A

User Option (Usage): Must use

To provide activity details concerning product being reported

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
180	ZA	Product Activity Reporting	M	1		Must use
200	SDQ	Destination Quantity	O	>1		Used

ZA Product Activity Reporting

Pos: 180	Max: 1
Detail - Mandatory	
Loop: ZA	Elements: 3

User Option (Usage): Must use

To provide activity details concerning product being reported

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ZA01	859	**Activity Code**	M	ID	2/2	Must use
		Description: Code identifying activity details for the product being reported.				
		Code **Name**				
		QE Ending Balance Quantity				
		The Home Depot Requirements: *Not provided on History files*				
		QS Quantity Sold				
ZA04	374	**Date/Time Qualifier**	X	ID	3/3	Used
		Description: Code specifying type of date or time, or both date and time.				
		Code **Name**				
		174 Month Ending				
		The Home Depot Requirements: *For History Only*				
ZA05	373	**Date**	X	DT	6/6	Used
		Description: Date (YYMMDD).				
		The Home Depot Requirements: *Period ending date for History files only*				

Syntax Rules:

1. P0203 - If either ZA02 or ZA03 is present, then the other is required.
2. P0405 - If either ZA04 or ZA05 is present, then the other is required.
3. P0607 - If either ZA06 or ZA07 is present, then the other is required.

SDQ Destination Quantity

Pos: 200	Max: >1
Detail - Optional	
Loop: ZA	Elements: 4

User Option (Usage): Used

To specify destination and quantity detail.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code	Name
DO	Dollars
	The Home Depot Requirements: *Amount rounded to the nearest whole dollar*
EA	Each
	The Home Depot Requirements: *Home Depot's Unit of Measure code for the identified product.*

SDQ02	66	**Identification Code Qualifier**	O	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67).

Code	Name
56	Buying Office Number
92	Store Number
MK	Market Number

SDQ03	67	**Identification Code**	M	AN	2/17	Must use

Description: Code identifying a party or other code.

SDQ04	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity.

The Home Depot Requirements: *Quantity Sold, Retail Dollar Amount, or On-Hand Quantity based on preceding ZA01 code.*

Syntax Rules:

1. C0506 - If SDQ05 is present, then SDQ06 is required.
2. C0708 - If SDQ07 is present, then SDQ08 is required.
3. C0910 - If SDQ09 is present, then SDQ10 is required.
4. C1112 - If SDQ11 is present, then SDQ12 is required.
5. C1314 - If SDQ13 is present, then SDQ14 is required.
6. C1516 - If SDQ15 is present, then SDQ16 is required.
7. C1718 - If SDQ17 is present, then SDQ18 is required.
8. C1920 - If SDQ19 is present, then SDQ20 is required.
9. C2122 - If SDQ21 is present, then SDQ22 is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ23 may be used to identify areas within a store, e.g. front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

CTT Transaction Totals

Pos: 210	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set.				

Syntax Rules:

1. C0304 - If CTT03 is present, then CTT04 is required.
2. C0506 - If CTT05 is present, then CTT06 is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 220	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments.				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of one or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in a transmission.				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: This number uniquely identifies the interchange data to the sender. It is assigned by the sender. Together with the sender ID it uniquely identifies the interchange data to the receiver. It is suggested that the sender, receiver, and all third parties be able to maintain an audit trail of interchanges using this number.				

US/CAN-Version 3040 EDI POS (852)-Example for The Home Depot

ISA*00* *00* *14*0722717110100 * YOUR 2-DIGIT QUALIFIER*YOUR ISA I.D.
*990804*1337*|*00406*000000001(interchange control #)*0*P*>~
GS*PD*072271711* YOUR GS ID *990804*1337*0001(group control #)*X*003040~
ST*852*000000758.
XQ*H(TRANSACTION CODE)*110806(STARTING DATE)*110806(ENDING DATE).
XPO*85220120629081634001.
N1*RL*THE HOME DEPOT,USA(NAME).
N9*VR*0000017476(Merchandising vendor number).
N9*DP*22(DEPARTMENT #).
SDQ*EA*92*8475*10
LIN**SK*1000123456 (SKU #)*VP*USE SKU 572776(VENDOR PART #)*UP*042919013010(UPC #).
ZA*QS(QUANTITY SOLD).
SDQ*EA(EACH)*92*0201*2*0423*2*0651*-*0925*.01*0949*.01*0975*8*0989*15*1211*2*1215*.01*1914*9.
SDQ*DO(DOLLARS)*92*0201*20*0423*80*0651*-6.62*0925*130*0949*60*0975*.58*0989*-
.86*1211*20*1215*90*1914*.44.
SDQ*EA*92*1981*1*3106*15*6620*6.
SDQ*DO*92*1981*2.66*3106*-.37*6620*.34.
ZA*QE(BALANCE QUANTITY).
SDQ*EA*92*0201*22*0423*33*0651*.01*0925*44*0949*55*0975*.01*0989*.01*1211*.01
*1215*66*1914*.01.
SDQ*EA*92*1981*.01*3106*.01*6620*.01.
CTT*37.
SE*1*000000758
GE*1*1~
IEA*1*000000001~

*Review THD's EDI Domestic POS(852) Specifications or call your EDI contact for further clarification.

THE HOME DEPOT

EDI 856

Advanced Ship Notice

856 Ship Notice/Manifest

X12/V4060/856: US Regular Merchandise ASN

Company:	**The Home Depot**
Publication:	**11/25/2013**

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856 Ship Notice/Manifest

Functional Group=SH

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
1100	TD1	Carrier Details (Quantity and Weight)	O	20			Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Must use
1500	REF	Reference Information	M	>1			Used
2000	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					**200**		
2200	N1	Party Identification	O	1			Must use
2400	N3	Party Location	O	2			Used
2500	N4	Geographic Location	O	1			Must use
LOOP ID - N1					**200**		
2200	N1	Party Identification	O	1			Must use
2400	N3	Party Location	O	2			Must use
2500	N4	Geographic Location	O	1			Must use
LOOP ID - N1					**200**		
2200	N1	Party Identification	O	1			Used
2400	N3	Party Location	O	2			Used
2500	N4	Geographic Location	O	1			Used
LOOP ID - HL					**200000**	**C2/0100L**	

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0500	PRF	Purchase Order Reference	O	1			Must use
1100	TD1	Carrier Details (Quantity and Weight)	M	20			Must use
1900	MAN	Marks and Numbers Information	O	>1			Used
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
1900	MAN	Marks and Numbers Information	M	>1			Must use
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Must use
0300	SN1	Item Detail (Shipment)	O	1			Must use
0400	SLN	Subline Item Detail	O	1000			Used
0600	PO4	Item Physical Details	O	1			Used
0700	PID	Product/Item Description	O	200			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Comments:

2/0100L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

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The Home Depot Requirements:

Important Information:

This version of the ASN allows for the following variations:

1. *1 Purchase Order per ASN.*
2. *Multiple Purchase Orders per ASN to a single location.*
3. *1 ASN for each Small Package Carrier Assigned Tracking Number (where applicable).*

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **CodeList Summary** (Total Codes: 41, Included: 1) **Code** **Name** 14 Duns Plus Suffix				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **CodeList Summary** (Total Codes: 12, Included: 2)				

Code	Name
0722717110100	US Production
0722717110CAP	Canada Production

ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I65	**Repetition Separator**	M		1/1	Must use

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

CodeList Summary (Total Codes: 5, Included: 5)

Code	Name
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 18, Included: 1)

Code	Name
00406	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code indicating sender's request for an interchange acknowledgment

All valid standard codes are used. (Total Codes: 2)

ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use

Description: Code indicating whether data enclosed by this interchange envelope is test, production or information

All valid standard codes are used. (Total Codes: 3)

ISA16	I15	**Component Element Separator**	M		1/1	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 262, Included: 1)				
		Code **Name**				
		SH Ship Notice/Manifest (856)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
		CodeList Summary (Total Codes: 5, Included: 2)				
		Code **Name**				
		072271711 US Production				
		072271711C Canada Production				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		All valid standard codes are used. (Total Codes: 2)				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				

CodeList Summary (Total Codes: 49, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 316, Included: 1)				
		Code **Name**				
		856 Ship Notice/Manifest				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSN Beginning Segment for Ship Notice

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 5**

User Option (Usage): Must use
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 66, Included: 1)				
		Code **Name**				
		14 Advance Notification				
BSN02	396	**Shipment Identification**	M	AN	2/30	Must use
		Description: A unique control number assigned by the original shipper to identify a specific shipment				
BSN03	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
BSN04	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
BSN05	1005	**Hierarchical Structure Code**	O	ID	4/4	Used
		Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set				
		CodeList Summary (Total Codes: 80, Included: 1)				
		Code **Name**				
		0002 Shipment, Order, Item, Packaging				

Syntax Rules:

1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Loop Hierarchical Level

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1100	TD1	Carrier Details (Quantity and Weight)	O	20		Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Must use
1500	REF	Reference Information	M	>1		Used
2000	DTM	Date/Time Reference	O	10		Used
2200		Loop N1	O		200	Must use
2200		Loop N1	O		200	Must use
2200		Loop N1	O		200	Used

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Loop Path: HL

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		S Shipment				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

TD1 Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Optional	
Loop: HL	Elements: 5

Loop Path: HL

User Option (Usage): Must use

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD101	103	**Packaging Code**	O	AN	3/5	Used
		Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required				
		CodeList Summary (Total Codes: 155, Included: 1)				
		Code **Name**				
		PCS Pieces				
TD102	80	**Lading Quantity**	X	N0	1/7	Used
		Description: Number of units (pieces) of the lading commodity				
TD106	187	**Weight Qualifier**	O	ID	1/2	Used
		Description: Code defining the type of weight				
		CodeList Summary (Total Codes: 52, Included: 1)				
		Code **Name**				
		A3 Shippers Weight				
TD107	81	**Weight**	X	R	1/10	Used
		Description: Numeric value of weight				
TD108	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used. (Total Codes: 811)				

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0304 - If TD103 is present, then TD104 is required.
3. C0607 - If TD106 is present, then TD107 is required.
4. P0708 - If either TD107 or TD108 is present, then the other is required.
5. P0910 - If either TD109 or TD110 is present, then the other is required.

Comments:

1. If multiple POs are contained on a single (1) ASN, this is the weight of the entire shipment.
2. If a single (1) PO is contained on the ASN, this is the weight of the PO being shipped. Likewise, this weight will also be provided in the HL - Order loop.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 4

Loop Path: HL

User Option (Usage): Must use

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 243, Included: 1)				
		Code **Name**				
		2 Standard Carrier Alpha Code (SCAC)				
TD503	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
TD505	387	**Routing**	X	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
TD506	368	**Shipment/Order Status Code**	X	ID	2/2	Used
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction				
		The Home Depot Requirements: *Home Depot does not accept backorders so the quantity shipped is considered a complete order.*				
		CodeList Summary (Total Codes: 102, Included: 1)				
		Code **Name**				
		CC Shipment Complete on (Date)				

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier

within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

REF Reference Information

Pos: 1500	Max: >1
Detail - Mandatory	
Loop: HL	Elements: 2

Loop Path: HL
User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 2)				
		Code **Name**				
		BM Bill of Lading Number				
		CN Carrier's Reference Number				
REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		The Home Depot Requirements: *BM: maximum number of characters is 30. No special characters can populate this segment. The reference number cannot duplicate on subsequent shipments.*				
		CN: maximum number of characters is 20. For RDC/TF, maximum characters can be 20. No special characters can populate this segment. The REF02 with indicator "CN" segment must be populated with the same reference number for all ASNs on a load. The reference number cannot duplicate on subsequent shipments.				
		For CN qualifier use the following logic to populate REF 02:				
		TMS shipment ID				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL
User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		CodeList Summary (Total Codes: 1277, Included: 1)				
		Code **Name**				
		011 Shipped				
DTM02	373	**Date**	X	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Party Identification

Pos: 2200 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

Loop Path: HL
User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Party Identification	O	1		Must use
2400	N3	Party Location	O	2		Used
2500	N4	Geographic Location	O	1		Must use

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

Loop Path: HL-N1

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		OB Ordered By				
N102	93	**Name**	X	AN	1/60	Must use
		Description: Free-form name				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

Loop Path: HL-N1
User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 2500	Max: 1
Detail - Optional	
Loop: N1	Elements: 6

Loop Path: HL-N1
User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				
N405	309	**Location Qualifier**	X	ID	1/2	Must use
		Description: Code identifying type of location				
		The Home Depot Requirements: *The N405 and N406 are used when the N101 contains the OB qualifier.*				
		CodeList Summary (Total Codes: 184, Included: 1)				
		Code **Name**				
		SN Store Number				
N406	310	**Location Identifier**	O	AN	1/30	Must use
		Description: Code which identifies a specific location				
		The Home Depot Requirements: *The N405 and N406 are used when the N101 contains the OB qualifier.* *The N406 should contain the 4 digit Home Depot store number.*				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Party Identification

Pos: 2200 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

Loop Path: HL
User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Party Identification	O	1		Must use
2400	N3	Party Location	O	2		Must use
2500	N4	Geographic Location	O	1		Must use

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

Loop Path: HL-N1

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		SH Shipper				
N102	93	**Name**	X	AN	1/60	Must use
		Description: Free-form name				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

Loop Path: HL-N1
User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 2500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

Loop Path: HL-N1
User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Party Identification

Pos: 2200 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

Loop Path: HL
User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Party Identification	O	1		Used
2400	N3	Party Location	O	2		Used
2500	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

Loop Path: HL-N1
User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 2)				
		Code **Name**				
		SF Ship From				
		ST Ship To				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

The SF and ST should only be utilized when shipping stock merchandise to a non-Home Depot site. For example, a direct ship to customer or job site.

N3 Party Location

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

Loop Path: HL-N1
User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 2500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

Loop Path: HL-N1
User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Hierarchical Level

Pos: 0100 **Repeat: 200000**
Mandatory
Loop: HL **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0500	PRF	Purchase Order Reference	O	1		Must use
1100	TD1	Carrier Details (Quantity and Weight)	M	20		Must use
1900	MAN	Marks and Numbers Information	O	>1		Used

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Loop Path: HL

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		O Order				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0500	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL
User Option (Usage): Must use
Purpose: To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
PRF04	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

TD1 Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Mandatory	
Loop: HL	Elements: 3

Loop Path: HL

User Option (Usage): Must use

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD106	187	**Weight Qualifier**	M	ID	1/2	Must use
		Description: Code defining the type of weight				
		CodeList Summary (Total Codes: 52, Included: 1)				
		Code **Name**				
		A3 Shippers Weight				
TD107	81	**Weight**	M	R	1/10	Must use
		Description: Numeric value of weight				
TD108	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 811, Included: 2)				
		Code **Name**				
		KG Kilogram				
		LB Pound				

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0304 - If TD103 is present, then TD104 is required.
3. C0607 - If TD106 is present, then TD107 is required.
4. P0708 - If either TD107 or TD108 is present, then the other is required.
5. P0910 - If either TD109 or TD110 is present, then the other is required.

Comments:

1. This is the weight of the PO contained within the HL - Order loop.
2. If multiple POs are contained on the ASN, the weight will be provided for each PO within the HL - Order loop.
3. The weight of the entire shipment (all Purchase Orders) will be contained in the TD1 segment at the HL- S shipment level.

The Home Depot Requirements:

The PO Weight (TD106-TD108) is REQUIRED for ALL Transit Facility shipments.

If a supplier shipping Direct to Store shipments is utilizing 1 ASN map to support both (1) RDC/Transit Facility and (2) Direct to Store shipments, then this segment may be provided on the ASN.

MAN Marks and Numbers Information

Pos: 1900 **Max: >1**
Detail - Optional
Loop: HL **Elements: 2**

Loop Path: HL
User Option (Usage): Used
Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use
		Description: Code specifying the application or source of Marks and Numbers (87)				
		CodeList Summary (Total Codes: 21, Included: 1)				
		Code **Name**				
		CP Carrier-Assigned Package ID Number				
MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
		The Home Depot Requirements: *The carrier assigned tracking number/package number for the carton shipped. The MAN segment will be repeated for each tracking/package number associated with the PO.* *The reference number cannot be duplicated on subsequent shipments.*				

Syntax Rules:

1. P0405 - If either MAN04 or MAN05 is present, then the other is required.
2. C0605 - If MAN06 is present, then MAN05 is required.

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments:

1. When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
2. MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers.
3. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.
4. NOTE: This segment is OPTIONAL FOR TRANSIT FACILITY SHIPMENTS as it is only required for Direct to Store Small Package shipments.
5. If a Transit Facility supplier is utilizing 1 ASN map to support both (1) Transit Facility shipments and (2) direct to store small package shipments, then this segment may be provided on all ASNs.

Loop Hierarchical Level

Pos: 0100 **Repeat: 200000**
Mandatory
Loop: HL **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1900	MAN	Marks and Numbers Information	M	>1		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Loop Path: HL

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	M	AN	1/12	Must use
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		T Shipping Tare				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

The Home Depot Requirements:

The HL - T (Tare) and corresponding MAN segment for Pallet and Loose Unit Barcode are REQUIRED for all Transit Facility Optional for Direct to Store shipments.

If a Small Package Direct to Store supplier is utilizing 1 ASN map to support both (1) RDC/Transit Facility shipments and (2) Direct to Store small package shipments, then this segment may be provided on all ASNs.

MAN Marks and Numbers Information

Pos: 1900 **Max: >1**
Detail - Mandatory
Loop: HL **Elements: 2**

Loop Path: HL
User Option (Usage): Must use
Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use
		Description: Code specifying the application or source of Marks and Numbers (87)				
		CodeList Summary (Total Codes: 21, Included: 1)				
		Code **Name**				
		GM SSCC-18 and Application Identifier				
		The Home Depot Requirements: *The GM qualifier represents the SSCC-18/UCC128 pallet level barcode. The UCC 128 represents a 20 digit number.*				
MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
		The Home Depot Requirements: *The SSCC-18/UCC128 provided in the MAN02 should represent the pallet level barcode. The UCC 128 represents a 20 digit number. The reference number cannot be duplicated on subsequent shipments.* *The HL - I Item loop(s) within the HL - T (Tare) loop should represent all of the merchandise items that are contained on a specific pallet based on the barcode identified in the MAN02.*				

Syntax Rules:

1. P0405 - If either MAN04 or MAN05 is present, then the other is required.
2. C0605 - If MAN06 is present, then MAN05 is required.

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments:

1. When MAN01 contains code "UC" (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shipping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
2. MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers.
3. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

The Home Depot Requirements:

The Pallet and Loose Unit Barocde (MAN01-MAN02) is REQUIRED for ALL RDC shipments.

Loop Hierarchical Level

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	LIN	Item Identification	O	1		Must use
0300	SN1	Item Detail (Shipment)	O	1		Must use
0400	SLN	Subline Item Detail	O	1000		Used
0600	PO4	Item Physical Details	O	1		Used
0700	PID	Product/Item Description	O	200		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

Loop Path: HL

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		I Item				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 7

Loop Path: HL
User Option (Usage): Must use
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	O	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 3)				
		Code **Name**				
		SK Stock Keeping Unit (SKU)				
		UP UCC - 12				
		Description: *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)*				
		VP Vendor's (Seller's) Part Number				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
		The Home Depot Requirements: *This segment cannot contain dashes or other special characters.*				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 3)				
		Code **Name**				
		SK Stock Keeping Unit (SKU)				
		UP UCC - 12				
		Description: *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)*				
		VP Vendor's (Seller's) Part Number				
LIN05	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

CodeList Summary (Total Codes: 519, Included: 3)

Code	Name
SK	Stock Keeping Unit (SKU)
UP	UCC - 12
	Description: *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)*
VP	Vendor's (Seller's) Part Number

LIN07	234	**Product/Service ID**	X	AN	1/48	Must use

Description: Identifying number for a product or service

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

Loop Path: HL
User Option (Usage): Must use
Purpose: To specify line-item detail relative to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN101	350	**Assigned Identification**	O	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.
2. SN105 is quantity ordered.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

SLN Subline Item Detail

Pos: 0400	Max: 1000
Detail - Optional	
Loop: HL	Elements: 5

Loop Path: HL
User Option (Usage): Used
Purpose: To specify product subline detail item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
SLN03	662	**Relationship Code**	M	ID	1/1	Must use
		Description: Code indicating the relationship between entities				
		CodeList Summary (Total Codes: 5, Included: 1)				
		Code **Name**				
		I Included				
SLN04	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SLN05	C001	**Composite Unit of Measure**	X	Comp		Used
		Description: To identify a composite unit of measure (See Figures Appendix for examples of use)				
SLN05-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
SLN05-02	1018	**Exponent**	O	R	1/15	Used
		Description: Power to which a unit is raised				
SLN05-03	649	**Multiplier**	O	R	1/10	Used
		Description: Value to be used as a multiplier to obtain a new value				
SLN05-04	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
SLN05-05	1018	**Exponent**	O	R	1/15	Used
		Description: Power to which a unit is raised				
SLN05-06	649	**Multiplier**	O	R	1/10	Used
		Description: Value to be used as a multiplier to obtain a new value				
SLN05-07	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
SLN05-08	1018	**Exponent**	O	R	1/15	Used
		Description: Power to which a unit is raised				
SLN05-09	649	**Multiplier**	O	R	1/10	Used
		Description: Value to be used as a multiplier to obtain a new value				
SLN05-10	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
SLN05-11	1018	**Exponent**	O	R	1/15	Used
		Description: Power to which a unit is raised				
SLN05-12	649	**Multiplier**	O	R	1/10	Used
		Description: Value to be used as a multiplier to obtain a new value				
SLN05-13	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
SLN05-14	1018	**Exponent**	O	R	1/15	Used
		Description: Power to which a unit is raised				
SLN05-15	649	**Multiplier**	O	R	1/10	Used
		Description: Value to be used as a multiplier to obtain a new value				
SLN06	212	**Unit Price**	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				

Syntax Rules:

1. P0405 - If either SLN04 or SLN05 is present, then the other is required.
2. C0706 - If SLN07 is present, then SLN06 is required.
3. C0806 - If SLN08 is present, then SLN06 is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.
8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

Semantics:

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

PO4 Item Physical Details

Pos: 0600	Max: 1
Detail - Optional	
Loop: HL	Elements: 4

Loop Path: HL

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	**Pack**	O	N0	1/6	Must use
		Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container				
PO402	357	**Size**	X	R	1/8	Must use
		Description: Size of supplier units in pack				
PO403	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
PO404	103	**Packaging Code**	X	AN	3/5	Used
		Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required **All valid standard codes are used. (Total Codes: 212)**				

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".

2. PO413 defines the unit of measure for PO410, PO411, and PO412.

PID Product/Item Description

Pos: 0700	Max: 200
Detail - Optional	
Loop: HL	Elements: 2

Loop Path: HL
User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description **All valid standard codes are used. (Total Codes: 3)**				
PID05	352	**Description**	X	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
		The Home Depot Requirements: *Number of HL Loops in transaction*				
CTT02	347	**Hash Total**	O	R	1/10	Must use
		Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total				
		The Home Depot Requirements: *The Sum on SN102 elements (units shipped)*				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

856 Ship Notice/Manifest

X12/V4060/856: 856 Ship Notice/Manifest

Version: 1.0 Final

Company:
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Notes:

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856 Ship Notice/Manifest

Functional Group=SH

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
1100	TD1	Carrier Details (Quantity and Weight)	O	20			Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Must use
1500	REF	Reference Information	O	>1			Must use
1500	REF	Reference Information	O	>1			Used
1500	REF	Reference Information	O	>1			Must use
1500	REF	Reference Information	O	>1			Must use
1510	PER	Administrative Communications Contact	O	3			Must use
2000	DTM	Date/Time Reference	O	10			Must use
LOOP ID - N1					**200**		
2200	N1	Party Identification	O	1			Must use
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0500	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Must use
0300	SN1	Item Detail (Shipment)	O	1			Must use

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0600	PO4	Item Physical Details	O	1			Used
0700	PID	Product/Item Description	O	200			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Comments:

2/0100L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

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ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **CodeList Summary** (Total Codes: 41, Included: 1) **Code** **Name** 14 Duns Plus Suffix				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **CodeList Summary** (Total Codes: 12, Included: 4)				

Code	Name
072271711 CANC	Canada Test
072271711 CANP	Canada Production
072271711 USAC	US Test
072271711 USAP	US Production

ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I65	**Repetition Separator**	M		1/1	Must use

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

CodeList Summary (Total Codes: 5, Included: 5)

Code	Name
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 770-433-8211 x10036, option 2.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 18, Included: 1)

Code	Name
00406	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code indicating sender's request for an interchange acknowledgment

All valid standard codes are used. (Total Codes: 2)

ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used. (Total Codes: 3)**				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 262, Included: 1)				
		Code **Name**				
		SH Ship Notice/Manifest (856)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
		CodeList Summary (Total Codes: 7, Included: 4)				
		Code **Name**				
		072271711C Canada Production				
		072271711CANC Canada Certification				
		072271711USAC US Certification				
		072271711USAP US Production				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		All valid standard codes are used. (Total Codes: 2)				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 49, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 316, Included: 1)				
		Code **Name**				
		856 Ship Notice/Manifest				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSN Beginning Segment for Ship Notice

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 5**

User Option (Usage): Must use
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 66, Included: 1)				
		Code **Name**				
		14 Advance Notification				
BSN02	396	**Shipment Identification**	M	AN	2/30	Must use
		Description: A unique control number assigned by the original shipper to identify a specific shipment				
BSN03	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
BSN04	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
BSN05	1005	**Hierarchical Structure Code**	O	ID	4/4	Must use
		Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set				
		CodeList Summary (Total Codes: 80, Included: 1)				
		Code **Name**				
		0002 Shipment, Order, Item, Packaging				

Syntax Rules:

1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Loop Hierarchical Level

Pos: 0100 **Repeat: 200000**
Mandatory
Loop: HL **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1100	TD1	Carrier Details (Quantity and Weight)	O	20		Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Must use
1500	REF	Reference Information	O	>1		Must use
1500	REF	Reference Information	O	>1		Used
1500	REF	Reference Information	O	>1		Must use
1500	REF	Reference Information	O	>1		Must use
1510	PER	Administrative Communications Contact	O	3		Must use
2000	DTM	Date/Time Reference	O	10		Must use
2200		Loop N1	O		200	Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		S Shipment				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

TD1 Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Must use

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD101	103	**Packaging Code**	O	AN	3/5	Must use

Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

CodeList Summary (Total Codes: 155, Included: 1)

Code	Name
PCS	Pieces

CodeList Summary (Total Codes: 57, Included: 57)

Code	Name
01	Aluminum
03	Hard Wood
04	As Specified by the DOT
05	Soft Wood
07	Burlap
10	Chemically Hardened Fibre
13	Cloth
16	Cloth Top
19	Cloth or Fabric
22	Compressed
25	Corrugated or Solid
28	Double-wall Paper
31	Fibre
34	Fibre (Paperboard)
37	Fiberboard
40	Fiberboard Metal
43	Glass
46	In Inner Containers
48	Wire/Cord **Description:** *Something that binds, ties, or encircles the package/container to secure and maintain unit integrity*
49	Insulated
50	Steel - Vinyl Coated **Description:** *Steel that has been covered with a plastic material*
51	Wire Mesh
52	Iron or Steel
53	Jumbo
54	Special Jumbo
55	Lead

Code	Name
58	Metal
59	Metal Cans
61	Moisture Resistant
64	Molded Plastic
67	Multiple-wall Paper (2 or more walls)
70	Multiple-wall Paper (3 or more walls)
71	Not Otherwise Specified
72	Paper - VCI **Description:** *Water-resistant paper that is treated by the addition of materials to provide resistance to damage or deterioration by water in liquid form*
73	Other than Glass
74	Other than Metal or Plastic Tubes, or Glass
75	Plastic - Vacuum Formed **Description:** *Packaging material that is formed by heating plastic sheet and drawing it against the mold surface by evacuating the air between the sheet and the mold*
76	Paper
77	Plastic - Structural Foam **Description:** *A method of manufacturing containers and shipping devices by mixing plastic resins with a foaming agent, heating it and injecting the mix into a two-piece machined aluminum mold*
78	Plastic - Injection Molded **Description:** *Packaging material that is formed by melting the material and then forcing it under pressure into a cavity of a closed mold*
79	Plastic
80	Polyethylene Lined
81	Plastic - Virgin **Description:** *Plastic in the form of pellets, granules, powder, floc, or liquid that has not been subjected to use or processing other than for its initial manufacture*
82	Pulpboard
83	Plastic - Regrind **Description:** *A plastic prepared from discarded articles that have been reprocessed, often changing some of its original properties*
84	Polystyrene **Description:** *A polymer prepared by the polymerization of styrene as the sole monomer*
85	Rubber
86	Foam **Description:** *In packaging, a cushioning material used to reduce shock and vibration or abrasion*
88	Rubber and Fabric
89	Special
90	Standard
91	Stainless Steel
92	Tubes, Metal or Plastic
94	Wood
95	Single Wall Corrugated Board **Description:** *The structure formed by one corrugated inner member between two*

Code	Name
	flat facings; also known as double face
96	Double Wall Corrugated Board **Description:** *The structure formed by three flat facings and two intermediate corrugated members*
97	Triple Wall Corrugated Board **Description:** *The structure formed by four flat facings and three intermediate corrugated members*

TD102	80	**Lading Quantity**	X	N0	1/7	Must use
		Description: Number of units (pieces) of the lading commodity				
TD106	187	**Weight Qualifier**	O	ID	1/2	Must use
		Description: Code defining the type of weight				

CodeList Summary (Total Codes: 52, Included: 1)

Code	Name
A3	Shippers Weight

TD107	81	**Weight**	X	R	1/10	Must use
		Description: Numeric value of weight				
TD108	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0304 - If TD103 is present, then TD104 is required.
3. C0607 - If TD106 is present, then TD107 is required.
4. P0708 - If either TD107 or TD108 is present, then the other is required.
5. P0910 - If either TD109 or TD110 is present, then the other is required.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Must use

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 243, Included: 1)				
		Code **Name**				
		2 Standard Carrier Alpha Code (SCAC)				
TD503	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		The Home Depot Requirements: *Standard Carrier Alpha Code (SCAC)*				
TD505	387	**Routing**	X	AN	1/35	Must use
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
		The Home Depot Requirements: *Carrier Name*				
TD506	368	**Shipment/Order Status Code**	X	ID	2/2	Must use
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction				
		CodeList Summary (Total Codes: 102, Included: 1)				
		Code **Name**				
		CC Shipment Complete on (Date)				

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use

TD503 to identify the actual routing sequence, specified by the party identified in TD502.

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		MR Merchandise Type Code				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		The Home Depot Requirements: *Merchandise Vendor Number assigned by The Home Depot*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		BM Bill of Lading Number				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		The Home Depot Requirements: *Bill of Lading Number*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		CN Carrier's Reference Number (PRO/Invoice)				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		The Home Depot Requirements: *Pro Number / Freight Bill Number*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		63 Prior Loan Number				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		The Home Depot Requirements: *Confirmation Number*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

PER Administrative Communications Contact

Pos: 1510 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use
Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		CodeList Summary (Total Codes: 238, Included: 1)				
		Code **Name**				
		OC Order Contact				
PER02	93	**Name**	O	AN	1/60	Must use
		Description: Free-form name				
		The Home Depot Requirements: *Name of individual at supplier that the store can contact regarding order questions.*				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		CodeList Summary (Total Codes: 1277, Included: 1)				
		Code **Name**				
		011 Shipped				
DTM02	373	**Date**	X	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Party Identification

Pos: 2200 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		SN Store				
N102	93	**Name**	X	AN	1/60	Must use
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		All valid standard codes are used. (Total Codes: 243)				
N104	67	**Identification Code**	X	AN	2/80	Must use
		Description: Code identifying a party or other code				
		The Home Depot Requirements: *4-Digit Home Depot Store Number*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop Hierarchical Level

Pos: 0100 **Repeat: 200000**
Mandatory
Loop: HL **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0500	PRF	Purchase Order Reference	O	1		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Must use
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		O Order				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0500 **Max: 1**
Detail - Optional
Loop: HL **Elements: 3**

User Option (Usage): Must use
Purpose: To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
PRF04	373	**Date**	O	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
PRF07	92	**Purchase Order Type Code**	O	ID	2/2	Used
		Description: Code specifying the type of Purchase Order				
		CodeList Summary (Total Codes: 76, Included: 1)				
		Code **Name**				
		OS Special Order				

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop Hierarchical Level

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	LIN	Item Identification	O	1		Must use
0300	SN1	Item Detail (Shipment)	O	1		Must use
0600	PO4	Item Physical Details	O	1		Used
0700	PID	Product/Item Description	O	200		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Must use
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		I Item				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Must use
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	O	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		The Home Depot Requirements: *Sequence Number. Must correspond with the line item sequence number provided on the Purchase Order.*				
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 2)				
		Code **Name**				
		SK Stock Keeping Unit (SKU)				
		VP Vendor's (Seller's) Part Number				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 2)				
		Code **Name**				
		SK Stock Keeping Unit (SKU)				
		VP Vendor's (Seller's) Part Number				
LIN05	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.

12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use
Purpose: To specify line-item detail relative to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN101	350	**Assigned Identification**	O	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.
2. SN105 is quantity ordered.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

PO4 Item Physical Details

Pos: 0600	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	**Pack**	O	N0	1/6	Used
		Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container				
PO402	357	**Size**	X	R	1/8	Used
		Description: Size of supplier units in pack				
PO403	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

PID Product/Item Description

Pos: 0700	Max: 200
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		F Free-form				
PID03	559	**Agency Qualifier Code**	X	ID	2/2	Must use
		Description: Code identifying the agency assigning the code values				
		CodeList Summary (Total Codes: 193, Included: 1)				
		Code **Name**				
		ZZ Mutually Defined				
PID05	352	**Description**	X	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
		The Home Depot Requirements: *Number of HL Loops in transaction*				
CTT02	347	**Hash Total**	O	R	1/10	Must use
		Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total				
		The Home Depot Requirements: *The Sum on SN102 elements (units shipped)*				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

U.S.—Version 4060 EDI ASN Regular Order(856)—Example for The Home Depot

ISA*00* *00* **YOUR 2-DIGIT QUALIFIER*YOUR ISA I.D.* ***14*0722717110100***
*030101*1337*^*00406*000000001(interchange control #)***0*T***\.
GS*SH**YOUR GS ID****072271711***20030101*1337*0001(group control #)*X*004060.
ST*856*000003157.
BSN*14*YOUR ASN # (must not duplicate)*20030101*1600*0002.
HL*1**S.
TD1*PCS*14(Lading Quantity = # of outer-packs shipped)****A3*450*LB.
TD5**2*VIKN**VIKING FREIGHT*CC.
REF*BM*789658. (Bill Of Lading #—vendor tracking number)
REF*CN*399452788. (Pro #—freight bill number)
DTM*011*20030101. (Shipped Date YYMMDD)
N1*SH*ABC COMPANY. (Your Home Office Name)
N3*1234 E Z STREET. (Your Home Office Address)
N4*OLYMPIC*GA*12345.
NI*OB*THE HOME DEPOT. (Ordering Store Name)
N3**STREET ADDRESS*ADDITIONAL STREET ADDRESS*. (Ordering Store Address)
N4**CITY*STATE/PROVINCE*POSTAL CODE* COUNTRY CODE* *SN*0121(4-digit HD store #).
HL*2*1*O.
PRF*21012345***20030101. (PO # & PO date CCYYMMDD *1 PO per ASN)
HL*3*2*I.
LIN*1*VP**YOUR PART #**SK*(1000123456)*HD SKU #**UP**UPC #*. (All three product codes are required)
SN1*1*100*EA.
SLN*1**I*100*EA**HOME DEPOT COST*.
PO4*1(1= no masterpack)*10 (standard pack)*EA.
PID*F*****YOUR PRODUCT DESCRIPTION*.
HL*4*2*I.
LIN*2*VP**YOUR PART #**SK*(1000123456)*HD SKU #**UP**UPC #*.
SN1*2*160*EA.
SLN*2**I*160*EA**HOME DEPOT COST*.
PO4*4*20*EA. (Master pack of 4 boxes containing 20 Eaches)
PID*F*****YOUR PRODUCT DESCRIPTION*.
HL*5*2*I.
LIN*3*VP**YOUR PART #**SK*(1000123456)*HD SKU #**UP**UPC #*.
SN1*3*160*EA.
SLN*3**I*160*EA**HOME DEPOT COST*.
PO4*1*40*EA.
PID*F*****YOUR PRODUCT DESCRIPTION*.
CTT*5*420. {CTT01 = # of HL Segments, CTT02 = Sum of SN102 elements}
SE*70*000003157. (transaction set control #)
GE*1*0001. (group control #)
IEA*1*000000001. (interchange control #)

*Review THD's EDI ASN Regular Order(856) Specifications or call your EDI contact for further clarification.

U.S.—Version 4060 EDI ASN Single PO (856)—Example for The Home Depot

```
ISA*00* *00* *ZZ*YOUR ISA ID *14*0722717110100 *060101*1337*|*00406*000000001*0*P*>~
GS*SH*YOUR GS ID*072271711*20060101*1337*1*X*004060~
ST*856*3157~
BSN*14*ASN123456*20060101*1600*0002~
HL*1**S~
TD1*PCS*14****A3*900*LB~
TD5**2*VIKN**VIKING FREIGHT*CC~
REF*BM*789658~ (Bill of Lading#)
REF*CN*399452788~ (Pro# - Freight Bill #)
DTM*011*20030101~ (Shipped date CCYYMMDD)
N1*SH*ABC COMPANY~ (Your Home Office Name)
N3*1234 E Z STREET~ (Your Home Office Address)
N4*OLYMPIC*GA*12345~
N1*OB*THE HOME DEPOT~ (Ordering Store Name)
N3*2455 PACES FERRY ROAD*ADDITIONAL STREET ADDRESS~ (Ordering Store Address)
N4*ATLANTA*GA*30339*US*SN*0121~ (4-digit Store Number)
HL*2*1*O~
PRF*21012345***20030101~ (PO Number & PO Date CCYYMMDD)
HL*3*2*I~
LIN*1*VP*YOUR PART#*SK*1000123456*UP*123456789101~ (All 3 Product Identifiers are Required)
SN1*1*100*EA~
SLN*1**I*100*EA*5.00~
PO4*1*10*EA~
PID*F****PRODUCT DESCRIPTION~
HL*4*2*I~
LIN*2*VP*YOUR PART#*SK*1000123456*UP*123456789123~ (All 3 Product Identifiers are Required)
SN1*2*160*EA~
SLN*2**I*160*EA*4.50~
PO4*4*20*EA~
PID*F****PRODUCT DESCRIPTION~
HL*5*2*I~
LIN*3*VP*YOUR PART#*SK*1000123456*UP*987654321110~ (All 3 Product Identifiers are Required)
SN1*3*160*EA~
SLN*3**I*160*EA*4.00~
PO4*1*40*EA~
PID*F****PRODUCT DESCRIPTION~
CTT*5*420~ (CTT01=# of HL, CTT02=Sum of SN102)
SE*36*3157~ (Transaction Set Control#)
GE*1*1~ (Group Control #)
IEA*1*000000001~
```

*Review THD's EDI ASN Single PO(856) Specifications or call your EDI contact for further clarification.

U.S.—Version 4060 EDI ASN Multiple PO (856)—Example for The Home Depot

```
ISA*00* *00* *ZZ*YOUR ISA ID *14*0722717110100 *060101*1337*|*00406*000000001*0*P*>~
GS*SH*YOUR GS ID*072271711*20060101*1337*1*X*004060~
ST*856*3157~
BSN*14*ASN123456*20060101*1600*0002~
HL*1**S~
TD1*PCS*14****A3*900*LB~
TD5**2*VIKN**VIKING FREIGHT*CC~
REF*BM*789658~ (Bill of Lading#)
REF*CN*399452788~ (Pro# - Freight Bill #)
DTM*011*20030101~ (Shipped date CCYYMMDD)
N1*SH*ABC COMPANY~ (Your Home Office Name)
N3*1234 E Z STREET~ (Your Home Office Address)
N4*OLYMPIC*GA*12345~
N1*OB*THE HOME DEPOT~ (Ordering Store Name)
N3*2455 PACES FERRY ROAD*ADDITIONAL STREET ADDRESS~ (Ordering Store Address)
N4*ATLANTA*GA*30339*US*SN*0121~ (4-digit Store Number)
HL*2*1*O~
PRF*21012345***20030101~ (PO Number & PO Date CCYYMMDD)
HL*3*2*I~
LIN*1*VP*YOUR PART#*SK*1000123456*UP*123456789101~ (All 3 Product Identifiers are Required)
SN1*1*100*EA~
SLN*1**I*100*EA*5.00~
PO4*1*10*EA~
PID*F****PRODUCT DESCRIPTION~
HL*4*2*I~
LIN*2*VP*YOUR PART#*SK*1000123456*UP*123456789123~ (All 3 Product Identifiers are Required)
SN1*2*160*EA~
SLN*2**I*160*EA*4.50~
PO4*4*20*EA~
PID*F****PRODUCT DESCRIPTION~
HL*5*2*I~
LIN*3*VP*YOUR PART#*SK*1000123456*UP*987654321110~ (All 3 Product Identifiers are Required)
SN1*3*160*EA~
SLN*3**I*160*EA*4.00~
PO4*1*40*EA~
PID*F****PRODUCT DESCRIPTION~
HL*6*1*O~
PRF*21012654***20030101~ (PO Number & PO Date CCYYMMDD)
HL*7*6*I~
LIN*1*VP*YOUR PART#*SK*1000123456*UP*252256789101~ (All 3 Product Identifiers are Required)
SN1*1*100*EA~
SLN*1**I*100*EA*5.00~
PO4*1*10*EA~
PID*F****PRODUCT DESCRIPTION~
HL*8*6*I~
LIN*2*VP*YOUR PART#*SK*1000123456*UP*123498748912~ (All 3 Product Identifiers are Required)
```

SN1*2*50*EA~
SLN*2**I*50*EA*4.50~
PO4*4*20*EA~
PID*F****PRODUCT DESCRIPTION~
CTT*8*570~ (CTT01=# of HL, CTT02=Sum of SN102)
SE*50*3157~ (Transaction Set Control#)
GE*1*1~ (Group Control #)
IEA*1*000000001~ (Interchange Control #)

*Review THD's EDI ASN Multiple PO(856) Specifications or call your EDI contact for further clarification.

US/CAN-Version 4060 Advanced Ship Notice (856)-Example for The Home Depot Single PO on ASN - Single Pallet on Shipment

ISA*00* *00* *ZZ*YOUR ISA ID *14*0722717110100 *060101*1337*|*00406*000000001*0*P*>~
GS*SH*YOUR GS ID*072271711*20060101*1337*1*X*004060~
ST*856*3157~
BSN*14*ASN123456*20060101*1600*0002~
HL*1**S~
TD1*PCS*14****A3*500*LB~
TD5**2*VIKN**VIKING FREIGHT*CC~
REF*BM*789658~ (Bill of Lading #)
REF*CN*399452788~ (Pro# - Freight Bill #)
DTM*011*20041015~ (Shipped date CCYYMMDD)
N1*SH*ABC COMPANY~ (Your Home Office Name)
N3*1234 E Z STREET~ (Your Home Office Address)
N4*OLYMPIC*GA*12345~
N1*OB*THE HOME DEPOT~ (Ordering Store Name)
N3*2455 PACES FERRY ROAD*ADDITIONAL STREET ADDRESS~ (Ordering Store Address)
N4*ATLANTA*GA*30339*US*SN*0121~ (4-digit Store Number)
HL*2*1*O~
PRF*21012345***20041015~ (PO Number & Date CCYYMMDD)
TD1******A3*500*LB~ (Weight per PO)
HL*3*2*T~
MAN*GM*00100567891011121300~ (UCC128 Pallet Level Barcode)
HL*4*3*I~
LIN*1*VP*YOUR PART #*SK*1000123456*UP*112233445566~ (1st Item Contained on Pallet 00100567891011121300)
SN1*1*100*EA~
SLN*1**I*100*EA*5.55~
PO4*1*10*EA~
PID*F****PRODUCT DESCRIPTION~
HL*5*3*I~
LIN*2*VP*YOUR PART #*SK*1000123456*UP*123456789404~ (2nd item Contained on Pallet 00100567891011121300)
SN1*2*160*EA~
SLN*2**I*160*EA*4.50~
PO4*4*20*EA~
PID*F****PRODUCT DESCRIPTION~
CTT*5*260~ (CTT01=# of HL, CTT02=Sum of SN102)
SE*33*3157~ (Transaction Set Control #)
GE*1*1~ (Group Control #)
IEA*1*000000001~ (Interchange Control#)

*Review THD's EDI ASN Single PO on ASN - Single Pallet on Shipment (856) Specifications or call your EDI contact for further clarification.

US/CAN-Version 4060 Advanced Ship Notice (856)-Example for The Home Depot Multiple POs on 1 ASN - Multiple Pallets on Shipment

ISA*00* *00* *2 DIGIT QUALIFIER*YOUR ISA ID *2 DIGIT QUALIFIER*THD ISA ID *060101*1337*|*00406*000000001*0*
GS*SH*YOUR GS ID*072271711*20060101*1337*1*X*004060~
ST*856*3157~
BSN*14*ASN123456*20060101*1600*0002~
HL*1**S~
TD1*PCS*14****A3*500*LB~
TD5**2*VIKN**VIKING FREIGHT*CC~
REF*BM*789658~ (Bill of Lading #)
REF*CN*399452788~ (Pro# - Freight Bill #)
DTM*011*20041015~ (Shipped date CCYYMMDD)
N1*SH*ABC COMPANY~ (Your Home Office Name)
N3*1234 E Z STREET~ (Your Home Office Address)
N4*OLYMPIC*GA*12345~
N1*OB*THE HOME DEPOT~ (Ordering Store Name)
N3*2455 PACES FERRY ROAD*ADDITIONAL STREET ADDRESS~ (Ordering Store Address)
N4*ATLANTA*GA*30339*US*SN*0121~ (4-digit Store Number)
HL*2*1*O~
PRF*21012345***20041015~ (PO Number & Date CCYYMMDD)
TD1******A3*450*LB~ (Weight per PO)
HL*3*2*T~
MAN*GM*00100567891011121300~ (UCC128 Pallet Level Barcode)
HL*4*3*I~
LIN*1*VP*YOUR PART #*SK*1000123456*UP*112233445566~ (1st Item Contained on Pallet 00100567891011121300)
SN1*1*100*EA~
SLN*1**I*100*EA*5.55~
PO4*1*10*EA~
PID*F****PRODUCT DESCRIPTION~
HL*5*3*I~
LIN*2*VP*YOUR PART #*SK*1000123456*UP*123456789404~ (2nd item Contained on Pallet 00100567891011121300)
SN1*2*160*EA~
SLN*2**I*160*EA*4.50~
PO4*4*20*EA~
PID*F****PRODUCT DESCRIPTION~
HL*6*1*O~
PRF*21012346***20041015~ (PO Number & Date CCYYMMDD)
TD1******A3*50*LB~
HL*7*6*T~
MAN*GM*00210507891011121123~ (UCC128 Pallet Level Barcode)
HL*8*7*I~
LIN*1*VP*YOUR PART #*SK*1000123456*UP*987654321987~ (1st Item Contained on Pallet 00110507891011121300)
SN1*1*200*EA~

SLN*1**I*160*EA*3.10~
PO4*1*40*EA~
PID*F****PRODUCT DESCRIPTION~
CTT*8*460~ (CTT01=# of HL, CTT02=Sum of SN102)
SE*44*3157~ (Transaction Set Control #)
GE*1*1~ (Group Control #)
IEA*1*000000001~ (Interchange Control#)

*Review THD's EDI ASN Multiple POs on 1 ASN - Multiple Pallets on Shipment (856) Specifications or call your EDI contact for further clarification.

US/CAN-Version 4060 Advance Ship Notice (856)-Example for The Home Depot Multiple POs on 1 ASN - Multiple POs on 1 Pallet

ISA*00* *00* *2 DIGIT QUALIFIER*ISA ID *2 DIGIT QUALIFIER* THD ISA ID *060101*1337*|*00406*000000001*0*P*>~
GS*SH*YOUR GS ID*072271711*20060101*1337*1*X*004060~
ST*856*3157~
BSN*14*ASN123456*20060101*1600*0002~
HL*1**S~
TD1*PCS*14****A3*900*LB~
TD5**2*VIKN**VIKING FREIGHT*CC~
REF*BM*789658~ (Bill of Lading #)
REF*CN*399452788~ (Pro# - Freight Bill #)
DTM*011*20041015~ (Shipped Date CCYYMMDD)
N1*SH*ABC COMPANY~ (Your Home Office Name)
N3*1234 E Z STREET~ (Your Home Office Address)
N4*OLYMPIC*GA*12345~
N1*OB*THE HOME DEPOT~ (Ordering Store Name)
N3*2455 PACES FERRY ROAD*ADDITIONAL STREET ADDRESS~ (Ordering Store Address)
N4*ATLANTA*GA*30339*US*SN*0121~ (4-digit Store Number)
HL*2*1*O~
PRF*21012345***20041015~ (1st PO Number & Date CCYYMMDD)
TD1******A3*300*LB~ (Weight per PO)
HL*3*2*T~
MAN*GM*00100567891011121300~ (UCC128 Pallet Level Barcode)
HL*4*3*I~
LIN*1*VP*YOUR PART #*SK*1000123456*UP*112233445566~ (1st Item Contained on Pallet 00100567891011121300)
SN1*1*100*EA~
SLN*1**I*100*EA*5.55~
PO4*1*10*EA~
PID*F****PRODUCT DESCRIPTION~
HL*5*3*I~
LIN*2*VP*YOUR PART #*SK*1000123456*UP*123456789404~ (2nd Item Contained on Pallet 00100567891011121300)
SN1*2*160*EA~
SLN*2**I*160*EA*4.50~
PO4*4*20*EA~
PID*F****PRODUCT DESCRIPTION~
HL*6*1*O~
PRF*21012777***20041015~ (2nd PO Number & Date CCYYMMDD)
TD1******A3*450*LB~ (Weight per PO)
HL*7*6*T~
MAN*GM*00250567891011121125~ (UCC128 Pallet Level Barcode)
HL*8*7*I~
LIN*1*VP*YOUR PART #*SK*1000123456*UP*112233445566~ (3rd Item Contained on Pallet 00100567891011121300)
SN1*1*100*EA~

SLN*1**I*100*EA*5.55~
PO4*1*10*EA~
PID*F****PRODUCT DESCRIPTION~
HL*9*1*O~
PRF*21012346***20041015~ (3rd PO Number & Date CCYYMMDD)
TD1******A3*150*LB~ (Weight per PO)
HL*10*9*T~
MAN*GM*00300567891011121456~ (UCC128 Pallet Level Barcode)
HL*11*10*I~
LIN*1*VP*YOUR PART #*SK*1000123456*UP*987654321987~ (4tht Item Contained on Pallet 00100567891011121300)
SN1*1*200*EA~
SLN*1**I*200*EA*3.10~
PO4*1*40*EA~
PID*F****PRODUCT DESCRIPTION~
CTT*11*560~ (CTT01=# of HL, CTT02 = Sum of SN102)
SE*55*3157~ (Transaction Set Control #)
GE*1*1~ (Group Control #)
IEA*1*000000001~ (Interchange Control #)

*Review THD's EDI ASN Multiple POs on 1 ASN - Multiple POs on 1 Pallet (856) Specifications or call your EDI contact for further clarification.

US/CAN-Version 4060 Advance Ship Notice (856)-Example for The Home Depot Multiple POs on 1 ASN - Single Item Shipped Across Multiple Pallets

ISA*00* *00* *2 DIGIT QUALIFIER*YOUR ISA ID *2 DIGIT QUALIER*THD ISA ID *060101*1337*|*00406*000000001*0*P
GS*SH*YOUR GS ID*072271711*20060101*1337*1*X*004060~
ST*856*3157~
BSN*14*ASN123456*20060101*1600*0002~
HL*1**S~
TD1*PCS*14****A3*500*LB~
TD5**2*VIKN**VIKING FREIGHT*CC~
REF*BM*789658~ (Bill of Lading #)
REF*CN*399452788~ (Pro# - Freight Bill #)
DTM*011*20041015~ (Shipped Date CCYYMMDD)
N1*SH*ABC COMPANY~ (Your Home Office Name)
N3*1234 E Z STREET~ (Your Home Office Address)
N4*OLYMPIC*GA*12345~
N1*OB*THE HOME DEPOT~ (Ordering Store Name)
N3*2455 PACES FERRY ROAD*ADDITIONAL STREET ADDRESS~ (Ordering Store Address)
N4*ATLANTA*GA*30339*US*SN*0121~ (4-digit Store Number)
HL*2*1*O~
PRF*21012345***20041015~ (PO Number & Date CCYYMMDD)
TD1******A3*450*LB~ (Weight per PO)
HL*3*2*T~
MAN*GM*00100567891011121300~ (UCC128 Pallet Level Barcode)
HL*4*3*I~
LIN*1*VP*YOUR PART #*SK*1000123456*UP*112233445566~ (1st Item Contained on Pallet 00100567891011121300)
SN1*1*100*EA~
SLN*1**I*100*EA*5.55~
PO4*1*10*EA~
PID*F****PRODUCT DESCRIPTION~
HL*5*3*I~
LIN*2*VP*YOUR PART #*SK*1000123456*UP*123456789404~ (2nd Item Contained on Pallet 00100567891011121300)
SN1*2*160*EA~
SLN*2**I*160*EA*4.50~
PO4*4*20*EA~
PID*F****PRODUCT DESCRIPTION~
HL*6*2*T~
MAN*GM*00200567891065412123~ (UCC128 Pallet Level Barcode)
HL*7*6*I~
LIN*1*VP*YOUR PART #*SK*1000123456*UP*112233445566~ (1st Item Contained on Pallet 00100567891065412300)
SN1*1*100*EA~
SLN*1**I*100*EA*5.55~
PO4*1*10*EA~
PID*F****PRODUCT DESCRIPTION~
HL*8*1*O~

PRF*21012346***20041015~ (PO Number & Date CCYYMMDD)
TD1******A3*50*LB~ (Weight per PO)
HL*9*8*T~
MAN*GM*00310507891011121892~ (SSCC-18/UCC128 Pallet Level Barcode)
HL*10*9*I~
LIN*1*VP*YOUR PART #*SK*1000123456*UP*987654321987~ (1st Item Contained on Pallet 00110507891011121300)
SN1*1*200*EA~
SLN*1**I*200*EA*3.10~
PO4*1*40*EA~
PID*F****PRODUCT DESCRIPTION~
CTT*10*560~ (CTT01=# of HL, CTT02 = Sum of SN102)
SE*52*3157~ (Transaction Set Control #)
GE*1*1~ (Group Control #)
IEA*1*000000001~ (Interchange Control #)

*Review THD's EDI ASN Multiple POs on 1 ASN - Single Item Shipped Across Multiple Pallets (856) Specifications or call your EDI contact for further clarification.

US Regular Merchandise – Advance Shipment Notification (856) / Version 4060
Small Package Shipment - Single PO/Multiple Tracking

```
ISA*00*          *00*          *ZZ*ISAID          *14*ISAID     *030101*1337*|*00406*000000001*0*P*\~
GS*SH*YOUR   GS   ID*THD GS ID*20030101*1337*1*X*004060~
ST*856*3157~
BSN*14*ASN123456*20030101*1600*0002~
HL*1**S~
TD1*PCS*14****A3*900*LB~
TD5**2*UPSN**UNITED  PARCEL
SERVICE*CC~
REF*BM*789658~                                                    (Bill of Lading#)
REF*CN*123456789~                                                 (TMS Shipment ID)
DTM*011*20030101~                                                 (Shipped date CCYYMMDD)
N1*SH*ABC  COMPANY~                                               (Your Home Office Name)
N3*1234 E Z STREET~                                               (Your Home Office Address)
N4*OLYMPIC*GA*12345~
N1*OB*THE HOME DEPOT~                                             (Ordering Store Name)
N3*2455 PACES FERRY ROAD*ADDITIONAL STREET ADDRESS~               (Ordering Store Address)
N4*ATLANTA*GA*30339*US*SN*0121~                                   (4-digit Store Number)
HL*2*1*O~
PRF*21012345***20030101~                                          (PO Number & PO Date CCYYMMDD)
MAN*CP*CARRIER  TRACKING#~                                        (Small Package Tracking# for PO 21012345)
MAN*CP*CARRIER  TRACKING#~                                        (Small Package Tracking# for PO 21012345)
MAN*CP*CARRIER  TRACKING#~                                        (Small Package Tracking# for PO 21012345)
MAN*CP*CARRIER  TRACKING#~                                        (Small Package Tracking# for PO 21012345)
HL*3*2*I~
LIN*1*VP*YOUR   PART#*SK*1000123456*UP*123456789101~              (All 3 Product Identifiers are Required)
SN1*1*100*EA~
SLN*1**I*100*EA*5.00~
PO4*1*10*EA~
PID*F****PRODUCT  DESCRIPTION~
HL*4*2*I~
LIN*2*VP*YOUR   PART#*SK*1000123456*UP*123456789123~              (All 3 Product Identifiers are Required)
SN1*2*160*EA~
SLN*2**I*160*EA*4.50~
PO4*4*20*EA~
PID*F****PRODUCT  DESCRIPTION~
HL*5*2*I~
LIN*3*VP*YOUR   PART#*SK*1000123456*UP*987654321110~              (All 3 Product Identifiers are Required)
SN1*3*160*EA~
SLN*3**I*160*EA*4.00~
PO4*1*40*EA~
PID*F****PRODUCT  DESCRIPTION~
CTT*5*420~                                                        (CTT01=# of HL, CTT02=Sum of SN102)
SE*36*3157~                                                       (Transaction Set Control#)
GE*1*1~                                                           (Group Control #)
IEA*1*000000001~                                                  (Interchange Control #)
```

Important Notes:

For small package shipments, the following ASN can be provided:

1. A single (1) ASN containing multiple POs with multiple tracking#s shipped to a single location (example provided above).
2. A single (1) ASN for each PO shipped to a single location.
3. A single (1) ASN for each carrier tracking/small package tracking# provided. Carrier tracking/small package tracking#(s) are provided in the Order (PO) loop, not at an Item loop level.

US Regular Merchandise – Advance Shipment Notification (856) / Version 4060
Small Package Shipment - Multiple PO/Tracking

```
ISA*00*          *00*          *ZZ*ISA ID        *14*THD ISA ID      *030101*1337*|*00406*000000001*0*P*\~
GS*SH*GS ID*THD GS ID*20030101*1337*1*X*004060~
ST*856*3157~ BSN*14*ASN123456*20030101*1600*0002~
HL*1**S~
TD1*PCS*14****A3*900*LB~ TD5**2*UPSN**UNITED
PARCEL  SERVICE*CC~
REF*BM*789658~                                          (Bill of Lading#)
REF*CN*123456789~                                       (TMS Shipment ID)
DTM*011*20030101~                                       (Shipped date CCYYMMDD)
N1*SH*ABC  COMPANY~                                     (Your Home Office Name)
N3*1234 E Z STREET~                                     (Your Home Office Address)
N4*OLYMPIC*GA*12345~
N1*OB*THE  HOME  DEPOT~                                 (Ordering Store Name) N3*2455
PACES FERRY ROAD*ADDITIONAL STREET ADDRESS~             (Ordering Store Address)
N4*ATLANTA*GA*30339*US*SN*0121~                         (4-digit Store Number)
HL*2*1*O~
PRF*21012345***20030101~                                (PO Number & PO Date CCYYMMDD)
MAN*CP*CARRIER  TRACKING#~                              (Small Package Tracking# for PO 21012345)
MAN*CP*CARRIER  TRACKING#~                              (Small Package Tracking# for PO 21012345)
MAN*CP*CARRIER  TRACKING#~                              (Small Package Tracking# for PO 21012345)
MAN*CP*CARRIER  TRACKING#~                              (Small Package Tracking# for PO 21012345)
HL*3*2*I~
LIN*1*VP*YOUR   PART#*SK*123456*UP*123456789101~        (All 3 Product Identifiers are Required)
SN1*1*100*EA~ SLN*1**I*100*EA*5.00~
PO4*1*10*EA~
PID*F****PRODUCT  DESCRIPTION~
HL*4*2*I~
LIN*2*VP*YOUR   PART#*SK*988765*UP*123456789123~        (All 3 Product Identifiers are Required)
SN1*2*160*EA~
SLN*2**I*160*EA*4.50~ PO4*4*20*EA~
PID*F****PRODUCT  DESCRIPTION~
HL*5*2*I~
LIN*3*VP*YOUR   PART#*SK*456123*UP*987654321110~        (All 3 Product Identifiers are Required)
SN1*3*160*EA~
SLN*3**I*160*EA*4.00~ PO4*1*40*EA~
PID*F****PRODUCT  DESCRIPTION~
HL*6*1*O~
PRF*21012654***20030101~                                (PO Number & PO Date CCYYMMDD)
MAN*CP*CARRIER  TRACKING#~                              (Small Package Tracking# for PO 21012654)
MAN*CP*CARRIER  TRACKING#~                              (Small Package Tracking# for PO 21012654)
HL*7*6*I~
LIN*1*VP*YOUR   PART#*SK*7894110*UP*252256789101~       (All 3 Product Identifiers are Required)
SN1*1*100*EA~ SLN*1**I*100*EA*5.00~
PO4*1*10*EA~
PID*F****PRODUCT  DESCRIPTION~
HL*8*6*I~
LIN*2*VP*YOUR   PART#*SK*161640*UP*123498748912~        (All 3 Product Identifiers are Required)
SN1*2*50*EA~
SLN*2**I*50*EA*4.50~ PO4*4*20*EA~
PID*F****PRODUCT  DESCRIPTION~
```

CTT*8*570~	(CTT01=# of HL, CTT02=Sum of SN102)
SE*55*3157~	(Transaction Set Control#)
GE*1*1~	(Group Control #)
IEA*1*000000001~	(Interchange Control #)

Important Notes:

For small package shipments, the following ASN can be provided:

1. A single (1) ASN containing multiple POs with multiple tracking#s shipped to a single location (example provided above).
2. A single (1) ASN for each PO shipped to a single location.
3. A single (1) ASN for each carrier tracking/small package tracking# provided. Carrier tracking/small package tracking#(s) are provided in the Order (PO) loop, not at an Item loop level.

US Version 4060 Special Order 856 Example for The Home Depot

ISA*00* *00* * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID*
*__14__*__072271711USAC__ *990801*0628**REPETITION SEPERATOR*00406*000000001*__0__*__T__*>~
GS*SH* *YOUR GS ID* *__072271711USAC__ *19990801*0628*001*X*__004060__~
ST*856*0000001~
BSN*14*123456*19990801*0627*0002~
HL*1**S~
TD1*PCS*24****A3*100*LB~
TD5**2**SCAC***CARRIER NAME*CC~
REF*MR**SUPPLIER'S MERCHANDISING VENDOR NUMBER~*
REF*BM**BILL OF LADING NUMBER~*
REF*CN**PRO NUMBER / FREIGHT BILL NUMBER~*
REF*CN**PRO NUMBER / FREIGHT BILL NUMBER~*
REF*CN**PRO NUMBER / FREIGHT BILL NUMBER~*
REF*63**12345~* (Confirmation Number)
PER*OC**CONTACT NAME~*
DTM*011*19990801~
N1*SN*THE HOME DEPOT*92**STORE NUMBER~*
HL*2*1*O~
PRF**12345678****19990801****OS~* (8-digit Home Depot PO#)
HL*3*2*I~
LIN*1*VP* *YOUR PART #**SK*(1000123456)*HD SKU #~*
SN1*1*15*(2 digit see specs)~
PO4*1*5*(2 digit see specs)~
PID*F***ZZ***PRODUCT DESCRIPTION~*
HL*4*2*I~
LIN*2*VP* *YOUR PART #**SK*(1000123456)*HD SKU #~*
SN1*2*55*(2 digit see specs)~
PO4*1*5*(2 digit see specs)~
PID*F***ZZ***PRODUCT DESCRIPTION~*
HL*5*2*I~
LIN*3*VP* *YOUR PART #**SK*(1000123456)*HD SKU #~*
SN1*3*30*(2 digit see specs)~
PO4*1*3*(2 digit see specs)~
PID*F***ZZ***PRODUCT DESCRIPTION~*
CTT*5*100~ (Number of HL segments)
SE*33*0000001~
GE*1*001~
IEA*1*000000001~

*Review THD’s EDI ASN Special Order (856) Specifications or call your EDI contact for further clarification.

ASN 864/Text Message Error Codes

The following is a list of the 864 error messages and an explanation of each:

Error Code	Error Message	Description/Corrective Action
IB05	Store Number (N406) Not a Valid Location	Please correct the Store Number (N406) and retransmit the ASN.
IB07	PO Number Required Field Missing	Please map the Purchase Order (PO) Number (PRF01) and retransmit the ASN.
IB22	Store Location Closed or Relocated	The ASN is for a closed or relocated store. Please correct the Store Number (N406) and retransmit the ASN.
IB24	ASN PO Number Not in Store Number Range	If you receive this error for a Distribution Center PO, please disregard the 864. Otherwise, correct the Store Number (N406)/PO Number (PRF01) combination, and retransmit the ASN.
IB51	Zero Line Items on ASN	The ASN did not contain any line items. If the ASN is valid, please correct and retransmit the ASN with line items.
IB56	TF PO/Store Number Combination Not Valid	For Transit Facility (TF) suppliers, the TF PO Number (PRF01) is not valid for the TF Store Number (N406) listed. Please correct and retransmit the ASN.
IB57	Required CTT Segment Missing	The ASN did not contain the required CTT segment (CTT01/CTT02). Please correct and retransmit the ASN.
IB58	Small Package Tracking # Not in ASN	The ASN did not contain a small package tracking #(s) in the (MAN02) within the order loop (HL – O) for a small package shipment. **DO NOT retransmit the ASN. Ensure that future ASN(s) contain the information when small package shipments occur.**
IB59	Pallet Level Barcode Not In The TF ASN	The ASN did not contain a pallet level/loose unit barcode in the (MAN02) within the tare loop (HL - T) for a Transit Facility shipment. **DO NOT retransmit the ASN. Ensure that future ASN(s) contain the pallet/loose unit barcode when Transit Facility shipments occur.**
IB60	Weight Not Present In The TF ASN	The ASN did not contain the PO Weight (TD107) within the order loop (HL - O) for a Transit Facility shipment. **DO NOT retransmit the ASN. Ensure that future ASN(s) contain the PO Weight when Transit Facility shipments occur.**
IB61	ASN Location Does Not Match PO Location	The system could not locate a PO that matches the Location number listed on the ASN. Verify that the correct PO number has been supplied in the ASN, and that the Location number in the (N106) Ordered By loop matches the location on the PO. Please correct and retransmit the ASN.

IB62	Invalid Ship Date	DTM -CCYYMMDD Should be actual ship date
IB66	MISSING DETAILED LINE ITEM DATA	The ASN is missing important detail information. Check for missing SN1, SLN, PO4, PID, etc. segments.

NOTE: The following ASN Edits WILL BE REMOVED:

- IB01 - DUPLICATE ASN IDENTIFIED (BSN02)
- IB30 - MULTIPLE POS CONTAINED ON ASN

Error Code	Error Description	864 Message (included to Vendor)
J001	ASN header passed by no details exist	The Following ASN Transaction(s) nave been rejected due to violation(s) of Home Depot Mapping Specifications. Correct and retransmit the rejected ASN(s) immediately utilizing the samme ASN Identifier (BSN02). Failure to correct and retransmit any of the ASN(s) in error will impede The Home Depot receiving process. If you cannot retransmit for any reason, please notify the RDC Supplier Compliance team at **RDC_Support@homedepot.com**
J002	DC number blanks	
J003	Invalid DC number	
J004	Invalid length of PO number	
J006	PO# contains non-numeric characters	
J008	Sending partner ID is blank	
J009	SKU not found	
J010	SKU not on PO	
J011	No valid ASN detail	The following ASN Transactions have been rejected due to violations of Home Depot Mapping Specifications. The ASN did not have valid ASN detail information. Correct and retransmit rejected ASN(s) immediately utilizing the same ASN Identifier (BSN02). Failure to correct and retransmit any of the ASN(s) in error will impede The Home Depot receiving process. If you cannot retransmit for any reason, please notify the RDC Supplier Compliance team at **RDC_Support@homedepot.com**
J012	Duplicate POs	The following ASN Transactions have been rejected due to violations of Home Depot Mapping Specifications. Correct and retransmit rejected ASN(s) immediately utilizing the same ASN Identifier (BSN02). Failure to correct and retransmit any of the ASN(s) in error will impede The Home Depot receiving process. If you cannot retransmit for any reason, please notify the RDC Supplier Compliance team at **RDC_Support@homedepot.com**
J016	PO failed SKU level Threshold %	The following ASN Transactions have been rejected due to violations of Home Depot ASN transmission requirements. The Home Depot requirements state ASN quantity cannot exceed 500% of the PO Order quantity. Correct and retransmit rejected ASN(s) immediately utilizing the same ASN Identifier (BSN02). Failure to correct and retransmit any of the ASN(s) in error will impede The Home Depot receiving process. If you cannot retransmit for any reason, please notify the RDC Supplier Compliance team at **RDC_Support@homedepot.com**
J017	PO failed header level Threshold %	The following ASN Transactions have been rejected due to violations of Home Depot ASN transmission requirements. The Home Depot requirements state ASN quantity cannot exceed 500% of the PO Order quantity. Correct and retransmit rejected ASN(s) immediately utilizing the same ASN Identifier (BSN02). Failure to correct and retransmit any of the ASN(s) in error will impede The Home Depot receiving process. If you cannot retransmit for any reason, please notify the RDC Supplier Compliance team at **RDC_Support@homedepot.com**
J018	Freight Bill Issue	The following ASN Transactions have been rejected due to violations of Home Depot ASN transmission requirements. The Home Depot requirements state the Freight Bill field (Ref*CN segment) must not be more than 12 characters in length and cannot duplicate on subsequent shipments. Correct and retransmit rejected ASN(s) immediately utilizing the same ASN Identifier (BSN02) and adjusting the Freight Bill segment. Failure to correct and retransmit any of the ASN(s) in error will impede The Home Depot receiving process. If you cannot retransmit for any reason, please notify the RDC Supplier Compliance team at **RDC_Support@homedepot.com**

Error Code	Error Description	864 Message (included to Vendor)
J019	Freight Bill Null (same as IB23)	The following ASN Transactions have been rejected due to violations of Home Depot ASN transmission requirements. The Home Depot requirements state the Freight Bill field (Ref*CN segment) must not be more than 12 characters in length and cannot duplicate on subsequent shipments. Correct and retransmit rejected ASN(s) immediately utilizing the same ASN Identifier (BSN02) and adjusting the Freight Bill segment. Failure to correct and retransmit any of the ASN(s) in error will impede The Home Depot receiving process. If you cannot retransmit for any reason, please notify the RDC Supplier Compliance team at **RDC_Support@homedepot.com**

THE HOME DEPOT

EDI 860

Purchase Order Change Request

860 Purchase Order Change Request - Buyer Initiated

Functional Group=PC

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	REF	Reference Identification	O	>1			Used
0500	REF	Reference Identification	O	>1			Used
0500	REF	Reference Identification	O	>1			Used
0600	PER	Administrative Communications Contact	O	3			Used
0800	FOB	F.O.B. Related Instructions	O	>1			Used
LOOP ID - SAC					**25**		
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	5			Used
1500	DTM	Date/Time Reference	O	10			Used
2300	TD1	Carrier Details (Quantity and Weight)	O	2			Used
2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
2600	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Used
LOOP ID - N1					**200**		
3000	N1	Name	O	1			Must use
3200	N3	Address Information	O	2			Used
3300	N4	Geographic Location	O	>1			Used
3400	REF	Reference Identification	O	12			Used
3400	REF	Reference Identification	O	12			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - POC					**>1**		
0100	POC	Line Item Change	O	1			Used
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Must use
0900	PO4	Item Physical Details	O	>1			Used
LOOP ID - N1					**200**		

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
3400	N1	Name	O	1			Must use
3700	N4	Geographic Location	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	AMT	Monetary Amount	O	5			Must use
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100L Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

3/0100 Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **Code** **Name** 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element **Code** **Name** 0722717110100 US Production 072271711CAP Canada Production	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published	M	AN	15/15	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **All valid standard codes are used.**	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **Code** **Name** 0 No Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	**Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** PC Purchase Order Change Request - Buyer Initiated (860)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **Code** **Name** 072271711 US Production 072271711 Canada Production C	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **Code** **Name** X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004040 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2000				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 860 Purchase Order Change Request - Buyer Initiated	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

BCH Beginning Segment for Purchase Order Change

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 7**

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **Code** **Name** 01 Cancellation 05 Replace	M	ID	2/2	Must use
BCH02	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** CP Change to Purchase Order	M	ID	2/2	Must use
BCH03	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use
BCH05	327	**Change Order Sequence Number** **Description:** Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set **The Home Depot Requirements:** *PO VERSION number (up to 4 digits following the PO number and a dash, i.e. 1234567890-2). Non consecutive number to be used by the partner to determine whether 860 Replace should be processed. Lowest number possible is xxxxxxxxxx-2 (the 850 is always number xxxxxxxxxx-1).*	O	AN	1/8	Used
BCH06	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
BCH08	367	**Contract Number** **Description:** Contract number **The Home Depot Requirements:** *For internal Home Depot use only.*	O	AN	1/30	Used
BCH11	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Date the change to the PO was made*	O	DT	8/8	Used

Semantics:

1. BCH06 is the date assigned by the purchaser to purchase order.
2. BCH09 is the seller's order number.

3. BCH10 is the date assigned by the sender to the acknowledgment.
4. BCH11 is the date of the purchase order change request.

CUR Currency

Pos: 0400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** BY Buying Party (Purchaser)	M	ID	2/3	Must use
CUR02	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified **The Home Depot Requirements:** *USD = US dollars* *CAD = Canadian dollars*	M	ID	3/3	Must use
CUR03	280	**Exchange Rate** **Description:** Value to be used as a multiplier conversion factor to convert monetary value from one currency to another **The Home Depot Requirements:** *The negotiated exchange rate for suppliers being paid in a currency other than the type specified in the CUR02.*	O	R	4/10	Used
CUR04	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SE Selling Party	O	ID	2/3	Used
CUR05	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified **The Home Depot Requirements:** *USD = US dollars* *CAD = Canadian dollars*	O	ID	3/3	Used

Syntax:

1. C0807 - If CUR08 is present, then all of CUR07 are required
2. C0907 - If CUR09 is present, then all of CUR07 are required
3. L101112 - If CUR10 is present, then at least one of CUR11,CUR12 is required
4. C1110 - If CUR11 is present, then all of CUR10 are required
5. C1210 - If CUR12 is present, then all of CUR10 are required
6. L131415 - If CUR13 is present, then at least one of CUR14,CUR15 is required
7. C1413 - If CUR14 is present, then all of CUR13 are required
8. C1513 - If CUR15 is present, then all of CUR13 are required
9. L161718 - If CUR16 is present, then at least one of CUR17,CUR18 is required
10. C1716 - If CUR17 is present, then all of CUR16 are required
11. C1816 - If CUR18 is present, then all of CUR16 are required
12. L192021 - If CUR19 is present, then at least one of CUR20,CUR21 is required
13. C2019 - If CUR20 is present, then all of CUR19 are required

14. C2119 - If CUR21 is present, then all of CUR19 are required

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Identification

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code Name** TOC Type of Comment	M	ID	2/3	Must use
REF03	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Identification

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code Name** TOC Type of Comment	M	ID	2/3	Must use
REF03	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Identification

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code Name** TOC Type of Comment	M	ID	2/3	Must use
REF03	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	X	AN	1/80	Used

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

PER Administrative Communications Contact

Pos: 0600 **Max: 3**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** DC Delivery Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Contact name*	O	AN	1/60	Used

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

FOB F.O.B. Related Instructions

Pos: 0800 Max: >1
Heading - Optional
Loop: N/A Elements: 3

User Option (Usage): Used

To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment** **Description:** Code identifying payment terms for transportation charges **Code Name** DF Defined by Buyer and Seller	M	ID	2/2	Must use
FOB02	309	**Location Qualifier** **Description:** Code identifying type of location **Code Name** ZZ Mutually Defined	X	ID	1/2	Used
FOB03	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Code identifying the INCO terms on the PO* *CFR = Cost/Freight* *CIF = Cost/Insurance/Freight* *COL = Origin Collect* *DDP = Delivery Duty Paid (Door)* *DEQ = Exquay/Destination Port* *EXW = Exworks/Exfactory* *FOB = FOB Origin Port* *PPA = Destination Prepaid and Add* *PPD = Des*	O	AN	1/80	Used

Syntax:

1. C0302 - If FOB03 is present, then all of FOB02 are required
2. C0405 - If FOB04 is present, then all of FOB05 are required
3. C0706 - If FOB07 is present, then all of FOB06 are required
4. C0809 - If FOB08 is present, then all of FOB09 are required

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

Loop SAC

Pos: 1200 Repeat: 25
Optional
Loop: SAC Elements: N/A

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1200 **Max: 1**
Heading - Optional
Loop: SAC **Elements: 6**

User Option (Usage): Used

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified **Code** **Name** A Allowance	M	ID	1/1	Must use
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge **Code** **Name** C000 Defective Allowance H000 Special Allowance I170 Trade Discount	X	ID	4/4	Used
SAC05	610	**Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Normally send percentages - field allows for future use of amounts. (Either SAC05 OR SAC07 will have a value - not both)*	O	N2	1/15	Used
SAC06	378	**Allowance/Charge Percent Qualifier** **Description:** Code indicating on what basis allowance or charge percent is calculated **Code** **Name** 3 Discount/Gross	X	ID	1/1	Used
SAC07	332	**Percent** **Description:** Percent expressed as a percent	X	R	1/6	Used
SAC12	331	**Allowance or Charge Method of Handling Code** **Description:** Code indicating method of handling for an allowance or charge **Code** **Name** 02 Off Invoice	O	ID	2/2	Used

Syntax:

1. R0203 - At least one of SAC02,SAC03 is required
2. P0304 - If either SAC03,SAC04 is present, then all are required
3. P0607 - If either SAC06,SAC07 is present, then all are required
4. P0910 - If either SAC09,SAC10 is present, then all are required
5. C1110 - If SAC11 is present, then all of SAC10 are required
6. L130204 - If SAC13 is present, then at least one of SAC02,SAC04 is required
7. C1413 - If SAC14 is present, then all of SAC13 are required
8. C1615 - If SAC16 is present, then all of SAC15 are required

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3. SAC08 is the allowance or charge rate per unit.
4. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300 **Max: 5**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Used

To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD12	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	O	AN	1/80	Used
ITD14	107	**Payment Method Code** **Description:** Code identifying type of payment procedures **Code** **Name** C Pay By Check L Letter of Credit T Wire Transfer	O	ID	1/2	Used

Syntax:

1. L03040513 - If ITD03 is present, then at least one of ITD04,ITD05,ITD13 is required
2. L08040513 - If ITD08 is present, then at least one of ITD04,ITD05,ITD13 is required
3. L091011 - If ITD09 is present, then at least one of ITD10,ITD11 is required

Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **Code** **Name** 002 Delivery Requested 037 Ship Not Before 038 Ship No Later	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Used

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

TD1 Carrier Details (Quantity and Weight)

Pos: 2300 **Max: 2**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Used

To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD101	103	**Packaging Code** **Description:** Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required **Code** **Name** CNT Container **Code** **Name** 90 Standard	O	AN	3/5	Used
TD102	80	**Lading Quantity** **Description:** Number of units (pieces) of the lading commodity **The Home Depot Requirements:** *Should contain the number of containers*	X	N0	1/7	Used

Syntax:

1. C0102 - If TD101 is present, then all of TD102 are required
2. C0304 - If TD103 is present, then all of TD104 are required
3. C0607 - If TD106 is present, then all of TD107 are required
4. P0708 - If either TD107,TD108 is present, then all are required
5. P0910 - If either TD109,TD110 is present, then all are required

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2400 **Max: 12**
Heading - Optional
Loop: N/A **Elements: 3**

User Option (Usage): Used

To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD504	91	**Transportation Method/Type Code** **Description:** Code specifying the method or type of transportation for the shipment **Code** **Name** A Air C Consolidation J Motor L Contract Carrier Q Conventional Ocean R Rail S Ocean X Intermodal (Piggyback) GG Geographic Receiving/Shipping **Description:** A collection of shipments that involve multiple origins, multiple destinations, and a single trailer, and are paid under a single freight bill GS Geographic Shipping **Description:** A collection of shipments that involve multiple origins, a single destination, and a single trailer, and are paid under a single freight bill MB Motor (Bulk Carrier) ZZ Mutually defined	X	ID	1/2	Used
TD507	309	**Location Qualifier** **Description:** Code identifying type of location **Code** **Name** OR Origin (Shipping Point)	O	ID	1/2	Used
TD508	310	**Location Identifier** **Description:** Code which identifies a specific location **The Home Depot Requirements:** *Should contain the port of lading code as assigned by the ISO*	X	AN	1/30	Used

Syntax:

1. R0204050612 - At least one of TD502,TD504,TD505,TD506,TD512 is required
2. C0203 - If TD502 is present, then all of TD503 are required
3. C0708 - If TD507 is present, then all of TD508 are required
4. C1011 - If TD510 is present, then all of TD511 are required
5. C1312 - If TD513 is present, then all of TD512 are required
6. C1413 - If TD514 is present, then all of TD513 are required
7. C1512 - If TD515 is present, then all of TD512 are required

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

TD4 Carrier Details (Special Handling, or Hazardous Materials, or Both)

Pos: 2600 **Max: 5**
Heading - Optional
Loop: N/A **Elements: 1**

User Option (Usage): Used

To specify transportation special handling requirements, or hazardous materials information, or both

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD404	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *Free form description of containter size*	X	AN	1/80	Used

Syntax:

1. R010204 - At least one of TD401,TD402,TD404 is required
2. C0203 - If TD402 is present, then all of TD403 are required

Semantics:

1. TD405 identifies if a Material Safety Data Sheet (MSDS) exists for this product. A "Y" indicates an MSDS exists for this product; an "N" indicates an MSDS does not exist for this product.

Loop N1

Pos: 3000 Repeat: 200
Optional
Loop: N1 Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3000	N1	Name	O	1		Must use
3200	N3	Address Information	O	2		Used
3300	N4	Geographic Location	O	>1		Used
3400	REF	Reference Identification	O	12		Used
3400	REF	Reference Identification	O	12		Used

N1 Name

Pos: 3000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** OB Ordered By	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Used
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Home Depot location number*	X	AN	2/80	Used

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Address Information

Pos: 3200 **Max: 2**
Heading - Optional
Loop: N1 **Elements: 2**

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 3300	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Used
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Used
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Used

Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

REF Reference Identification

Pos: 3400	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** DP Department Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *021=Lumber* *022=Building Materials* *023=Flooring* *024=Paint* *025=Hardware* *026=Plumbing* *027=Fans/Electrical/Lighting* *028=Seasonal/Garden* *029=Kitchen/Bath* *030=Millwork* *059=Decor*	X	AN	1/50	Used

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Identification

Pos: 3400	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** WO Work Order Number **Description:** Number assigned for work including material and labor beyond normal work required to fulfill a service order	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Used

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop POC

Pos: 0100 Repeat: >1
Optional
Loop: POC Elements: N/A

To specify changes to a line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	POC	Line Item Change	O	1		Used
0500		Loop PID	O		1000	Must use
0900	PO4	Item Physical Details	O	>1		Used
3400		Loop N1	O		200	Used

POC Line Item Change

Pos: 0100 **Max: 1**
Detail - Optional
Loop: POC **Elements: 10**

User Option (Usage): Used

To specify changes to a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC01	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *PO line number*	O	AN	1/20	Used
POC02	670	**Change or Response Type Code** **Description:** Code specifying the type of change to the line item **Code** **Name** RZ Replace All Values **Description:** Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set	M	ID	2/2	Must use
POC03	330	**Quantity Ordered** **Description:** Quantity ordered	O	R	1/15	Used
POC04	671	**Quantity Left to Receive** **Description:** Quantity left to receive as qualified by the unit of measure	X	R	1/9	Used
POC05	C001	**Composite Unit of Measure** **Description:** To identify a composite unit of measure (See Figures Appendix for examples of use)	X	Comp		Used
	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**	M	ID	2/2	Must use
POC06	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc.	X	R	1/17	Used
POC08	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** VP Vendor's (Seller's) Part Number	X	ID	2/2	Used
POC09	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used
POC10	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU)	X	ID	2/2	Used
POC11	234	**Product/Service ID**	X	AN	1/48	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Identifying number for a product or service				

Syntax:

1. C030405 - If POC03 is present, then all of POC04,POC05 are required
2. C0706 - If POC07 is present, then all of POC06 are required
3. P0809 - If either POC08,POC09 is present, then all are required
4. P1011 - If either POC10,POC11 is present, then all are required
5. P1213 - If either POC12,POC13 is present, then all are required
6. P1415 - If either POC14,POC15 is present, then all are required
7. P1617 - If either POC16,POC17 is present, then all are required
8. P1819 - If either POC18,POC19 is present, then all are required
9. P2021 - If either POC20,POC21 is present, then all are required
10. P2223 - If either POC22,POC23 is present, then all are required
11. P2425 - If either POC24,POC25 is present, then all are required
12. P2627 - If either POC26,POC27 is present, then all are required

Semantics:

1. POC01 is the purchase order line item identification.

Loop PID

Pos: 0500	**Repeat: 1000**
Optional	
Loop: PID	**Elements: N/A**

To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0500 Max: 1
Detail - Optional
Loop: PID Elements: 2

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description **Code** **Name** F Free-form	M	ID	1/1	Must use
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	X	AN	1/80	Must use

Syntax:

1. C0403 - If PID04 is present, then all of PID03 are required
2. R0405 - At least one of PID04,PID05 is required
3. C0703 - If PID07 is present, then all of PID03 are required
4. C0804 - If PID08 is present, then all of PID04 are required
5. C0905 - If PID09 is present, then all of PID05 are required

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

PO4 Item Physical Details

Pos: 0900 Max: >1
Detail - Optional
Loop: POC Elements: 2

User Option (Usage): Used

To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO402	357	**Size** **Description:** Size of supplier units in pack	X	R	1/8	Used
PO403	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**	X	ID	2/2	Used

Syntax:

1. P0203 - If either PO402,PO403 is present, then all are required
2. C0506 - If PO405 is present, then all of PO406 are required
3. P0607 - If either PO406,PO407 is present, then all are required
4. P0809 - If either PO408,PO409 is present, then all are required
5. C1013 - If PO410 is present, then all of PO413 are required
6. C1113 - If PO411 is present, then all of PO413 are required
7. C1213 - If PO412 is present, then all of PO413 are required
8. L13101112 - If PO413 is present, then at least one of PO410,PO411,PO412 is required
9. C1716 - If PO417 is present, then all of PO416 are required
10. C1804 - If PO418 is present, then all of PO404 are required

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Loop N1

Pos: 3400 Repeat: 200
Optional
Loop: N1 Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3400	N1	Name	O	1		Must use
3700	N4	Geographic Location	O	1		Used

N1 Name

Pos: 3400	Max: 1
Detail - Optional	
Loop: N1	Elements: 3

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** CT Country of Origin	M	ID	2/3	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 38 Country Code	X	ID	1/2	Used
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Country Code*	X	AN	2/80	Used

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N4 Geographic Location

Pos: 3700	Max: 1
Detail - Optional	
Loop: N1	Elements: 1

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Used

Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop CTT

Pos: 0100 Repeat: 1
Optional
Loop: CTT Elements: N/A

To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	CTT	Transaction Totals	O	1		Must use
0200	AMT	Monetary Amount	O	5		Must use

CTT Transaction Totals

Pos: 0100 Max: 1
Summary - Optional
Loop: CTT Elements: 2

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Will equal the number of POC segments.*	M	N0	1/6	Must use
CTT02	347	**Hash Total** **Description:** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total **The Home Depot Requirements:** *The sum of the quantities ordered (sum of the POC03 segments)*	O	R	1/10	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

AMT Monetary Amount

Pos: 0200 Max: 5
Summary - Optional
Loop: CTT Elements: 2

User Option (Usage): Must use

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **The Home Depot Requirements:** *Total of Purchase Order* **Code** **Name** TT Total Transaction Amount	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *The total order amount after all discounts.*	M	R	1/18	Must use

SE Transaction Set Trailer

Pos: 0300 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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860 Purchase Order Change

X12/V4060/860: 860 Purchase Order Change

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860 Purchase Order Change Request - Buyer Initiated

Functional Group=PC

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
0400	CUR	Currency	O	1			Must use
0500	REF	Reference Information	O	>1			Must use
0500	REF	Reference Information	O	>1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Must use
1500	DTM	Date/Time Reference	O	10			Used
LOOP ID - N9					**1000**		
2950	N9	Extended Reference Information	O	1			Used
3000	MTX	Text	O	>1			Used
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Used
3300	N3	Party Location	O	2			Used
3400	N4	Geographic Location	O	>1			Used
3600	PER	Administrative Communications Contact	O	>1			Used
LOOP ID - N1					**200**		
3100	N1	Party Identification	O	1			Used
3300	N3	Party Location	O	2			Used
3400	N4	Geographic Location	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - POC					**>1**		
0100	POC	Line Item Change	O	1			Must use
LOOP ID - PID					**1000**		
0500	PID	Product/Item Description	O	1			Must use
2000	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					**200**		
3400	N1	Party Identification	O	1			Used
3600	N3	Party Location	O	2			Used
3700	N4	Geographic Location	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage

LOOP ID - CTT					1	N3/0100L	
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	AMT	Monetary Amount Information	O	1		N3/0200	Must use
0300	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100L The number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0200 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **Code** **Name** 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element **Code** **Name** 072271711 US Production USAP	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID,	M	AN	15/15	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** ! Exclamation Point : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **Code** **Name** 0 No Interchange Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **Code** **Name** P Production Data	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** PC Purchase Order Change Request - Buyer Initiated (860)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **Code** **Name** 072271711 US Production USAP	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **Code** **Name** X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 860 Purchase Order Change Request - Buyer Initiated	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BCH Beginning Segment for Purchase Order Change

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 6**

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **Code** **Name** 01 Cancellation 05 Replace	M	ID	2/2	Must use
BCH02	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** CP Change to Purchase Order	M	ID	2/2	Must use
BCH03	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use
BCH05	327	**Change Order Sequence Number** **Description:** Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set **The Home Depot Requirements:** *Purchase Order Version number - 5 digit number.*	O	AN	1/8	Must use
BCH06	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Original PO Date*	M	DT	8/8	Must use
BCH08	367	**Contract Number** **Description:** Contract number **The Home Depot Requirements:** *This will be the doc trace ID - 10 digit PO number plus 5 digit version number.*	O	AN	1/30	Must use

Semantics:

1. BCH06 is the date assigned by the purchaser to purchase order.
2. BCH09 is the seller's order number.
3. BCH10 is the date assigned by the sender to the acknowledgment.
4. BCH11 is the date of the purchase order change request.

CUR Currency

Pos: 0400 **Max: 1**
Heading - Optional
Loop: N/A **Elements: 2**

User Option (Usage): Must use

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** BY Buying Party (Purchaser)	M	ID	2/3	Must use
CUR02	100	**Currency Code** **Description:** Code (Standard ISO) for country in whose currency the charges are specified **Code** **Name** CAD Canadian Dollars USD US Dollars	M	ID	3/3	Must use

Syntax:

1. C0807 - If CUR08 is present, then all of CUR07 are required
2. C0907 - If CUR09 is present, then all of CUR07 are required
3. L101112 - If CUR10 is present, then at least one of CUR11,CUR12 is required
4. C1110 - If CUR11 is present, then all of CUR10 are required
5. C1210 - If CUR12 is present, then all of CUR10 are required
6. L131415 - If CUR13 is present, then at least one of CUR14,CUR15 is required
7. C1413 - If CUR14 is present, then all of CUR13 are required
8. C1513 - If CUR15 is present, then all of CUR13 are required
9. L161718 - If CUR16 is present, then at least one of CUR17,CUR18 is required
10. C1716 - If CUR17 is present, then all of CUR16 are required
11. C1816 - If CUR18 is present, then all of CUR16 are required
12. L192021 - If CUR19 is present, then at least one of CUR20,CUR21 is required
13. C2019 - If CUR20 is present, then all of CUR19 are required
14. C2119 - If CUR21 is present, then all of CUR19 are required

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Home Depot assigned Vendor Number*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** ST Store Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *The Home Depot assigned Ship To Location Number*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 1**

User Option (Usage): Must use

To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD12	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *A text description of the payment terms associated with the order.*	O	AN	1/80	Must use

Syntax:

1. L03040513 - If ITD03 is present, then at least one of ITD04,ITD05,ITD13 is required
2. L08040513 - If ITD08 is present, then at least one of ITD04,ITD05,ITD13 is required
3. L091011 - If ITD09 is present, then at least one of ITD10,ITD11 is required

Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **Code** **Name** 002 Delivery Requested	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Must use

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

The Home Depot Requirements:

Will only be mapped if all items are requested for same date delivery.

Loop N9

Pos: 2950	**Repeat: 1000**
Optional	
Loop: N9	**Elements: N/A**

To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2950	N9	Extended Reference Information	O	1		Used
3000	MTX	Text	O	>1		Used

N9 Extended Reference Information

Pos: 2950 **Max: 1**
Heading - Optional
Loop: N9 **Elements: 2**

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** PO Purchase Order Number	M	ID	2/3	Must use
N902	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of N902,N903 is required
2. C0605 - If N906 is present, then all of N905 are required

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

MTX Text

Pos: 3000	Max: >1
Heading - Optional	
Loop: N9	Elements: 3

User Option (Usage): Used

To specify textual data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MTX01	363	**Note Reference Code** **Description:** Code identifying the functional area or purpose for which the note applies **Code** **Name** ORI Order Instructions	O	ID	3/3	Must use
MTX02	1551	**Textual Data** **Description:** To transmit large volumes of message text	X	AN	1/4096	Must use
MTX04	934	**Printer Carriage Control Code** **Description:** A field to be used for the control of the line feed of the receiving printer **Code** **Name** SS Advance to new line before print	X	ID	2/2	Must use

Syntax:

1. C0102 - If MTX01 is present, then all of MTX02 are required
2. C0302 - If MTX03 is present, then all of MTX02 are required
3. C0504 - If MTX05 is present, then all of MTX04 are required

Semantics:

1. MTX05 is the number of lines to advance before printing.

Comments:

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

Loop N1

Pos: 3100 Repeat: 200
Optional
Loop: N1 Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Used
3300	N3	Party Location	O	2		Used
3400	N4	Geographic Location	O	>1		Used
3600	PER	Administrative Communications Contact	O	>1		Used

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N1 Party Identification

Pos: 3100 **Max: 1**
Heading - Optional
Loop: N1 **Elements: 3**

User Option (Usage): Used

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** OB Ordered By	M	ID	2/3	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Home Depot Location Number.*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N3 Party Location

Pos: 3300 **Max: 2**
Heading - Optional
Loop: N1 **Elements: 2**

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Must use
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Must use
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must use
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Must use

Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

PER Administrative Communications Contact

Pos: 3600 **Max: >1**
Heading - Optional
Loop: N1 **Elements: 4**

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** NT Notification Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name	O	AN	1/60	Used
PER03	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **Code** **Name** TE Telephone	X	ID	2/2	Used
PER04	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable	X	AN	1/256	Used

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

Loop N1

Pos: 3100 Repeat: 200
Optional
Loop: N1 Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3100	N1	Party Identification	O	1		Used
3300	N3	Party Location	O	2		Used
3400	N4	Geographic Location	O	>1		Used

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N1 Party Identification

Pos: 3100 **Max: 1**
Heading - Optional
Loop: N1 **Elements: 4**

User Option (Usage): Used

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** ST Ship To	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Home Depot Location Number.*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N3 Party Location

Pos: 3300 **Max: 2**
Heading - Optional
Loop: N1 **Elements: 2**

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

N4 Geographic Location

Pos: 3400	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Must use
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Must use
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must use
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Must use

Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

The Home Depot Requirements:

Will only be mapped if all items are to be shipped to the same location.

Loop POC

Pos: 0100 Repeat: >1
Optional
Loop: POC Elements: N/A

To specify changes to a line item

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	POC	Line Item Change	O	1		Must use
0500		Loop PID	O		1000	Must use
2000	DTM	Date/Time Reference	O	10		Used
3400		Loop N1	O		200	Used

POC Line Item Change

Pos: 0100 Max: 1
Detail - Optional
Loop: POC Elements: 12

User Option (Usage): Must use

To specify changes to a line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC01	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *PO Line Number. Must use this number to refer to on Order Status and Invoice. Will be used for matching those documents back to Order.*	O	AN	1/20	Must use
POC02	670	**Change or Response Type Code** **Description:** Code specifying the type of change to the line item **Code** **Name** RZ Replace All Values **Description:** Receiver should replace the corresponding values in the original purchase order with the values contained in the Purchase Order Change Transaction Set	M	ID	2/2	Must use
POC03	380	**Quantity** **Description:** Numeric value of quantity	X	R	1/15	Must use
POC04	671	**Quantity Left to Receive** **Description:** Quantity left to receive as qualified by the unit of measure **The Home Depot Requirements:** *Should be the same as POC03 - since none have been received.*	O	R	1/9	Must use
POC05	C001	**Composite Unit of Measure** **Description:** To identify a composite unit of measure (See Figures Appendix for examples of use)	X	Comp		Must use
	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**	M	ID	2/2	Must use
POC06	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **The Home Depot Requirements:** *This Unit Price represents the NET cost of the Product/Service. Any discounts other than cash (payment terms) discounts will be reflected in the Unit Price.*	X	R	1/17	Must use
POC08	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** VP Vendor's (Seller's) Part Number	X	ID	2/2	Used

		Code **Name**				
POC09	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used
POC10	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Home Depot Internal ID Number	X	ID	2/2	Used
POC11	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used
POC12	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** UP UCC - 12 **Description:** Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)	X	ID	2/2	Used
POC13	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Used

Syntax:

1. P0305 - If either POC03,POC05 is present, then all are required
2. C0405 - If POC04 is present, then all of POC05 are required
3. C0706 - If POC07 is present, then all of POC06 are required
4. P0809 - If either POC08,POC09 is present, then all are required
5. P1011 - If either POC10,POC11 is present, then all are required
6. P1213 - If either POC12,POC13 is present, then all are required
7. P1415 - If either POC14,POC15 is present, then all are required
8. P1617 - If either POC16,POC17 is present, then all are required
9. P1819 - If either POC18,POC19 is present, then all are required
10. P2021 - If either POC20,POC21 is present, then all are required
11. P2223 - If either POC22,POC23 is present, then all are required
12. P2425 - If either POC24,POC25 is present, then all are required
13. P2627 - If either POC26,POC27 is present, then all are required

Semantics:

1. POC01 is the purchase order line item identification.
2. POC03 is quantity ordered.

Loop PID

Pos: 0500	**Repeat: 1000**
Optional	
Loop: PID	**Elements: N/A**

To describe a product or process in coded or free-form format

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	PID	Product/Item Description	O	1		Must use

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type** **Description:** Code indicating the format of a description **Code** **Name** F Free-form	M	ID	1/1	Must use
PID05	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	X	AN	1/80	Must use

Syntax:

1. C0403 - If PID04 is present, then all of PID03 are required
2. R0405 - At least one of PID04,PID05 is required
3. C0703 - If PID07 is present, then all of PID03 are required
4. C0804 - If PID08 is present, then all of PID04 are required
5. C0905 - If PID09 is present, then all of PID05 are required

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

DTM Date/Time Reference

Pos: 2000 Max: 10
Detail - Optional
Loop: POC Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **Code** **Name** 002 Delivery Requested	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X	DT	8/8	Must use

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

The Home Depot Requirements:

Will only be mapped if items are requested for different date delivery.

Loop N1

Pos: 3400 Repeat: 200
Optional
Loop: N1 Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3400	N1	Party Identification	O	1		Used
3600	N3	Party Location	O	2		Used
3700	N4	Geographic Location	O	1		Used

The Home Depot Requirements:

Will only be mapped if items are to be shipped to different locations.

N1 Party Identification

Pos: 3400 **Max: 1**
Detail - Optional
Loop: N1 **Elements: 4**

User Option (Usage): Used

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** ST Ship To	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Home Depot Location Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

The Home Depot Requirements:

Will only be mapped if items are to be shipped to different locations.

N3 Party Location

Pos: 3600 **Max: 2**
Detail - Optional
Loop: N1 **Elements: 2**

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

The Home Depot Requirements:

Will only be mapped if items are to be shipped to different locations.

N4 Geographic Location

Pos: 3700	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Must use
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Must use
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Must use
N404	26	**Country Code** **Description:** Code identifying the country	X	ID	2/3	Must use

Syntax:

1. E0207 - Only one of N402,N407 may be presented
2. C0605 - If N406 is present, then all of N405 are required
3. C0704 - If N407 is present, then all of N404 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

The Home Depot Requirements:

Will only be mapped if items are to be shipped to different locations.

Loop CTT

Pos: 0100 Repeat: 1
Optional
Loop: CTT Elements: N/A

To transmit a hash total for a specific element in the transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	CTT	Transaction Totals	O	1		Must use
0200	AMT	Monetary Amount Information	O	1		Must use

CTT Transaction Totals

Pos: 0100 Max: 1
Summary - Optional
Loop: CTT Elements: 2

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set	M	N0	1/6	Must use
CTT02	347	**Hash Total** **Description:** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total **The Home Depot Requirements:** *A sum of the ordered quantities.*	O	R	1/10	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

AMT Monetary Amount Information

Pos: 0200 **Max: 1**
Summary - Optional
Loop: CTT **Elements: 2**

User Option (Usage): Must use

To indicate the total monetary amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AMT01	522	**Amount Qualifier Code** **Description:** Code to qualify amount **Code** **Name** TT Total Transaction Amount	M	ID	1/3	Must use
AMT02	782	**Monetary Amount** **Description:** Monetary amount **The Home Depot Requirements:** *Sum of cost of all line items.*	M	R	1/18	Must use

SE Transaction Set Trailer

Pos: 0300 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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US Version 4040 EDI Import Supplier PO Change (860) - Example for The Home Depot

ISA*00**00* *(HOME DEPOT 2-DIGIT QUALIFIER)*(HOME DEPOT ISA ID) *(YOUR 2-DIGIT QUALIFIER)*
(YOUR ISA I.D)*DATE*TIME*U*00400*(INTERCHANGE CONTROL #)*0*T*>.
GS*PC*(HOME DEPOT GS ID)* (YOUR GS ID)*(DATE)*(TIME)*(GROUP CONTROL #)*X*004040.
ST*860*(TRANSACTION SET CONTROL #).
BCH*05(TRANSACTION SET PURPOSE CODE)*CP(PURCHASE ORDER TYPE CODE)*59103735(*8-Digit HD PO #)***2(CHANGE ORDER SEQUENCE NUMBER)*20120920(DATE)**5159103735-2(CONTRACT NUMBER)***20120921(DATE).
CUR*BY(ENTITY ID CODE)*USD(CURRENCY CODE)*1.000(EXCHANGE RATE)*SE(ENTITY ID CODE)*USD(CURRENCY CODE).
REF*TOC(TYPE OF COMMENT)** 0.
PER*DC(CONTACT FUNCTION CODE)*DC GENERAL MGR(NAME).
FOB*DF(SHIPMENT PAYMENT)*ZZ(LOCATION QUALIFIER)*FCA(DESCRIPTION).
ITD**********NET 60 DAYS BOL**O(PAYMENT METHOD CODE).
DTM*037*20121022(Ship not before Date).
DTM*038*20121022(Ship No Later Than Date).
DTM*002*20121201 (Delivery Requested Date).
TD1*CNT90(PACKAGING CODE)*1(LADING QUANTITY).
TD5****S(TRANSPORTATION METHOD)***OR(ORIGIN)*CN002(LADING CODE).
TD4****45 FT. CONTAINER.
N1*OB* THE HOME DEPOT*92*5149. (4-digit HD store #)
N3*190 GREENWOOD INDUSTRIAL PARKWAY(STORE STREET ADDRESS).
N4*MCDONOUGH(CITY NAME)*GA(STATE OR PROVINCE CODE)*30253(POSTAL CODE)*US(COUNTRY CODE).
N1*SE*CORDELIA
LIGHTING-CHINA.
REF*DP*027. (HD Department Number)
REF*WO**(WORK ORDER NUMBER).*
REF*VR*0000012746.
POC*00001(PO LINE NUMBER)*RZ(CHANGE TYPE CODE)*1(QUANTITY ORDERED)*1(QUANTITY LEFT TO RECEIVE)*EA(UNIT OF MEASURE)*.3(UNIT PRICE)**VP(VENDOR'S (SELLER'S) PART NUMBER)*Y32013-24(PRODUCT/SERVICE ID)*SK(STOCK KEEPINGUNIT)*1000123456(PRODUCT/SERVICE ID).
PID*F(FREE FORM)****CRYSTAL 1LT WALL W SHADE POLY CHROME(DESCRIPTION).
PO4**2(SIZE)*EA(UNIT OF MEASURE).
N1*CT(ENTITY ID CODE)**38(QUALIFIER)*CN(COUNTRY CODE).
N4****CN(COUNTRY CODE).
CTT*1(NUMBER OF LINE ITEMS)*1(HASH TOTAL).
AMT*TT(TOTAL TRANSACTION AMOUNT)*.3(MONETARY AMOUNT).

SE*28*000118892.

*Review THD's EDI Import Supplier PO Change 860 Specifications or call your EDI contact for further clarification.

US/CAN Version 4060 Non-Merchandise Supplier EDI Purchase Order Change (860) Sample reflects same Ship To Location and Delivery Requested Date

ISA*00* *00* *14*072271711USAP *YOUR 2 DIGIT QUALIFIER *YOUR ISA ID
*040409*1129*^*00406*000001158*0*P*>~
GS*PC*072271711USAP*YOUR GS ID*20040409*112924*213*X*004060~
ST*860*0001~
BCH*05*CP*VALID 10-DIGIT PO#**00025*CCYYMMDD(PO DATE)**HD REF # (PO #
plus 5 digit version #)***CCYYMMDD~
CUR*BY*USD~
REF*MR*MERCHANDISE VENDOR #~ (Vendor # assigned by The Home Depot)
REF*ST*0108~ (4-digit HD Location#)
ITD**********1% 60, Net 61~ (HD approved payment terms)
DTM*002*CCYYMMDD~ (Delivery Requested Date)
N9*PO*VALID 10-DIGIT HD PO#~
MTX*ORI*MESSAGE ASSOCIATED WITH ORDER.**SS~
N1*OB**92*0108~ (4-digit HD Location#)
N3*STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
PER*NT*SHIP TO CONTACT NAME*TE*CONTACT PHONE NUMBER~
N1*ST*ROSWELL*92*0108~ (Ship to Location)
N3*STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
POC*20(Line Item # from PO)*RZ*920*920*EA*24.75**VP*YOUR PART#*SK*HD
SKU#*UP*UPC#~
PID*F****Part Description #1~
POC*30(Line Item # from PO)*RZ*100*100*EA*24.75**VP*YOUR PART#*SK*HD
SKU#*UP*UPC#~
PID*F****Part Description #2~
POC*40(Line Item # from PO)*RZ*1250*1250*EA*24.75**VP*YOUR PART#*SK*HD
SKU#*UP*UPC#~
PID*F****Part Description #3~
CTT*3*2270~ {# of Line Items*Hash Totals(Sum of PO102 elements)
AMT*TT*56182.5~ (Total Retail Cost)
SE*25*0001~
GE*1*213~
IEA*1*000001158~

NOTES:

- This example represents all segments and elements that Home Depot maps. Please refer to the 850 specifications for additional conditions regarding when to map the above segments and elements.
- This example represents a sample for a US 860. The Canadian example will be the same except for the HD I.D. (072271711CANP) and the Currency (CAD).

US/CAN Version 4060 Non-Merchandise Supplier EDI Purchase Order Change (860) Sample reflects same Ship To Location and Delivery Requested Date

ISA*00* *00* *14*072271711USAP *YOUR 2 DIGIT QUALIFIER *YOUR ISA ID
*040409*1129*^*00406*000001158*0*P*>~
GS*PC*072271711USAP*YOUR GS ID*20040409*112924*213*X*004060~
ST*860*0001~
BCH*05*CP*VALID 10-DIGIT PO#**00025*CCYYMMDD(PO DATE)**HD REF # (PO #
plus 5 digit version #)***CCYYMMDD~
CUR*BY*USD~
REF*MR*MERCHANDISE VENDOR #~ (Vendor # assigned by The Home Depot)
REF*ST*0108~ (4-digit HD Location#)
ITD**********1% 60, Net 61~ (HD approved payment terms)
DTM*002*CCYYMMDD~ (Delivery Requested Date)
N9*PO*VALID 10-DIGIT HD PO#~
MTX*ORI*MESSAGE ASSOCIATED WITH ORDER.**SS~
N1*OB**92*0108~ (4-digit HD Location#)
N3*STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
PER*NT*SHIP TO CONTACT NAME*TE*CONTACT PHONE NUMBER~
N1*ST*ROSWELL*92*0108~ (Ship to Location)
N3*STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
POC*20(Line Item # from PO)*RZ*920*920*EA*24.75**VP*YOUR PART#*SK*HD
SKU#*UP*UPC#~
PID*F****Part Description #1~
POC*30(Line Item # from PO)*RZ*100*100*EA*24.75**VP*YOUR PART#*SK*HD
SKU#*UP*UPC#~
PID*F****Part Description #2~
POC*40(Line Item # from PO)*RZ*1250*1250*EA*24.75**VP*YOUR PART#*SK*HD
SKU#*UP*UPC#~
PID*F****Part Description #3~
CTT*3*2270~ {# of Line Items*Hash Totals(Sum of PO102 elements)
AMT*TT*56182.5~ (Total Retail Cost)
SE*32*0001~
GE*1*213~
IEA*1*000001158~

NOTES:

• This example represents all segments and elements that Home Depot maps. Please refer to the 850 specifications for additional conditions regarding when to map the above segments and elements.
• This example represents a sample for a US 860. The Canadian example will be the same except for the HD I.D. (072271711CANP) and the Currency (CAD).

THE HOME DEPOT

EDI 864

Text Message

864 Text Message

X12/V4060/864: 864 Text Message

Version: 6.06

Modified: **06/07/2006**

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864 Text Message

Functional Group=TX

This X12 Transaction Set contains the format and establishes the data content of the Text Message Transaction Set (864) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide users with a capability to electronically move messages, contracts, explanations, and other one-time communications. It is the intent of this transaction set to provide electronic communication (messages) for people, not for computer processing. The use of the transaction set to transmit quasi or unique transaction set standards is discouraged. The use of the Text Message transaction set demands of the sender certain detailed information about the recipient. The transaction set's purpose is to provide communication to the recipient in some human-readable form. The recipient's network will dictate what capabilities are available for delivery of the information. It is the responsibility of the sender to obtain this information and include it in the transmission.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BMG	Beginning Segment For Text Message	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - MIT					**>1**		
0100	MIT	Message Identification	M	1			Must use
0800	MSG	Message Text	M	>1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **Code** **Name** 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use

Code	Name
0722717110100	US Production
072271711CAP	Canada Production

ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				

Code	Name
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				

Code	Name
00406	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **Code** **Name** 0 No Interchange Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **Code** **Name** P Production Data	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** TX Text Message (864)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **Code** **Name** 072271711 US Production 072271711C Canada Production	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of	M	ID	1/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		the standard; this code is used in conjunction with Data Element 480 **Code** **Name** X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	AN	1/12	Must use

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 864 Text Message	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BMG Beginning Segment For Text Message

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the beginning of a Text Message Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BMG01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **All valid standard codes are used.**	M	ID	2/2	Must use
BMG02	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	O	AN	1/80	Must use

Comments:

1. BMG02 contains the message subject.

Loop MIT

Pos: 0100	Repeat: >1
Mandatory	
Loop: MIT	Elements: N/A

User Option (Usage): Must use

To identify the beginning of a specific message and to allow the identification of a subject for the message

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	MIT	Message Identification	M	1		Must use
0800	MSG	Message Text	M	>1		Must use

MIT Message Identification

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: MIT	Elements: 3

User Option (Usage): Must use

To identify the beginning of a specific message and to allow the identification of a subject for the message

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MIT01	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/50	Must use
MIT03	931	**Page Width** **Description:** Definition of the maximum number of characters per line that can be expected in the message text	O	N0	1/3	Must use
MIT04	932	**Page Length Lines** **Description:** Definition of the maximum number of lines per page that can be expected in the message text	O	N0	1/3	Must use

Semantics:

1. MIT01 contains the message number.
2. MIT02 contains the message subject.

Comments:

1. MIT03 default is 80 characters.
2. MIT04 default is 66 lines.

MSG Message Text

Pos: 0800	Max: >1
Detail - Mandatory	
Loop: MIT	Elements: 2

User Option (Usage): Must use

To provide a free-form format that allows the transmission of text information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MSG01	933	**Free-form Message Text** **Description:** Free-form message text	M	AN	1/264	Must use
MSG02	934	**Printer Carriage Control Code** **Description:** A field to be used for the control of the line feed of the receiving printer **Code** **Name** DS Advance two lines before print NP Advance to next page before print SS Advance to new line before print	X	ID	2/2	Must use

Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

Semantics:

1. MSG03 is the number of lines to advance before printing.

Comments:

1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2. If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

SE Transaction Set Trailer

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

864 Text Message

X12

Version: 6.06 Final

Modified:	**07/06/2006**
Notes:	**Proprietary Confidential Material**

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864 Text Message

Functional Group=TX

This Draft Standard for Trial Use contains the format and establishes the data content of the Text Message Transaction Set (864) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide users with a capability to electronically move messages, contracts, explanations, and other one-time communications.It is the intent of this transaction set to provide electronic communication (messages) for people, not for computer processing. The use of the transaction set to transmit quasi or unique transaction set standards is discouraged.The use of the Text Message transaction set demands of the sender certain detailed information about the recipient. The transaction set's purpose is to provide communication to the recipient in some human-readable form. The recipient's network will dictate what capabilities are available for delivery of the information. It is the responsibility of the sender to obtain this information and include it in the transmission.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BMG	Beginning Segment For Text Message	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - MIT					**>1**		
010	MIT	Message Identification	M	1			Must use
080	MSG	Message Text	M	100000			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	SE	Transaction Set Trailer	M	1			Must use

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set. **User Note 1:** *864 = Home Depot Text Error Message* **Code** **Name** 864 X12.34 Text Message	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set **User Note 1:** *Will match the SE02*	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

BMG Beginning Segment For Text Message

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the beginning of a text message transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BMG01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set. **User Note 1:** *Will use "18" (re-issue)* **Code** **Name** 18 Reissue	M	ID	2/2	Must use
BMG02	352	**Description** **Description:** A free-form description to clarify the related data elements and their content. **User Note 1:** *First 9 bytes will contain the unique identifier assigned to the text document*	O	AN	1/80	Used

Comments:

1. BMG02 contains the message subject.

Loop MIT

Pos: 010	Repeat: >1
Mandatory	
Loop: MIT	Elements: N/A

User Option (Usage): Must use

To identify the beginning of a specific message and to allow the identification of a subject for the message.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	MIT	Message Identification	M	1		Must use
080	MSG	Message Text	M	100000		Must use

MIT Message Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: MIT	Elements: 3

User Option (Usage): Must use

To identify the beginning of a specific message and to allow the identification of a subject for the message.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MIT01	127	**Reference Number** **Description:** Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. **User Note 1:** *First 9 bytes will contain the unique identifier assigned to the text document*	M	AN	1/30	Must use
MIT03	931	**Page Width** **Description:** Definition of the maximum number of characters per line that can be expected in the message text. **User Note 1:** *80 Characters Wide*	M	N0	1/3	Must use
MIT04	932	**Page Length Lines** **Description:** Definition of the maximum number of lines per page that can be expected in the message text. **User Note 1:** *55 Lines Long*	M	N0	1/3	Must use

Semantics:

1. MIT01 contains the message number.
2. MIT02 contains the message subject.

Comments:

1. MIT03 default is 80 characters.
2. MIT04 default is 66 lines.

MSG Message Text

Pos: 080	Max: 100000
Detail - Mandatory	
Loop: MIT	Elements: 2

User Option (Usage): Must use

To provide a free form format that would allow the transmission of text information.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MSG01	933	**Free-Form Message Text** **Description:** Free-form message text. **User Note 1:** *Will contain a description of the error including: Interchange Number, Group Number, Document Number, and a free-form description of the error type and action required.*	M	AN	1/264	Must use
MSG02	934	**Printer Carriage Control Code** **Description:** A field to be used for the control of the line feed of the receiving printer. **User Note 1:** *DS = Advance two lines before print; NP = Advance to next page before print; SS = Advance to new line before print*	M	ID	2/2	Must use

Code	Name
DS	Advance two lines before print
NP	Advance to next page before print
SS	Advance to new line before print

Comments:

1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

SE Transaction Set Trailer

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments.	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set **User Note 1:** *Will match transaction control number in the ST02 element*	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

MISSING ASN 864 Text Message

X12/V4060/864: 864 Outbound Text Message

Version: 6.10

Company:	**The Home Depot**
Modified:	**5/24/2010**

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864 Text Message

Functional Group=TX

Purpose: This X12 Transaction Set contains the format and establishes the data content of the Text Message Transaction Set (864) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide users with a capability to electronically move messages, contracts, explanations, and other one-time communications. It is the intent of this transaction set to provide electronic communication (messages) for people, not for computer processing. The use of the transaction set to transmit quasi or unique transaction set standards is discouraged. The use of the Text Message transaction set demands of the sender certain detailed information about the recipient. The transaction set's purpose is to provide communication to the recipient in some human-readable form. The recipient's network will dictate what capabilities are available for delivery of the information. It is the responsibility of the sender to obtain this information and include it in the transmission.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BMG	Beginning Segment For Text Message	M	1			Must use
0300	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					**200**		
0400	N1	Party Identification	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - MIT					**>1**		
0100	MIT	Message Identification	M	1			Must use
0800	MSG	Message Text	M	>1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **CodeList Summary** (Total Codes: 7, Included: 1) **Code** **Name** 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **CodeList Summary** (Total Codes: 2, Included: 1) **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **CodeList Summary** (Total Codes: 41, Included: 1) **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element **The Home Depot Requirements:** *072271711CAP*				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **The Home Depot Requirements:** *The preferred separator is the ^.*				

CodeList Summary (Total Codes: 5, Included: 5)

Code	Name
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data.

ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **CodeList Summary** (Total Codes: 18, Included: 1) **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used. (Total Codes: 2)**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **CodeList Summary** (Total Codes: 3, Included: 1) **Code** **Name** P Production Data	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **CodeList Summary** (Total Codes: 262, Included: 1) **Code** **Name** TX Text Message (864)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **The Home Depot Requirements:** *072271711C*	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480	M	ID	1/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		CodeList Summary (Total Codes: 2, Included: 1) **Code** **Name** X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **CodeList Summary** (Total Codes: 49, Included: 1) **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	AN	1/12	Must use

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **CodeList Summary** (Total Codes: 316, Included: 1) **Code** **Name** 864 Text Message	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BMG Beginning Segment For Text Message

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 2**

User Option (Usage): Must use
Purpose: To indicate the beginning of a Text Message Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BMG01	353	**Transaction Set Purpose Code** **Description:** Code identifying purpose of transaction set **CodeList Summary** (Total Codes: 66, Included: 1) **Code** **Name** 18 Reissue	M	ID	2/2	Must use
BMG02	352	**Description** **Description:** A free-form description to clarify the related data elements and their content	O	AN	1/80	Must use

Comments:

1. BMG02 contains the message subject.

DTM Date/Time Reference

Pos: 0300	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier** **Description:** Code specifying type of date or time, or both date and time **CodeList Summary** (Total Codes: 1277, Included: 2) **Code** **Name** 002 Delivery Requested 038 Ship No Later	M	ID	3/3	Must use
DTM02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Current requested ship date* *Current delivery date*	X	DT	8/8	Used

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Party Identification

Pos: 0400 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Party Identification	O	1		Used

N1 Party Identification

Pos: 0400	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **CodeList Summary** (Total Codes: 1494, Included: 1) **Code** **Name** ST Ship To	M	ID	2/3	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **CodeList Summary** (Total Codes: 243, Included: 1) **Code** **Name** FA Facility Identification	X	ID	1/2	Used
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Home Depot faciity number*	X	AN	2/80	Used

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop Message Identification

Pos: 0100 **Repeat: >1**
Mandatory
Loop: MIT **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify the beginning of a specific message and to allow the identification of a subject for the message

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	MIT	Message Identification	M	1		Must use
0800	MSG	Message Text	M	>1		Must use

MIT Message Identification

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: MIT	Elements: 4

User Option (Usage): Must use

Purpose: To identify the beginning of a specific message and to allow the identification of a subject for the message

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MIT01	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/50	Must use
MIT02	352	**Description** **Description:** A free-form description to clarify the related data elements and their content **The Home Depot Requirements:** *HOME DEPOT GENERATED PO NUMBER*	O	AN	1/80	Used
MIT03	931	**Page Width** **Description:** Definition of the maximum number of characters per line that can be expected in the message text	O	N0	1/3	Must use
MIT04	932	**Page Length Lines** **Description:** Definition of the maximum number of lines per page that can be expected in the message text	O	N0	1/3	Must use

Semantics:

1. MIT01 contains the message number.
2. MIT02 contains the message subject.

Comments:

1. MIT03 default is 80 characters.
2. MIT04 default is 66 lines.

MSG Message Text

Pos: 0800	Max: >1
Detail - Mandatory	
Loop: MIT	Elements: 2

User Option (Usage): Must use

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MSG01	933	**Free-form Message Text** **Description:** Free-form message text	M	AN	1/264	Must use
MSG02	934	**Printer Carriage Control Code** **Description:** A field to be used for the control of the line feed of the receiving printer **CodeList Summary** (Total Codes: 7, Included: 3) **Code** **Name** DS Advance two lines before print NP Advance to next page before print SS Advance to new line before print	X	ID	2/2	Must use

Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

Semantics:

1. MSG03 is the number of lines to advance before printing.

Comments:

1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2. If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

SE Transaction Set Trailer

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

US/CAN-Version 4060 Text Document (864)-Example for The Home Depot

```
ISA*00*          *00*          *14*0722717110100  *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID
*020105*0910*|*00406*000006335(INTERCHANGE CONTROL #)*0*P*>~
GS*TX*072271711*YOUR GS ID*20020105*0910*58(GROUP CONTROL #)*X*004060~
ST*864*000200924~
BMG*18*000236072~
MIT*000236072**80*55~
MSG*                HOME DEPOT EDI INVOICE ERRORS                EDIT DATE: 2003-03-27*NP~
MSG*TXT NBR: 000236072              REPORTED TO:                 EDIT TIME: 22:14:07    *SS~
MSG*                                YOUR COMPANY NAME                                   *SS~
MSG*                                YOUR ID: ????????????                               *SS~
MSG*                THE FOLLOWING INVOICES HAVE BEEN REJECTED DUE TO                    *DS~
MSG*               VIOLATION(S) OF THE HOME DEPOT MAPPING SPECIFICATIONS.               *SS~
MSG*            YOU MUST CORRECT AND RETRANSMIT UTILIZING THE SAME INVOICE              *SS~
MSG*          NUMBER WITHIN 5 BUSINESS DAYS.  OTHERWISE, THESE REJECTED                 *SS~
MSG*         INVOICES WILL BE DELETED FROM OUR SYSTEM AND WILL NOT BE                   *SS~
MSG*                                PAID.                                               *SS~
MSG*          IF YOU CANNOT CORRECT AND RETRANSMIT THE INVOICE(S) IN                    *DS~
MSG*        ERROR, NOTIFY YOUR EDI PRODUCTION SUPPORT CONTACT OR CALL                   *SS~
MSG*               THE EDI HOTLINE AT (770) 433-8211 EXTENSION 10036.                   *SS~
MSG*                   INVOICE NUMBER E R R O R M E S S A G E                           *DS~
MSG*                INVOICE NUMBER ED05 INVALID STORE NUMBER RECEIVED                   *SS~
SE*19*000200924~
GE*1*58~
IEA*1*6335~
```

NOTES:

- This example represents all segments and elements that Home Depot maps. Please refer to the 864 error code listing for additional explanations.

U.S. – Version 3040 Text Document (864)–Example for The Home Depot

```
ISA*00*          *00*          *14*0722717110100  *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID
*020105*0910*U*00200*000006335(INTERCHANGE CONTROL #)*0*P*>.
GS*TX*072271711*YOUR GS ID*020105*0910*58(GROUP CONTROL #)*X*003040.
ST*864*000200924~
BMG*18*000236072~
MIT*000236072**80*55~
MSG*                HOME DEPOT EDI INVOICE ERRORS                EDIT DATE: 2003-03-27*NP~
MSG*TXT NBR: 000236072              REPORTED TO:                 EDIT TIME: 22:14:07    *SS~
MSG*                                YOUR COMPANY NAME                                   *SS~
MSG*                                YOUR ID: ???????????                                *SS~
MSG*                THE FOLLOWING INVOICES HAVE BEEN REJECTED DUE TO                     *DS~
MSG*               VIOLATION(S) OF THE HOME DEPOT MAPPING SPECIFICATIONS.                *SS~
MSG*            YOU MUST CORRECT AND RETRANSMIT UTILIZING THE SAME INVOICE               *SS~
MSG*          NUMBER WITHIN 5 BUSINESS DAYS.  OTHERWISE, THESE REJECTED                  *SS~
MSG*         INVOICES WILL BE DELETED FROM OUR SYSTEM AND WILL NOT BE                    *SS~
MSG*                                PAID.                                                *SS~
MSG*         IF YOU CANNOT CORRECT AND RETRANSMIT THE INVOICE(S) IN                      *DS~
MSG*       ERROR, NOTIFY YOUR EDI PRODUCTION SUPPORT CONTACT OR CALL                     *SS~
MSG*               THE EDI HOTLINE AT (770) 433-8211 EXTENSION 10036.                    *SS~
MSG*                   INVOICE NUMBER E R R O R M E S S A G E                            *DS~
MSG*                INVOICE NUMBER ED05 INVALID STORE NUMBER RECEIVED
*SS~
SE*19*000200924~
GE*1*58~
IEA*1*6335~
```

NOTES:

- *This example represents all segments and elements that Home Depot maps. Please refer to the 864 error code listing for additional explanations.*

THE HOME DEPOT

864 ASN 4060 Example

```
ISA*00*          *00*          *14*0722717110100  *01*005080465      *100215*2332*|*00406*000074020*0*P*>.
GS*TX*072271711*005080465*20100215*2332*161*X*004060.
ST*864*000000164.
BMG*18*SH20100215101746000001.
DTM*038*CCYYMMDD*                (Current Requested Ship Date)
DTM*002*CCYYMMDD*                (Current Estimated Delivery Date)
N1*ST**FA*5965*                  (4-Digit Home Depot Location number)
MIT*SH20100215101746000001*8-Digit PO #*80*55.  (PO number)
MSG*                HOME DEPOT MISSING ASN NOTIFICATION                                                    *DS.
MSG*TXT ID: SH20100215101746000001    REPORTED TO:                                                         *SS.
MSG*                YOUR COMPANY NAME HERE                                                                 *SS.
MSG*    SENDER ID: 005080465                                                VENDOR NBR 123456              *DS.
MSG*WE HAVE NOT RECEIVED YOUR ASN BY OUR EXPECTED SHIP DATE. WE WILL NEED THE ASN  *SS.
MSG*OR A RESPONSE WITHIN 12 HOURS.  IF NOT, YOU WILL RECEIVE ANOTHER 864 MESSAGE.        *SS.
MSG*IF YOU CANNOT SHIP THE ENCLOSED PURCHASE ORDER, PLEASE CONTACT THE CSR AT          *SS.
MSG*XXX-XXX-XXXX OR BY SENDING AN E-MAIL TO XXXXXXXXXXXX@HOMEDEPOT.COM            *SS.
MSG*WITH THE EXPECTED SHIP DATE                  *SS.
SE*16*000000164.
GE*1*161.
IEA*1*000074020.
```

THE HOME DEPOT

EDI 870

Order Status Report

870 Order Status

Author: The Home Depot
Company: The Home Depot
Modified: 9/28/2010

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870 Order Status Report

Functional Group=RS

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
LOOP ID - PO1					**1000**		
1500	PO1	Baseline Item Data	O	1			Must use
LOOP ID - ISR					**104**		
2100	ISR	Item Status Report	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
		CodeList Summary (Total Codes: 7, Included: 1)				
		Code **Name**				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		CodeList Summary (Total Codes: 41, Included: 1)				
		Code **Name**				
		14 Duns Plus Suffix				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

CodeList Summary (Total Codes: 12, Included: 2)

Code	Name
072271711 CANP	Canada Production
072271711 USAP	US Production

ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I65	**Repetition Separator**	M		1/1	Must use

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

CodeList Summary (Total Codes: 6, Included: 6)

Code	Name
!	Exclamation Point
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 18, Included: 1)

Code	Name
~~00406~~	~~Stand~~ards Approved for Publication by ASC X12 Procedures Review Board through October 2002

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 262, Included: 1)				
		Code **Name**				
		RS Order Status Information (869, 870)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
		CodeList Summary (Total Codes: 7, Included: 2)				
		Code **Name**				
		072271711 CANP Canada Production				
		072271711 USAP US Production				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		X Accredited Standards Committee X12				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 49, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 316, Included: 1)				
		Code **Name**				
		870 Order Status Report				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code**	M	ID	1/2	Must use
		Description: Code indicating the reason for sending the report				
		CodeList Summary (Total Codes: 12, Included: 1)				
		Code **Name**				
		4 Response to Requisition				
		Description: *Current status data is provided based upon the processing of an outstanding requisition*				
BSR02	847	**Order/Item Code**	M	ID	1/2	Must use
		Description: Code identifying a group of orders and items				
		CodeList Summary (Total Codes: 8, Included: 1)				
		Code **Name**				
		PA Selected Orders - All Items				
BSR03	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
BSR04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop Reference Information

Pos: 0460 **Repeat: >1**
Optional
Loop: REF **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		MR Merchandise Type Code				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop Hierarchical Level

Pos: 0100 Repeat: 1000
Mandatory
Loop: HL Elements: N/A

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		O Order				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use
Purpose: To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
PRF04	373	**Date**	O	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
PRF07	92	**Purchase Order Type Code**	O	ID	2/2	Used
		Description: Code specifying the type of Purchase Order				
		CodeList Summary (Total Codes: 76, Included: 1)				
		Code **Name**				
		NE New Order				

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop Hierarchical Level

Pos: 0100 Repeat: 1000
Mandatory
Loop: HL Elements: N/A

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1500		Loop PO1	O		1000	Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		I Item				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Loop Baseline Item Data

Pos: 1500 Repeat: 1000
Optional
Loop: PO1 Elements: N/A

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	PO1	Baseline Item Data	O	1		Must use
2100		Loop ISR	O		104	Must use

PO1 Baseline Item Data

Pos: 1500	Max: 1
Detail - Optional	
Loop: PO1	Elements: 10

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *PO Line Number. Must use this number to refer back to Purchase Order or PO Change. Will be used for matching line items back to Order.*				
PO102	380	**Quantity**	X	R	1/15	Must use
		Description: Numeric value of quantity				
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
PO104	212	**Unit Price**	X	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
PO106	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1) **Code** **Name** VP Vendor's (Seller's) Part Number				
PO107	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service				
PO108	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1) **Code** **Name** SK Home Depot Article Number				
PO109	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO110	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

CodeList Summary (Total Codes: 519, Included: 1)

Code	Name
UP	UCC - 12

Description: *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

PO111	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop Item Status Report

Pos: 2100 **Repeat: 104**
Optional
Loop: ISR **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2100	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 2100	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use
Purpose: To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code**	M	ID	2/2	Must use

Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

The Home Depot Requirements: *For Qualifier IN - must map "Estimated Delivery Date" in ISR02.*

CodeList Summary (Total Codes: 102, Included: 4)

Code	Name
BK	Back Ordered from Previous Order
CC	Shipment Complete on (Date)
DI	Discontinued
IN	In Process

ISR02	373	**Date**	O	DT	8/8	Must use

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

The Home Depot Requirements: *Estimated Delivery Date.*

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

870 Order Status - Shipment

Author: The Home Depot
Company: The Home Depot
Modified: 10/13/2010

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870 Order Status Report

Functional Group=RS

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
0440	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Used
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
0460	REF	Reference Information	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
LOOP ID - PO1					**1000**		
1500	PO1	Baseline Item Data	O	1			Must use
LOOP ID - ISR					**104**		
2100	ISR	Item Status Report	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
		CodeList Summary (Total Codes: 7, Included: 1)				
		Code **Name**				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		CodeList Summary (Total Codes: 41, Included: 1)				
		Code **Name**				
		14 Duns Plus Suffix				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

CodeList Summary (Total Codes: 12, Included: 2)

Code	Name
072271711 CANP	Canada Production
072271711 USAP	US Production

ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I65	**Repetition Separator**	M		1/1	Must use

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

CodeList Summary (Total Codes: 6, Included: 6)

Code	Name
!	Exclamation Point
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 18, Included: 1)

Code	Name
~~00406~~	~~Stand~~ards Approved for Publication by ASC X12 Procedures Review Board through October 2002

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 262, Included: 1)				
		Code **Name**				
		RS Order Status Information (869, 870)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
		CodeList Summary (Total Codes: 7, Included: 2)				
		Code **Name**				
		072271711 CANP Canada Production				
		072271711 USAP US Production				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		X Accredited Standards Committee X12				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 49, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 316, Included: 1)				
		Code **Name**				
		870 Order Status Report				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code**	M	ID	1/2	Must use
		Description: Code indicating the reason for sending the report				
		CodeList Summary (Total Codes: 12, Included: 1)				
		Code **Name**				
		4 Response to Requisition				
		Description: *Current status data is provided based upon the processing of an outstanding requisition*				
BSR02	847	**Order/Item Code**	M	ID	1/2	Must use
		Description: Code identifying a group of orders and items				
		CodeList Summary (Total Codes: 8, Included: 1)				
		Code **Name**				
		PA Selected Orders - All Items				
BSR03	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		The Home Depot Requirements: *Vendor confirmation Number assigned to PO for order inquiries.*				
BSR04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 0440	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 243, Included: 1)				
		Code **Name**				
		2 Standard Carrier Alpha Code (SCAC)				
TD503	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		The Home Depot Requirements: *Carrier's SCAC as assigned by NMFTA.*				

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Loop Reference Information

Pos: 0460 **Repeat: >1**
Optional
Loop: REF **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use
0460	REF	Reference Information	O	1		Used

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		MR Merchandise Type Code				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		The Home Depot Requirements: *Home Depot assigned vendor number*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		CN Carrier's Reference Number (PRO/Invoice)				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop Hierarchical Level

Pos: 0100 Repeat: 1000
Mandatory
Loop: HL Elements: N/A

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		O Order				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use
Purpose: To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
PRF04	373	**Date**	O	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
PRF07	92	**Purchase Order Type Code**	O	ID	2/2	Used
		Description: Code specifying the type of Purchase Order				
		CodeList Summary (Total Codes: 76, Included: 1)				
		Code **Name**				
		NE New Order				

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop Hierarchical Level

Pos: 0100 Repeat: 1000
Mandatory
Loop: HL Elements: N/A

User Option (Usage): Must use
Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1500		Loop PO1	O		1000	Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		I Item				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Loop Baseline Item Data

Pos: 1500 Repeat: 1000
Optional
Loop: PO1 Elements: N/A

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	PO1	Baseline Item Data	O	1		Must use
2100		Loop ISR	O		104	Must use

PO1 Baseline Item Data

Pos: 1500	Max: 1
Detail - Optional	
Loop: PO1	Elements: 10

User Option (Usage): Must use
Purpose: To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *PO Line Number. Must use this number to refer back to Purchase Order or PO Change. Will be used for matching line items back to Order.*				
PO102	380	**Quantity**	X	R	1/15	Must use
		Description: Numeric value of quantity				
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
PO104	212	**Unit Price**	X	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
PO106	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** VP Vendor's (Seller's) Part Number				
PO107	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO108	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** SK Home Depot Article Number				
PO109	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO110	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

CodeList Summary (Total Codes: 519, Included: 1)

Code	Name
UP	UCC - 12

Description: *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

PO111	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop Item Status Report

Pos: 2100 **Repeat: 104**
Optional
Loop: ISR **Elements: N/A**

User Option (Usage): Must use
Purpose: To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2100	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 2100	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use
Purpose: To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code**	M	ID	2/2	Must use
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **The Home Depot Requirements:** *Must map "Shipped Date" in ISR02.*				
		CodeList Summary (Total Codes: 102, Included: 2) **Code** **Name** CC Shipment Complete on (Date) IN In Process				
ISR02	373	**Date**	O	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Shipped Date.*				

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - ISR					**104**		
0300	ISR	Item Status Report	O	1			Must use
0700	PER	Administrative Communications Contact	O	3			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

This 870 Order Status "AP" is sent at the Order Level when the order is allocated to production. At this point, the order is "frozen". If the customer requests that the order be cancelled after this point, the store assocaite will follow the existing return process.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **Code** **Name** 072271711 Canada Test CANC	M	AN	15/15	Must use

		Code **Name** 072271711 CANP Canada Production 072271711 USAC US Test 072271711 USAP US Production				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 887-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RS Order Status Information (869, 870)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100 Max: 1
Heading - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 870 Order Status Report	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code** **Description:** Code indicating the reason for sending the report **Code** **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition	M	ID	1/2	Must use
BSR02	847	**Order/Item Code** **Description:** Code identifying a group of orders and items **Code** **Name** PA Selected Orders - All Items	M	ID	1/2	Must use
BSR03	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Vendor Confirmation Number*	M	AN	1/50	Must use
BSR04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop REF

Pos: 0460	Repeat: >1
Optional	
Loop: REF	Elements: N/A

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Merchandise Vendor Number as assigned by The Home Depot*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use
0300		Loop ISR	O		104	Must use
0700	PER	Administrative Communications Contact	O	3		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** O Order	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *Home Depot Purchase Order Number*	M	AN	1/22	Must use
PRF04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
PRF07	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** OS Special Order	O	ID	2/2	Used

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop ISR

Pos: 0300 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** AP Allocation	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

PER Administrative Communications Contact

Pos: 0700 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** OC Order Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Name of individual at supplier that the store can contact regarding order questions.*	O	AN	1/60	Used

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of HL Segments*	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
0440	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
0460	REF	Reference Information	O	1			Must use
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - ISR					**104**		
0300	ISR	Item Status Report	O	1			Must use
0700	PER	Administrative Communications Contact	O	3			Must use
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
LOOP ID - PO1					**1000**		
1500	PO1	Baseline Item Data	O	1			Must use
LOOP ID - ISR					**104**		
2100	ISR	Item Status Report	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total

(CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

This 870 Order Status "CC" is sent at the Order Level when the order is shipped. Detail information is also required at the item level to illustrate the items included in the shipment. The carrier ID and freight bill numbers will also be included at the order level.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **Code** **Name** 072271711 Canada Test CANC	M	AN	15/15	Must use

		Code **Name** 072271711 CANP Canada Production 072271711 USAC US Test 072271711 USAP US Production				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RS Order Status Information (869, 870)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 870 Order Status Report	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code** **Description:** Code indicating the reason for sending the report **Code** **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition	M	ID	1/2	Must use
BSR02	847	**Order/Item Code** **Description:** Code identifying a group of orders and items **Code** **Name** PA Selected Orders - All Items	M	ID	1/2	Must use
BSR03	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Vendor Confirmation Number*	M	AN	1/50	Must use
BSR04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 0440 **Max: 1**
Heading - Optional
Loop: N/A **Elements: 3**

User Option (Usage): Must use

To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 2 Standard Carrier Alpha Code (SCAC)	X	ID	1/2	Must use
TD503	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *Standard Carrier Alpha Code (SCAC)*	X	AN	2/80	Must use
TD505	387	**Routing** **Description:** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity **The Home Depot Requirements:** *Carrier Name*	X	AN	1/35	Must use

Syntax:

1. R0204050612 - At least one of TD502,TD504,TD505,TD506,TD512 is required
2. C0203 - If TD502 is present, then all of TD503 are required
3. C0708 - If TD507 is present, then all of TD508 are required
4. C1011 - If TD510 is present, then all of TD511 are required
5. C1312 - If TD513 is present, then all of TD512 are required
6. C1413 - If TD514 is present, then all of TD513 are required
7. C1512 - If TD515 is present, then all of TD512 are required

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Loop REF

Pos: 0460 Repeat: >1
Optional
Loop: REF Elements: N/A

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use
0460	REF	Reference Information	O	1		Must use
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460 Max: 1
Heading - Optional
Loop: REF Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** BM Bill of Lading Number	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Bill of Lading Number*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** CN Carrier's Reference Number (PRO/Invoice)	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Pro Number / Freight Bill Number*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Merchandise Vendor Number as assigned by The Home Depot*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use
0300		Loop ISR	O		104	Must use
0700	PER	Administrative Communications Contact	O	3		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** O Order	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200 **Max: 1**
Detail - Optional
Loop: HL **Elements: 3**

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *Home Depot Purchase Order Number*	M	AN	1/22	Must use
PRF04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
PRF07	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** OS Special Order	O	ID	2/2	Used

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop ISR

Pos: 0300 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** CC Shipment Complete on (Date)	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Shipped Date*	O	DT	8/8	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

PER Administrative Communications Contact

Pos: 0700 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** OC Order Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Name of individual at supplier that the store can contact regarding order questions.*	O	AN	1/60	Must use

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1500		Loop PO1	O		1000	Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** I Item	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Loop PO1

Pos: 1500	Repeat: 1000
Optional	
Loop: PO1	Elements: N/A

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	PO1	Baseline Item Data	O	1		Must use
2100		Loop ISR	O		104	Must use

PO1 Baseline Item Data

Pos: 1500	Max: 1
Detail - Optional	
Loop: PO1	Elements: 7

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *Sequence Number. Must correspond with the line item sequence number provided on the Purchase Order.*	O	AN	1/20	Must use
PO102	380	**Quantity** **Description:** Numeric value of quantity	X	R	1/15	Must use
PO103	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**	O	ID	2/2	Used
PO106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO107	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use
PO108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO109	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use

Syntax:

1. C0302 - If PO103 is present, then all of PO102 are required
2. C0504 - If PO105 is present, then all of PO104 are required
3. P0607 - If either PO106,PO107 is present, then all are required
4. P0809 - If either PO108,PO109 is present, then all are required
5. P1011 - If either PO110,PO111 is present, then all are required
6. P1213 - If either PO112,PO113 is present, then all are required
7. P1415 - If either PO114,PO115 is present, then all are required
8. P1617 - If either PO116,PO117 is present, then all are required
9. P1819 - If either PO118,PO119 is present, then all are required
10. P2021 - If either PO120,PO121 is present, then all are required
11. P2223 - If either PO122,PO123 is present, then all are required
12. P2425 - If either PO124,PO125 is present, then all are required

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop ISR

Pos: 2100 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2100	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 2100	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **The Home Depot Requirements:** *The CC status code represents items that have been shipped.* *The IN status code represents items that have been back ordered.* *A subsequent 870 CC Order Status transaction should be sent when the back ordered items have been shipped.* **Code** **Name** CC Shipment Complete on (Date) IN In Process	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Used

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of HL Segments*	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - ISR					**104**		
0300	ISR	Item Status Report	O	1			Must use
0700	PER	Administrative Communications Contact	O	3			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

This 870 Order Status "DE" is sent at the Order Level when on order is deleted after receiving an 850 cancellation due to a Home Depot or customer initiated cancel. This status provides The Home Depot with confirmation that the partner has received and processed the order cancellation.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **Code** **Name** 072271711 Canada Test CANC	M	AN	15/15	Must use

		Code **Name** 072271711 CANP Canada Production 072271711 USAC US Test 072271711 USAP US Production				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RS Order Status Information (869, 870)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100 Max: 1
Heading - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code Name** 870 Order Status Report	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code** **Description:** Code indicating the reason for sending the report **Code** **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition	M	ID	1/2	Must use
BSR02	847	**Order/Item Code** **Description:** Code identifying a group of orders and items **Code** **Name** PA Selected Orders - All Items	M	ID	1/2	Must use
BSR03	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Vendor Confirmation Number*	M	AN	1/50	Must use
BSR04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop REF

Pos: 0460	Repeat: >1
Optional	
Loop: REF	Elements: N/A

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Merchandise Vendor Number as assigned by The Home Depot*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use
0300		Loop ISR	O		104	Must use
0700	PER	Administrative Communications Contact	O	3		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** O Order	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *Home Depot Purchase Order Number*	M	AN	1/22	Must use
PRF04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
PRF07	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order	O	ID	2/2	Used

Code	Name
OS	Special Order
PR	Promotion
RA	Release Against Assortment
RC	Retailer Pre-commitment
RE	Reorder
RL	Release or Delivery Order **Description:** An order for goods and services placed against a pre-existing contract or blanket order
RN	Renewal Order
RO	Rush Order
RR	Repair and Return
RT	Rental
RU	Record Update Service **Description:** Service orders for customer-requested changes to the service provider's records that do not require installation or movement of equipment
RW	Resume Work Order
SA	Stand-alone Order
SO	Shipped Order
SP	Sample
SS	Supply or Service Order
ST	Standing Order
SW	Stop Work
TC	Toll Conversion Order
TM	Time & Materials
TR	Termination
UD	Unit Down **Description:** Critical unit is down. This is the highest priority
UE	Unit Exchange
US	Urgent Service Request
WO	Warranty Order
ZZ	Mutually Defined

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop ISR

Pos: 0300 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** DE Deleted Order	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

PER Administrative Communications Contact

Pos: 0700 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** OC Order Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Name of individual at supplier that the store can contact regarding order questions.*	O	AN	1/60	Must use

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of HL Segments*	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - ISR					**104**		
0300	ISR	Item Status Report	O	1			Must use
0700	PER	Administrative Communications Contact	O	3			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

This 870 Order Status "EX" should be used when the partner contacts the customer directly and the customer has requested a future delivery date.

If the "AP" Order Status has already been received and the Purchase Order is already frozen, it will remain frozen.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **Code** **Name** 072271711 Canada Test CANC	M	AN	15/15	Must use

		Code **Name** 072271711 CANP Canada Production 072271711 USAC US Test 072271711 USAP US Production				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RS Order Status Information (869, 870)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 870 Order Status Report	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code** **Description:** Code indicating the reason for sending the report **Code** **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition	M	ID	1/2	Must use
BSR02	847	**Order/Item Code** **Description:** Code identifying a group of orders and items **Code** **Name** PA Selected Orders - All Items	M	ID	1/2	Must use
BSR03	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Vendor Confirmation Number*	M	AN	1/50	Must use
BSR04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop REF

Pos: 0460	Repeat: >1
Optional	
Loop: REF	Elements: N/A

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Merchandise Vendor Number as assigned by The Home Depot*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use
0300		Loop ISR	O		104	Must use
0700	PER	Administrative Communications Contact	O	3		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** O Order	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200 **Max: 1**
Detail - Optional
Loop: HL **Elements: 3**

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *Home Depot Purchase Order Number*	M	AN	1/22	Must use
PRF04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
PRF07	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** OS Special Order	O	ID	2/2	Used

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop ISR

Pos: 0300 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Optional	
Loop: ISR	Elements: 3

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** EX Expect to Deliver by	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
ISR03	641	**Status Reason Code** **Description:** Code indicating the status reason **Code** **Name** A17 Customer Requested Future Delivery **Description:** Delay in delivery per the customer's (consignee's) request	O	ID	3/3	Used

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

PER Administrative Communications Contact

Pos: 0700 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** OC Order Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Name of individual at supplier that the store can contact regarding order questions.*	O	AN	1/60	Must use

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of HL Segments*	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - ISR					**104**		
0300	ISR	Item Status Report	O	1			Must use
0700	PER	Administrative Communications Contact	O	3			Must use
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
LOOP ID - PO1					**1000**		
1500	PO1	Baseline Item Data	O	1			Must use
LOOP ID - ISR					**104**		
2100	ISR	Item Status Report	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

This 870 Order Status (for Reschedule due to Out of Stock) must be used when one of the line items has a

different delivery date than originally requested, all items must be transmitted to identify the cause of the items that caused the delay in the delivery dates. The partner should maintain the original dates for items that were not impacted by the change. The Order Level Date will reflect the latest date. The partner should proceed with the order unless an order cancellation is received in response to the delay. If the delivery date will be earlier than expected, the "EX" Order Status should not be sent.

Orders will not be removed from the frozen status when a delay in the Expected Arrival Date is communicated after the "AP" Order Status is received.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **Code** **Name** 072271711 Canada Test CANC	M	AN	15/15	Must use

		Code **Name** 072271711 CANP Canada Production 072271711 USAC US Test 072271711 USAP US Production				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RS Order Status Information (869, 870)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 870 Order Status Report	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code** **Description:** Code indicating the reason for sending the report **Code** **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition	M	ID	1/2	Must use
BSR02	847	**Order/Item Code** **Description:** Code identifying a group of orders and items **Code** **Name** PA Selected Orders - All Items	M	ID	1/2	Must use
BSR03	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Vendor Confirmation Number*	M	AN	1/50	Must use
BSR04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop REF

Pos: 0460	Repeat: >1
Optional	
Loop: REF	Elements: N/A

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Merchandise Vendor Number as assigned by The Home Depot*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500 Repeat: 200
Optional
Loop: N1 Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use
0300		Loop ISR	O		104	Must use
0700	PER	Administrative Communications Contact	O	3		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** O Order	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200 Max: 1
Detail - Optional
Loop: HL Elements: 3

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *Home Depot Purchase Order Number*	M	AN	1/22	Must use
PRF04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
PRF07	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** OS Special Order	O	ID	2/2	Used

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop ISR

Pos: 0300 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** EX Expect to Deliver by	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **The Home Depot Requirements:** *Expected Arrival Date*	O	DT	8/8	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

PER Administrative Communications Contact

Pos: 0700 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** OC Order Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Name of individual at supplier that the store can contact regarding order questions.*	O	AN	1/60	Must use

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1500		Loop PO1	O		1000	Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** I Item	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Loop PO1

Pos: 1500	Repeat: 1000
Optional	
Loop: PO1	Elements: N/A

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	PO1	Baseline Item Data	O	1		Must use
2100		Loop ISR	O		104	Must use

PO1 Baseline Item Data

Pos: 1500	Max: 1
Detail - Optional	
Loop: PO1	Elements: 5

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *Sequence Number. Must correspond with the line item sequence number provided on the Purchase Order.*	O	AN	1/20	Must use
PO106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO107	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use
PO108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO109	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use

Syntax:

1. C0302 - If PO103 is present, then all of PO102 are required
2. C0504 - If PO105 is present, then all of PO104 are required
3. P0607 - If either PO106,PO107 is present, then all are required
4. P0809 - If either PO108,PO109 is present, then all are required
5. P1011 - If either PO110,PO111 is present, then all are required
6. P1213 - If either PO112,PO113 is present, then all are required
7. P1415 - If either PO114,PO115 is present, then all are required
8. P1617 - If either PO116,PO117 is present, then all are required
9. P1819 - If either PO118,PO119 is present, then all are required
10. P2021 - If either PO120,PO121 is present, then all are required
11. P2223 - If either PO122,PO123 is present, then all are required
12. P2425 - If either PO124,PO125 is present, then all are required

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color,

Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop ISR

Pos: 2100 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2100	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 2100	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** DS Out Of Stock Condition IN In Process	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of HL Segments*	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - ISR					**104**		
0300	ISR	Item Status Report	O	1			Must use
0700	PER	Administrative Communications Contact	O	3			Must use
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
LOOP ID - PO1					**1000**		
1500	PO1	Baseline Item Data	O	1			Must use
LOOP ID - ISR					**104**		
2100	ISR	Item Status Report	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

This 870 Order Status "IN" is generated if the Expediter is in agreement with the cost correction, the cost will be

adjusted and an Outbound Order Status, with the "REJ" Reason Code removed, will be transmitted to the partner to communicate the cost correction.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element **Code** **Name** 072271711CANC Canada Test 072271711CANP Canada Production 072271711USAC US Test 072271711USAP US Production	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them	M	AN	15/15	Must use
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RS Order Status Information (869, 870)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100 Max: 1
Heading - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code Name** 870 Order Status Report	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code** **Description:** Code indicating the reason for sending the report **Code** **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition	M	ID	1/2	Must use
BSR02	847	**Order/Item Code** **Description:** Code identifying a group of orders and items **Code** **Name** PA Selected Orders - All Items	M	ID	1/2	Must use
BSR03	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Vendor Confirmation Number*	M	AN	1/50	Must use
BSR04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop REF

Pos: 0460	Repeat: >1
Optional	
Loop: REF	Elements: N/A

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Merchandise Vendor Number as assigned by The Home Depot*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use
0300		Loop ISR	O		104	Must use
0700	PER	Administrative Communications Contact	O	3		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** O Order	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *Home Depot Purchase Order Number*	M	AN	1/22	Must use
PRF04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
PRF07	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** OS Special Order	O	ID	2/2	Used

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop ISR

Pos: 0300 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** IN In Process	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

PER Administrative Communications Contact

Pos: 0700 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** OC Order Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Name of individual at supplier that the store can contact regarding order questions.*	O	AN	1/60	Must use

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1500		Loop PO1	O		1000	Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** I Item	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Loop PO1

Pos: 1500	Repeat: 1000
Optional	
Loop: PO1	Elements: N/A

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	PO1	Baseline Item Data	O	1		Must use
2100		Loop ISR	O		104	Must use

PO1 Baseline Item Data

Pos: 1500	Max: 1
Detail - Optional	
Loop: PO1	Elements: 7

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *The PO101 represents the line item sequence number.*	O	AN	1/20	Must use
PO102	380	**Quantity** **Description:** Numeric value of quantity	X	R	1/15	Must use
PO104	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **The Home Depot Requirements:** *Will reflect corrected cost*	X	R	1/17	Must use
PO106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO107	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use
PO108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO109	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use

Syntax:

1. C0302 - If PO103 is present, then all of PO102 are required
2. C0504 - If PO105 is present, then all of PO104 are required
3. P0607 - If either PO106,PO107 is present, then all are required
4. P0809 - If either PO108,PO109 is present, then all are required
5. P1011 - If either PO110,PO111 is present, then all are required
6. P1213 - If either PO112,PO113 is present, then all are required
7. P1415 - If either PO114,PO115 is present, then all are required
8. P1617 - If either PO116,PO117 is present, then all are required
9. P1819 - If either PO118,PO119 is present, then all are required
10. P2021 - If either PO120,PO121 is present, then all are required
11. P2223 - If either PO122,PO123 is present, then all are required
12. P2425 - If either PO124,PO125 is present, then all are required

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop ISR

Pos: 2100 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2100	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 2100	Max: 1
Detail - Optional	
Loop: ISR	Elements: 1

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** IN In Process	M	ID	2/2	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of HL Segments*	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - ISR					**104**		
0300	ISR	Item Status Report	O	1			Must use
0700	PER	Administrative Communications Contact	O	3			Must use
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
LOOP ID - PO1					**1000**		
1500	PO1	Baseline Item Data	O	1			Must use
LOOP ID - ISR					**104**		
2100	ISR	Item Status Report	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

This 870 Order Status (for Invalid or Insufficient Information) and Reason Code combination should be used when

a Reject condition occurs. All detail information on all items must be transmitted with the appropriate item Status and Reason Codes to indicate invalid item information. This Order Level Status and Reason Code combination will require Item Level Status and Reason Codes as well to further define the issue.

This 870 Order Status and Reason Code combination should be used when the product attribute descriptions are inaccurate or incomplete. When this condition exsists, the partner should transmit the 870 to communicate the Reject condition and no longer proceed with the order. The store will issue a cancellation 850, at which time, the partner should issue a "DE" 870.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **Code** **Name** 072271711 Canada Test CANC	M	AN	15/15	Must use

		Code **Name** 072271711 CANP Canada Production 072271711 USAC US Test 072271711 USAP US Production				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RS Order Status Information (869, 870)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				
		Code **Name**				
		004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 870 Order Status Report	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code** **Description:** Code indicating the reason for sending the report **Code** **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition	M	ID	1/2	Must use
BSR02	847	**Order/Item Code** **Description:** Code identifying a group of orders and items **Code** **Name** PA Selected Orders - All Items	M	ID	1/2	Must use
BSR03	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Vendor Confirmation Number*	M	AN	1/50	Must use
BSR04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop REF

Pos: 0460	Repeat: >1
Optional	
Loop: REF	Elements: N/A

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Merchandise Vendor Number as assigned by The Home Depot*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use
0300		Loop ISR	O		104	Must use
0700	PER	Administrative Communications Contact	O	3		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** O Order	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200 **Max: 1**
Detail - Optional
Loop: HL **Elements: 3**

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *Home Depot Purchase Order Number*	M	AN	1/22	Must use
PRF04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
PRF07	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** OS Special Order	O	ID	2/2	Used

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop ISR

Pos: 0300 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Optional	
Loop: ISR	Elements: 3

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** IN In Process	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
ISR03	641	**Status Reason Code** **Description:** Code indicating the status reason **Code** **Name** REJ Rejected - Insufficient or Incorrect Information	O	ID	3/3	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

PER Administrative Communications Contact

Pos: 0700 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** OC Order Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Name of individual at supplier that the store can contact regarding order questions.*	O	AN	1/60	Must use

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1500		Loop PO1	O		1000	Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** I Item	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Loop PO1

Pos: 1500	Repeat: 1000
Optional	
Loop: PO1	Elements: N/A

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	PO1	Baseline Item Data	O	1		Must use
2100		Loop ISR	O		104	Must use

PO1 Baseline Item Data

Pos: 1500	Max: 1
Detail - Optional	
Loop: PO1	Elements: 5

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *Sequence Number. Must correspond with the line item sequence number provided on the Purchase Order.*	O	AN	1/20	Must use
PO106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO107	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use
PO108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO109	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use

Syntax:

1. C0302 - If PO103 is present, then all of PO102 are required
2. C0504 - If PO105 is present, then all of PO104 are required
3. P0607 - If either PO106,PO107 is present, then all are required
4. P0809 - If either PO108,PO109 is present, then all are required
5. P1011 - If either PO110,PO111 is present, then all are required
6. P1213 - If either PO112,PO113 is present, then all are required
7. P1415 - If either PO114,PO115 is present, then all are required
8. P1617 - If either PO116,PO117 is present, then all are required
9. P1819 - If either PO118,PO119 is present, then all are required
10. P2021 - If either PO120,PO121 is present, then all are required
11. P2223 - If either PO122,PO123 is present, then all are required
12. P2425 - If either PO124,PO125 is present, then all are required

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color,

Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop ISR

Pos: 2100 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2100	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 2100	Max: 1
Detail - Optional	
Loop: ISR	Elements: 3

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **The Home Depot Requirements:** *The ID status code should be used to for the line item(s) that are causing the reject condition.* *The IN status code should be used for line items that are accurate.* *NOTE: The use of the IN status is optional. It is acceptable to map only the line item(s) that are causing the reject.* **Code** **Name** ID Insufficient Information IN In Process	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Used
ISR03	641	**Status Reason Code** **Description:** Code indicating the status reason **Code** **Name** REJ Rejected - Insufficient or Incorrect Information	O	ID	3/3	Used

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of HL Segments*	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - ISR					**104**		
0300	ISR	Item Status Report	O	1			Must use
0700	PER	Administrative Communications Contact	O	3			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

This 870 Order Status "IN" is generated at the Order Level once a detailed review of the order has been performed. Price, Item and Delivery date exceptions have been confirmed. If the order is accepted with no change, only an order level status is needed to "confirm" that the partner can fill the order as expected.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **Code** **Name** 072271711 Canada Test CANC	M	AN	15/15	Must use

		Code **Name** 072271711 CANP Canada Production 072271711 USAC US Test 072271711 USAP US Production				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RS Order Status Information (869, 870)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				
		Code **Name**				
		004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 870 Order Status Report	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code** **Description:** Code indicating the reason for sending the report **Code** **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition	M	ID	1/2	Must use
BSR02	847	**Order/Item Code** **Description:** Code identifying a group of orders and items **Code** **Name** PA Selected Orders - All Items	M	ID	1/2	Must use
BSR03	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Vendor Confirmation Number*	M	AN	1/50	Must use
BSR04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop REF

Pos: 0460	Repeat: >1
Optional	
Loop: REF	Elements: N/A

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Merchandise Vendor Number as assigned by The Home Depot*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use
0300		Loop ISR	O		104	Must use
0700	PER	Administrative Communications Contact	O	3		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** O Order	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *Home Depot Purchase Order Number*	M	AN	1/22	Must use
PRF04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
PRF07	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** OS Special Order	O	ID	2/2	Used

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop ISR

Pos: 0300 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** IN In Process	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

PER Administrative Communications Contact

Pos: 0700 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** OC Order Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Name of individual at supplier that the store can contact regarding order questions.*	O	AN	1/60	Must use

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of HL Segments*	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - ISR					**104**		
0300	ISR	Item Status Report	O	1			Must use
0700	PER	Administrative Communications Contact	O	3			Must use
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
LOOP ID - PO1					**1000**		
1500	PO1	Baseline Item Data	O	1			Must use
LOOP ID - ISR					**104**		
2100	ISR	Item Status Report	O	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

The Home Depot Requirements:

This 870 Order Status (for Cost Discrepancy) and Reason Code combination should be used when a Reject

condition occurs. All detail information on all items must be transmitted with the appropriate item Status and Reason Codes to indicate invalid cost. This Order Level Status and Reason Code combination will require Item Level Status adn Reason Codes as well to further define the issue.

This 870 Item Level Order Status and Reason Code combination should be used when there is a cost discrepancy that needs to be corrected before the order can be filled. The partner should provide the correct cost within the Order Status document. When The Home Depot receives this Order Status, the Expediter will review the discrepancy. If the Expediter is in agreement with the cost correction, the cost will be adjusted and an Inbound 870 Order Status, with the "REJ" Reason Code removed, will be transmitted to the partner to communicate the cost correction.

If the discrepancy is related to a catalog issue, tha partner should contact our eCatalog hotline. (See Special Order EDI Implementation Guide)

IMPORTANT: When communicating this Reject condition, the partner shoul dnot proceed with the order until The Home Depot returns an Order Status to communicate the cost correction. No subsequent Order Statuses should be sent until the partner is in receipt of the cost correction Order Status.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Code** **Name** 14 Duns Plus Suffix	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **Code** **Name** 072271711 Canada Test CANC	M	AN	15/15	Must use

		Code **Name** 072271711 CANP Canada Production 072271711 USAC US Test 072271711 USAP US Production				
ISA09	I08	**Interchange Date** **Description:** Date of the interchange	M	DT	6/6	Must use
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I65	**Repetition Separator** **Description:** Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator **Code** **Name** : Colon @ At] Bracket ^ Carrot | Pipe **The Home Depot Requirements:** *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.*	M		1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **Code** **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Interchange Usage Indicator** **Description:** Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** RS Order Status Information (869, 870)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners **Code** **Name** 072271711C Canada Production 072271711CANC Canada Certification 072271711USAC US Certification 072271711USAP US Production	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **Code** **Name** 004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 870 Order Status Report	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code** **Description:** Code indicating the reason for sending the report **Code** **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition	M	ID	1/2	Must use
BSR02	847	**Order/Item Code** **Description:** Code identifying a group of orders and items **Code** **Name** PA Selected Orders - All Items	M	ID	1/2	Must use
BSR03	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Vendor Confirmation Number*	M	AN	1/50	Must use
BSR04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop REF

Pos: 0460	Repeat: >1
Optional	
Loop: REF	Elements: N/A

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** MR Merchandise Type Code	M	ID	2/3	Must use
REF02	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **The Home Depot Requirements:** *Merchandise Vendor Number as assigned by The Home Depot*	X	AN	1/50	Must use

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** SN Store	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Must use
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	X	ID	1/2	Must use
N104	67	**Identification Code** **Description:** Code identifying a party or other code **The Home Depot Requirements:** *4-Digit Home Depot Store Number*	X	AN	2/80	Must use

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use
0300		Loop ISR	O		104	Must use
0700	PER	Administrative Communications Contact	O	3		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** O Order	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200 **Max: 1**
Detail - Optional
Loop: HL **Elements: 3**

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **The Home Depot Requirements:** *Home Depot Purchase Order Number*	M	AN	1/22	Must use
PRF04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
PRF07	92	**Purchase Order Type Code** **Description:** Code specifying the type of Purchase Order **Code** **Name** OS Special Order	O	ID	2/2	Used

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop ISR

Pos: 0300 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 0300	Max: 1
Detail - Optional	
Loop: ISR	Elements: 3

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** IN In Process	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Must use
ISR03	641	**Status Reason Code** **Description:** Code indicating the status reason **Code** **Name** REJ Rejected - Insufficient or Incorrect Information	O	ID	3/3	Must use

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

PER Administrative Communications Contact

Pos: 0700 **Max: 3**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Must use

To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **Code** **Name** OC Order Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **The Home Depot Requirements:** *Name of individual at supplier that the store can contact regarding order questions.*	O	AN	1/60	Must use

Syntax:

1. P0304 - If either PER03,PER04 is present, then all are required
2. P0506 - If either PER05,PER06 is present, then all are required
3. P0708 - If either PER07,PER08 is present, then all are required

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1500		Loop PO1	O		1000	Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number** **Description:** A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M	AN	1/12	Must use
HL03	735	**Hierarchical Level Code** **Description:** Code defining the characteristic of a level in a hierarchical structure **Code** **Name** I Item	M	ID	1/2	Must use

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Loop PO1

Pos: 1500	Repeat: 1000
Optional	
Loop: PO1	Elements: N/A

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	PO1	Baseline Item Data	O	1		Must use
2100		Loop ISR	O		104	Must use

PO1 Baseline Item Data

Pos: 1500	Max: 1
Detail - Optional	
Loop: PO1	Elements: 6

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **The Home Depot Requirements:** *Sequence Number. Must correspond with the line item sequence number provided on the Purchase Order.*	O	AN	1/20	Must use
PO104	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **The Home Depot Requirements:** *Cost should only be mapped on the line item for which there is a discrepancy.*	X	R	1/17	Used
PO106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO107	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use
PO108	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code** **Name** SK Stock Keeping Unit (SKU) VP Vendor's (Seller's) Part Number	X	ID	2/2	Must use
PO109	234	**Product/Service ID** **Description:** Identifying number for a product or service	X	AN	1/48	Must use

Syntax:

1. C0302 - If PO103 is present, then all of PO102 are required
2. C0504 - If PO105 is present, then all of PO104 are required
3. P0607 - If either PO106,PO107 is present, then all are required
4. P0809 - If either PO108,PO109 is present, then all are required
5. P1011 - If either PO110,PO111 is present, then all are required
6. P1213 - If either PO112,PO113 is present, then all are required
7. P1415 - If either PO114,PO115 is present, then all are required
8. P1617 - If either PO116,PO117 is present, then all are required
9. P1819 - If either PO118,PO119 is present, then all are required
10. P2021 - If either PO120,PO121 is present, then all are required
11. P2223 - If either PO122,PO123 is present, then all are required
12. P2425 - If either PO124,PO125 is present, then all are required

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop ISR

Pos: 2100 Repeat: 104
Optional
Loop: ISR Elements: N/A

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2100	ISR	Item Status Report	O	1		Must use

ISR Item Status Report

Pos: 2100	Max: 1
Detail - Optional	
Loop: ISR	Elements: 3

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code** **Description:** Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction **Code** **Name** IN In Process	M	ID	2/2	Must use
ISR02	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O	DT	8/8	Used
ISR03	641	**Status Reason Code** **Description:** Code indicating the status reason **Code** **Name** W05 Order Discrepancy	O	ID	3/3	Used

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set **The Home Depot Requirements:** *Number of HL Segments*	M	N0	1/6	Must use

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200 Max: 1
Summary - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

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870 Order Status Report

X12/V4060/870: 870 Order Status Report

Status: Draft

Author: The Home Depot
Modified: 12/11/2006

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870 Order Status Report

Functional Group=RS

This X12 Transaction Set contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSR	Beginning Segment for Order Status Report	M	1			Must use
LOOP ID - REF					**>1**		
0460	REF	Reference Information	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use
0700	N3	Party Location	O	2			Must use
0800	N4	Geographic Location	O	1			Must use
LOOP ID - N1					**200**		
0500	N1	Party Identification	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
0200	PRF	Purchase Order Reference	O	1			Must use
LOOP ID - HL					**1000**		
0100	HL	Hierarchical Level	M	1			Must use
LOOP ID - PO1					**1000**		
1500	PO1	Baseline Item Data	O	1			Must use
1800	PID	Product/Item Description	O	1000			Must use
LOOP ID - ISR					**104**		
2100	ISR	Item Status Report	O	1			Must use
2700	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Must use

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
3000	REF	Reference Information	O	12			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/0100 The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
		Code **Name** 00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
		Code **Name** 00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		Code **Name** 14 Duns Plus Suffix				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Code / **Name** 0722717110100 US Production 072271711CAP Canada Production				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

Code	Name
:	Colon
@	At
]	Bracket
^	Carrot
|	Pipe

The Home Depot Requirements:

This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data. If you need your Repetition Separator added to the list to complete testing, please call Home Depot's Electronic Partnership Development Team at 877-741-0036.

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

Code	Name
00406	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code indicating sender's request for an interchange acknowledgment

Code	Name
0	No Interchange Acknowledgment Requested

ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use

Description: Code indicating whether data enclosed by this interchange envelope is test, production or information

Code	Name
P	Production Data

ISA16	I15	**Component Element Separator**	M	1/1	Must use

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		Code **Name** RS Order Status Information (869, 870)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
		Code **Name** 072271711 US Production 072271711C Canada Production				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		Code **Name** X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		Code **Name** 870 Order Status Report				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSR Beginning Segment for Order Status Report

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

To indicate the beginning of an Order Status Report Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSR01	850	**Status Report Code**	M	ID	1/2	Must use
		Description: Code indicating the reason for sending the report				
		Code **Name** 4 Response to Requisition **Description:** Current status data is provided based upon the processing of an outstanding requisition				
BSR02	847	**Order/Item Code**	M	ID	1/2	Must use
		Description: Code identifying a group of orders and items				
		Code **Name** PA Selected Orders - All Items PP Selected Orders - Selected Items				
BSR03	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		The Home Depot Requirements: *Supplier Confirmation Number* *This number must be unique for each 870, unless it is replacing a previous 870 that errored out in Home Depot's system. The number cannot be greater than 13 digits.*				
BSR04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Semantics:

1. BSR03 indicates a status report document number assigned by the sender.
2. BSR04 indicates the date of this report from the sender.
3. BSR07 indicates the time of this report from the sender.
4. BSR08 indicates a status report document number assigned by the inquirer.
5. BSR09 indicates the date this report was requested from the sender by the inquirer.
6. BSR10 indicates the time this report was requested from the sender by the inquirer.

Loop REF

Pos: 0460 Repeat: >1
Optional
Loop: REF Elements: N/A

User Option (Usage): Must use

To specify identifying information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0460	REF	Reference Information	O	1		Must use

REF Reference Information

Pos: 0460	Max: 1
Heading - Optional	
Loop: REF	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code **Name** MR Merchandise Type Code				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use
0700	N3	Party Location	O	2		Must use
0800	N4	Geographic Location	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code **Name** SF Ship From				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 0700	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information **The Home Depot Requirements:** *Street Address of the Actual Shipping Location*	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 0800	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name **The Home Depot Requirements:** *City of the Actual Shipping Location*				
N402	156	**State or Province Code**	X	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency **The Home Depot Requirements:** *State of the Actual Shipping Location*				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) **The Home Depot Requirements:** *Zip/Postal Code of the Actual Shipping Location*				
N404	26	**Country Code**	X	ID	2/3	Must use
		Description: Code identifying the country **The Home Depot Requirements:** *Country Code of the Actual Shipping Location*				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop N1

Pos: 0500	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0500	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 0500	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code **Name** OB Ordered By				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code **Name** 92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Must use
		Description: Code identifying a party or other code				
		The Home Depot Requirements: *4 Digit Home Depot Store Numer*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	PRF	Purchase Order Reference	O	1		Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				

Code	Name
O	Order

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF Purchase Order Reference

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use

To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
PRF04	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

Loop HL

Pos: 0100	Repeat: 1000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1500		Loop PO1	O		1000	Must use

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 2

User Option (Usage): Must use

To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				

Code	Name
I	Item

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Loop PO1

Pos: 1500 Repeat: 1000
Optional
Loop: PO1 Elements: N/A

User Option (Usage): Must use

To specify basic and most frequently used line item data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1500	PO1	Baseline Item Data	O	1		Must use
1800	PID	Product/Item Description	O	1000		Must use
2100		Loop ISR	O		104	Must use

PO1 Baseline Item Data

Pos: 1500	Max: 1
Detail - Optional	
Loop: PO1	Elements: 9

User Option (Usage): Must use

To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO102	380	**Quantity**	X	R	1/15	Must use
		Description: Numeric value of quantity **The Home Depot Requirements:** *Line Item Quantity Shipped*				
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**				
PO106	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

Code	Name
SK	Stock Keeping Unit (SKU) **The Home Depot Requirements:** *Home Depot's SKU Number*
UP	UCC - 12 **Description:** Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.) **The Home Depot Requirements:** *Product UPC Code*
VP	Vendor's (Seller's) Part Number **The Home Depot Requirements:** *Vendor's Part Number*

PO107	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service				
PO108	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

Code	Name
SK	Stock Keeping Unit (SKU) **The Home Depot Requirements:**

Code	Name
	Home Depot's SKU Number
UP	UCC - 12
	Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)
	The Home Depot Requirements:
	Product UPC Code
VP	Vendor's (Seller's) Part Number
	The Home Depot Requirements:
	Vendor's Part Number

PO109	234	**Product/Service ID**	X	AN	1/48	Must use

Description: Identifying number for a product or service

PO110	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
SK	Stock Keeping Unit (SKU)
	The Home Depot Requirements:
	Home Depot's SKU Number
UP	UCC - 12
	Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)
	The Home Depot Requirements:
	Product UPC Code
VP	Vendor's (Seller's) Part Number
	The Home Depot Requirements:
	Vendor's Part Number

PO111	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Semantics:

1. PO102 is quantity ordered.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

PID Product/Item Description

Pos: 1800	Max: 1000
Detail - Optional	
Loop: PO1	Elements: 2

User Option (Usage): Must use

To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		Code **Name** F Free-form				
PID05	352	**Description**	X	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Loop ISR

Pos: 2100	Repeat: 104
Optional	
Loop: ISR	Elements: N/A

User Option (Usage): Must use

To specify detailed purchase order/item status

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2100	ISR	Item Status Report	O	1		Must use
2700	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		Must use
3000	REF	Reference Information	O	12		Must use

ISR Item Status Report

Pos: 2100	Max: 1
Detail - Optional	
Loop: ISR	Elements: 3

User Option (Usage): Must use

To specify detailed purchase order/item status

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISR01	368	**Shipment/Order Status Code**	M	ID	2/2	Must use
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction				
		Code **Name** BO Back Ordered CC Shipment Complete on (Date) CU Cancelled Line Item				
ISR02	373	**Date**	O	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
ISR03	641	**Status Reason Code**	O	ID	3/3	Used
		Description: Code indicating the status reason				
		The Home Depot Requirements: *The ISR03 must be mapped when the ISR01 contains a CU code.*				
		Code **Name**				
		027 Payment Dispute				
		The Home Depot Requirements: *Invalid Cost*				
		A33 Other Carrier-Related				
		Description: Delivery delay caused by a non-specified carrier related reason				
		The Home Depot Requirements: *Invalid Shipment Method*				
		A80 Item or Service Not Available				
		The Home Depot Requirements: *Unrecognized Part Number*				
		REJ Rejected - Insufficient or Incorrect Information				
		W01 Out of Stock				
		The Home Depot Requirements: *Item No Longer Available*				

Semantics:

1. If ISR01 specifies a date, ISR02 is required.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 2700	Max: 1
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code **Name** 2 Standard Carrier Alpha Code (SCAC)				
TD503	67	**Identification Code**	X	AN	2/80	Must use
		Description: Code identifying a party or other code				
		The Home Depot Requirements: *Standard Carrier Alpha Code (SCAC) as assigned by the National Motor Freight Traffic Asociation.*				

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

The Home Depot Requirements:

The TD5 Segment should only be mapped when the 870 is being used to report a product being shipped.

REF Reference Information

Pos: 3000	Max: 12
Detail - Optional	
Loop: ISR	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code **Name**				
		CN Carrier's Reference Number (PRO/Invoice)				
		The Home Depot Requirements: *Carrier PRO Number/Freight Bill Number Use for LTL/FTL shipments only.*				
		ZH Carrier Assigned Reference Number				
		The Home Depot Requirements: *Small Package Tracking Number*				
REF02	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
CTT02	347	**Hash Total**	O	R	1/10	Used
		Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total				
		The Home Depot Requirements: *Sum of P0102 segments.*				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

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```
ISA*00* *00* *YOUR 2 DIGIT QUALIFIER*YOUR ISA ID*14*072271711USAP
*040211*1105*|*00406*600000001*0*P*>~
GS*RS*YOUR GS ID*072271711USAP*20031008*0628*660000001*X*004060~
ST*870*666000001~
BSR*4*PA*VENDOR CONFIRMATION #*CCYYMMDD~
REF*MR*MERCHANDISE VENDOR #~            (Vendor # Assigned by The Home
Depot)
HL*1**O~
PRF*VALID 10-DIGIT PO#***CCYYMMDD~
HL*2**I~
PO1*10(Line Item # from PO)*1*EA*125.31**VP*YOUR PART #*SK*HD SKU
#*UP*UPC#~
ISR*IN*CCYYMMDD(SHIP DATE)~
HL*3**I~
PO1*20(Line Item # from PO)*1*EA*125.31**VP*YOUR PART#*SK*HD
SKU#*UP*UPC#~
ISR*CC*CCYYMMDD(SHIP DATE)~
CTT*2~                                  (Number of Line Items)
SE*15*666000001~
GE*1*660000001~
IEA*1*600000001~
```

NOTES:

- This example represents all segments and elements that Home Depot maps. Please refer to the 870 specifications for additional conditions regarding when to map the above segments and elements.
- The Canadian example will be the same except for the HD I.D. (072271711CANP) and the Currency (CAD).

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ISA*00* *00* *YOUR 2 DIGIT QUALIFIER*YOUR ISA ID*14*072271711USAP
*040211*1105*|*00406*600000001*0*P*>~
GS*RS*YOUR GS ID*072271711USAP*20031008*0628*660000001*X*004060~
ST*870*666000001~
BSR*4*PA*VENDOR CONFIRMATION #*CCYYMMDD~
TD5**2*UPSN~
REF*MR*MERCHANDISE VENDOR #~ (Vendor # Assigned by The Home
Depot)
REF*CN* CARRIER PRO # OR SMALL PACKAGE TRACKING #
HL*1**O~
PRF*VALID 10-DIGIT PO#***CCYYMMDD~
HL*2**I~
PO1*10(Line Item # from PO)*1*EA*125.31**VP*YOUR PART #*SK*HD SKU
#*UP*UPC#~
ISR*IN*CCYYMMDD(SHIP DATE)~
HL*3**I~
PO1*20(Line Item # from PO)*1*EA*125.31**VP*YOUR PART#*SK*HD
SKU#*UP*UPC#~
ISR*CC*CCYYMMDD(SHIP DATE)~
CTT*2~ (Number of Line Items)
SE*15*666000001~
GE*1*660000001~
IEA*1*600000001~

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Example for AP

ISA*00* *00* * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID* *14*072271711USAP
*990801*0628*|*00406*000000001*0*P*>~
GS*RS* YOUR GS ID *072271711USAP *19990801*0628*001*X*004060~
ST*870*0000001~
BSR*4*PA**VENDOR CONFIRMATION NUMBER**19990801~
REF*MR**12345~* (Merchandising Vendor Number as assigned by Home Depot)
N1*SN*THE HOME DEPOT*92**0121~* (4-digit HD store #)
HL*1**O~
PRF**12345678****19990801****OS~* (8-digit Home Depot PO#)
ISR**AP**19990801~
PER*OC**CONTACT NAME~*
CTT*1~* (Number of HL segments)
SE*10*0000001~
GE*1*001~
IEA*1*000000001~

NOTES:
This status is sent at the Order Level when the order is allocated to production. At this point, the order is "frozen". If the customer requests that the order be cancelled after this point, the store associate will follow the existing return process.

Version 4060 EDI Order Status Report (870)
Example for CC

ISA*00* *00* * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID*14*072271711USAP
*990801*0628*|*00406*000000001*0*P*>~
GS*RS* YOUR GS ID *072271711USAP*19990801*0628*001*X*004060~
ST*870*0000001~
BSR*4*PA**VENDOR CONFIRMATION NUMBER*19990801~
TD5**2* SCAC***CARRIER NAME ~*
REF*BM**BILL OF LADING NUMBER~*
REF*CN**PRO NUMBER / FREIGHT BILL NUMBER ~*
REF*CN**PRO NUMBER / FREIGHT BILL NUMBER ~*
REF*CN**PRO NUMBER / FREIGHT BILL NUMBER ~*
REF*MR**12345~* (Merchandising Vendor Number as assigned by Home Depot)
N1*SN*THE HOME DEPOT*92**0121~* (4-digit HD store #)
HL*1**O~
PRF**12345678****19990801****OS~* (8-digit Home Depot PO#)
ISR**CC**SHIPPED DATE~*
PER*OC**CONTACT NAME~*
HL*2**I~
PO1*1*15*****VP* YOUR PART #*SK* HD SKU #~
ISR*CC~
HL*3**I~
PO1*2*55*****VP* YOUR PART #*SK* HD SKU #~
ISR*IN~
HL*4**I~
PO1*3*30*****VP* YOUR PART #*SK* HD SKU #~
ISR*CC~
CTT*4~* (Number of HL segments)
SE*24*0000001~
GE*1*001~
IEA*1*000000001~

NOTES:
This status is sent at the Order Level when the order is shipped. Detail information is also required at the item level to illustrate the items included in the shipment. The carrier ID and freight bill numbers will also be included at the order level.

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Example for DE

ISA*00* *00* * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID*14*072271711USAP
*990801*0628*|*00406*000000001*0*P*>~
GS*RS* YOUR GS ID *072271711USAP *19990801*0628*001*X*004060~
ST*870*0000001~
BSR*4*PA**VENDOR CONFIRMATION NUMBER**19990801~
REF*MR**12345~* (Merchandising Vendor Number as assigned by Home Depot)
N1*SN*THE HOME DEPOT*92**0121~* (4-digit HD store #)
HL*1**O~
PRF**12345678****19990801****OS~* (8-digit Home Depot PO#)
ISR*DE*19990801~
PER*OC**CONTACT NAME~*
CTT*1~ (Number of HL segments)
SE*10*0000001~
GE*1*001~
IEA*1*000000001~

NOTE:
This status is sent at the Order Level when an order is deleted after receiving an 850 cancellation due to a Home Depot or customer initiated cancel. This status provides The Home Depot with confirmation that the partner has received and processed the order cancellation.

Version 4060 EDI Order Status Report (870)

Example for EX/A17 (Rescheduled to future delivery)

ISA*00* *00* * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID*14*072271711USAP
*990801*0628*|*00406*000000001*0*P*>~
GS*RS* *YOUR GS ID* *072271711USAP *19990801*0628*001*X*004060~
ST*870*0000001~
BSR*4*PA**VENDOR CONFIRMATION NUMBER*19990801~
REF*MR**12345~* (Merchandising Vendor Number as assigned by Home Depot)
N1*SN*THE HOME DEPOT*92**0121~* (4-digit HD store #)
HL*1**O~
PRF**12345678****19990801***OS~* (8-digit Home Depot PO#)
ISR**EX**19990901**A17~* (Future delivery date)
PER*OC**CONTACT NAME~*
CTT*1~ (Number of HL segments)
SE*10*0000001~
GE*1*001~
IEA*1*000000001~

NOTES:
This order level Status Code should be used when the partner contacts the customer directly and the customer has requested a future delivery date. If the AP Order Status has been received and the purchase order is already frozen, it will remain frozen.

Version 4060 EDI Order Status Report (870)

Example for EX/DS (Reschedule due to out of stock)

ISA*00* *00* * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID*14*072271711USAP
*990801*0628*|*00406*000000001*0*P*>~
GS*RS* *YOUR GS ID* *072271711USAP *19990801*0628*001*X*004060~
ST*870*0000001~
BSR*4*PA**VENDOR CONFIRMATION NUMBER*19990801~
REF*MR**12345~* (Merchandising Vendor Number as assigned by Home Depot)
N1*SN*THE HOME DEPOT*92**0121~* (4-digit HD store #)
HL*1**O~
PRF**12345678****19990801***OS~* (8-digit Home Depot PO#)
ISR**EX**EXPECTED ARRIVAL DATE~*
PER*OC**CONTACT NAME~*
HL*2**I~
PO1*1*****VP* YOUR PART #*SK* HD SKU #~
ISR**DS*19990901~*
HL*3**I~
PO1*2*****VP* YOUR PART #*SK* HD SKU #~
ISR*IN~
HL*4**I~
PO1*3*****VP* YOUR PART #*SK* HD SKU #~
ISR*IN~
CTT*4~* (Number of HL segments)
SE*19*0000001~
GE*1*001~
IEA*1*000000001~

NOTES:
If one of the line items has a different delivery date than originally requested, all items must be transmitted to identify the items that caused the delay in the delivery dates. The partner should maintain the original dates for items that were not impacted by the change. The Order Level Date will reflect the latest date. The partner should proceed with the order unless an order cancellation is received in response to the delay. If the delivery date will be earlier than expected, the EX order status should not be sent. Orders will not be removed from the frozen status when a delay in the Expected Arrival Date is communicated after the AP Order Status is received.

Version 4060 EDI Order Status Report (870)

Example for IN (Cost discrepancy correction)
Outbound from Home Depot

ISA*00* *00* *14*072271711USAP * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID*
*990801*0628*|*00406*000000001*0*P*>~
GS*RS*072271711USAP * *YOUR GS ID* *19990801*0628*001*X*004060~
ST*870*0000001~
BSR*4*PA**VENDOR CONFIRMATION NUMBER**19990801~
REF*MR**12345~* (Merchandising Vendor Number as assigned by Home Depot)
HL*1**O~
PRF**12345678****19990801***OS~* (8-digit Home Depot PO#)
ISR*IN~
N1*SN*THE HOME DEPOT*92**0121~* (4-digit HD store #)
HL*2**I~
PO1*1*15**2.1225**VP* YOUR PART #*SK* HD SKU #~
ISR*IN~* (Home Depot corrected cost should be reflected in PO1 segment)
HL*3**I~
PO1*2*55**2.54**VP* YOUR PART #*SK* HD SKU #~
ISR*IN~
HL*4**I~
PO1*3*30**42.5**VP* YOUR PART #*SK* HD SKU #~
ISR*IN~
CTT*4~* (Number of HL segments)
SE*18*0000001~
GE*1*001~
IEA*1*000000001~

NOTES:
If the Expediter is in agreement with the cost correction, the cost will be adjusted and an Outbound Order Status, with the REJ Reason code removed, will be transmitted to the partner to communicate the cost correction. If the discrepancy is related to a catalog issue, the partner should contact our eCatalog hotline.

Version 4060 EDI Order Status Report (870)

Example for IN/REJ ID/REJ (Invalid or insufficient information)

ISA*00* *00* * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID* *14*072271711USAP
*990801*0628*|*00406*000000001*0*P*>~
GS*RS* *YOUR GS ID* *072271711USAP *19990801*0628*001*X*004060~
ST*870*0000001~
BSR*4*PA**VENDOR CONFIRMATION NUMBER**19990801~
REF*MR**12345~* (Merchandising Vendor Number as assigned by Home Depot)
N1*SN*THE HOME DEPOT*92**0121~* (4-digit HD store #)
HL*1**O~
PRF**12345678*****19990801*****OS~* (8-digit Home Depot PO#)
ISR*IN*19990801*REJ~
PER*OC**CONTACT NAME~*
HL*2**I~
PO1*1*****VP* YOUR PART #*SK* HD SKU #~
ISR**ID*****REJ~*
HL*3**I~
PO1*2*****VP* YOUR PART #*SK* HD SKU #~
ISR*IN~
HL*4**I~
PO1*3*****VP* YOUR PART #*SK* HD SKU #~
ISR*IN~
CTT*4~ (Number of HL segments)
SE*19*0000001~
GE*1*001~
IEA*1*000000001~

NOTES:
This Order Level Status and Reason Code combination should be used when a Reject condition occurs. All detail information on all items must be transmitted with the appropriate item Status and Reason Codes to indicate invalid item information, item has been discontinued, or item is cancelled due to out of stock. This Order Level Status and Reason Code combination will require Item Level Status and Reason Codes as well to further define the issue.

This Item level Status and Reason Code combination should be used when the product attribute descriptions are inaccurate or incomplete. When this condition exists, the partner should transmit the 870 to communicate the Reject condition and no longer proceed with the order. The store will issue a cancellation 850, at which time, the partner should issue a DE 870.

Version 4060 EDI Order Status Report (870)

Example for IN (No exceptions)

ISA*00* *00* * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID* *14*072271711USAP
*990801*0628*|*00406*000000001*0*P*>~
GS*RS* *YOUR GS ID* *072271711USAP *19990801*0628*001*X*004060~
ST*870*0000001~
BSR*4*PA**VENDOR CONFIRMATION NUMBER**19990801~
REF*MR**12345*~ (Merchandising Vendor Number as assigned by Home Depot)
N1*SN*THE HOME DEPOT*92**0121*~ (4-digit HD store #)
HL*1**O~
PRF**12345678****19990801***OS~ (8-digit Home Depot PO#)
ISR**IN**19990801~
PER*OC**CONTACT NAME* ~
CTT*1~ (Number of HL segments)
SE*10*0000001~
GE*1*001~
IEA*1*000000001~

NOTE:
This status is generated at the Order Level once a detailed review of the order has been performed. Price, item and delivery date expectations have been confirmed. If the order is accepted with no change, only an Order Level status is needed to “confirm” that the partner can fill the order as expected.

Version 4060 EDI Order Status Report (870)

Example for IN/REJ IN/W05 (Cost Discrepancy)

ISA*00* *00* * *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID* *14*072271711USAP
*990801*0628*|*00406*000000001*0*P*>~
GS*RS* *YOUR GS ID* *072271711USAP *19990801*0628*001*X*004060~
ST*870*0000001~
BSR*4*PA**VENDOR CONFIRMATION NUMBER**19990801~
REF*MR**12345*~ (Merchandising Vendor Number as assigned by Home Depot)
N1*SN*THE HOME DEPOT*92**0121*~ (4-digit HD store #)
HL*1**O~
PRF**12345678****19990801***OS~ (8-digit Home Depot PO#)
ISR**IN**19990801**REJ*~
PER*OC**CONTACT NAME*~
HL*2**I~
PO1*1***2.1225**VP* YOUR PART #*SK* HD SKU #~
ISR**IN***W05*~
HL*3**I~
PO1*2*****VP* YOUR PART #*SK* HD SKU #~
ISR*IN~
HL*4**I~
PO1*3*****VP* YOUR PART #*SK* HD SKU #~
ISR*IN~
CTT*4~ (Number of HL segments)
SE*19*0000001~
GE*1*001~
IEA*1*000000001~

NOTES:
This Order Level Status and Reason Code combination should be used when a Reject condition occurs. All detail information on all items must be transmitted with the appropriate item Status and Reason Codes to indicate invalid item information, item has been discontinued, or item is cancelled due to out of stock. This Order Level Status and Reason Code combination will require Item Level Status and Reason Codes as well to further define the issue.

This Item Level Status and Reason Code combination should be used when there is a cost discrepancy that needs to be corrected before the order can be filled. The partner should provide the correct cost within the Order Status document. When The Home Depot receives this Order Status, the Expediter will review the discrepancy. If the Expediter is in agreement with the cost correction, the cost will be adjusted and an Outbound Order Status, with the REJ Reason code removed, will be transmitted to the partner to communicate the cost correction. If the discrepancy is related to a catalog issue, the partner should contact our eCatalog hotline.

IMPORTANT: When communicating this Reject condition, the partner should not proceed with the order until The Home Depot returns an Order Status to communicate the cost correction. No subsequent Order Statuses should be sent until the partner is in receipt of the cost correction Order Status.

U.S.—Version 4060 EDI Order Status – (870)
Example for homedepot.com

ISA*00* *00* *YOUR 2-DIGIT QUALIFIER*YOUR ISA ID *14*0722717110100
*990801*0628*(HEX2E)*00406*000000001*0*P*\.
GS*RS*YOUR GS ID*072271711*19990801*0628*001*X*004060.
ST*870*0000001.
BSR*4*PA*SUPPLIER CONFIRMATION NUMBER*CCYYMMDD~
REF*MR*12345~ (Merchandising Vendor Number as assigned by Home Depot)
N1*SF*SHIP FROM NAME~
N3*SHIP FROM STREET ADDRESS*ADDITIONAL STREET ADDRESS~
N4*CITY*STATE/PROVINCE*POSTAL CODE*COUNTRY CODE~
N1*OB**92*4 DIGIT STORE #~
HL*1**O~
PRF*8-Digit HD PO #***CCYYMMDD(PO DATE)~
HL*2**I~
PO1*1*1*EA***VP*YOUR PART #*SK*HD SKU #*UP*UPC#~ VENDOR PART IS MANDATORY
PID*F****PRODUCT DESCRIPTION~
ISR*CC*CCYYMMDD(SHIP DATE)~
TD5**2*SCAC CODE~
REF*CN*CARRIER PRO #/FREIGHT BILL NUMBER~ USED FOR LTL SHIPMENTS ONLY
REF*ZH*SMALL PACKAGE TRACKING NUMBER~ USED FOR SMALL PACKAGE SHIPMENTS ONLY
HL*3**I~
PO1*2*1*EA***VP*YOUR PART #*SK*HD SKU #*UP*UPC#~ VENDOR PART IS MANDATORY
PID*F****PRODUCT DESCRIPTION~
ISR*CU*CCYYMMDD(CANCELLED DATE)*CANCELLED REASON CODE~
HL*4**I~
PO1*3*1*EA***VP*YOUR PART #*SK*HD SKU #*UP*UPC#~ VENDOR PART IS MANDATORY
PID*F****PRODUCT DESCRIPTION~
ISR*BO*CCYYMMDD(BACKORDERED DATE)~
CTT*4*3~ {# of HL LOOPS*Hash Totals (Sum of PO102 elements)}
SE*26*0000001.
GE*1*001.
IEA*1*000000001.

NOTES:

- Please review The Home Depot's EDI Purchase Order Specifications or call your Home Depot EDI contact for further clarification.

THE HOME DEPOT

EDI 997

Functional Acknowledgement

997 Functional Acknowledgment

X12/V4060/997: 997 Functional Acknowledgment

Version: 6.06

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997 Functional Acknowledgment

Functional Group=FA

This X12 Transaction Set contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1		N1/0100	Must use
0200	AK1	Functional Group Response Header	M	1		N1/0200	Must use
LOOP ID - AK2					**999999**	**N1/0300L**	
0300	AK2	Transaction Set Response Header	O	1		N1/0300	Must use
0600	AK5	Transaction Set Response Trailer	M	1			Must use
0700	AK9	Functional Group Response Trailer	M	1			Must use
0800	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/0100 These acknowledgments shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments. Nor shall a Functional Acknowledgment be sent to report errors in a previous Functional Acknowledgment.
The Functional Group Header Segment (GS) is used to start the envelope for the Functional Acknowledgment Transaction Sets. In preparing the functional group of acknowledgments, the application sender's code and the application receiver's code, taken from the functional group being acknowledged, are exchanged; therefore, one acknowledgment functional group responds to only those functional groups from one application receiver's code to one application sender's code.
There is only one Functional Acknowledgment Transaction Set per acknowledged functional group.

1/0200 AK1 is used to respond to the functional group header and to start the acknowledgment for a functional group. There shall be one AK1 segment for the functional group that is being acknowledged.
The Functional Acknowledgement is generated at the point of translation, intended for the originator (not any intermediate parties).

1/0300L AK2 is used to start the acknowledgment of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has been received and is being acknowledged.

1/0300 AK2 is used to start the acknowledgment of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has been received and is being acknowledged.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code identifying the type of information in the Authorization Information **Code** **Name** 00 No Authorization Information Present (No Meaningful Information in I02)	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code identifying the type of information in the Security Information **Code** **Name** 00 No Security Information Present (No Meaningful Information in I04)	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
		Code **Name** ! Exclamation Point : Colon @ At] Bracket ^ Carrot | Pipe				
		The Home Depot Requirements: *This separator can be any non-alpha-numeric character that is also not used as an element separator, segment terminator or elsewhere in the data.*				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		Code **Name** 00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code indicating sender's request for an interchange acknowledgment **Code** **Name** 0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information **Code** **Name** P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **Code** **Name** FA Functional Acknowledgment (997)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **Code** **Name** X Accredited Standards Committee X12	M	ID	1/2	Must use

GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed	M	AN	1/12	Must use

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 997 Functional Acknowledgment	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

AK1 Functional Group Response Header

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To start acknowledgment of a functional group

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK101	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **The Home Depot Requirements:** *Your GS01 2-digit code from the original document being acknowledged.* **All valid standard codes are used.**	M	ID	2/2	Must use
AK102	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender **The Home Depot Requirements:** *Your Group Control Number from the original document being acknowledged.*	M	N0	1/9	Must use

Semantics:

1. AK101 is the functional ID found in the GS segment (GS01) in the functional group being acknowledged.
2. AK102 is the functional group control number found in the GS segment in the functional group being acknowledged.
3. AK103 is the version release industry identifier code in the GS segment (GS08) in the functional group being acknowledged.

Loop AK2

Pos: 0300	Repeat: 999999
Optional	
Loop: AK2	Elements: N/A

User Option (Usage): Must use

To start acknowledgment of a single transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	AK2	Transaction Set Response Header	O	1		Must use
0600	AK5	Transaction Set Response Trailer	M	1		Must use

AK2 Transaction Set Response Header

Pos: 0300	Max: 1
Heading - Optional	
Loop: AK2	Elements: 2

User Option (Usage): Must use

To start acknowledgment of a single transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK201	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **The Home Depot Requirements:** *Your ST01 document code from the original document being acknowledged.* **All valid standard codes are used.**	M	ID	3/3	Must use
AK202	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set **The Home Depot Requirements:** *Your Transaction Set control number from the original document being acknowledged.*	M	AN	4/9	Must use

Semantics:

1. AK201 is the transaction set ID found in the ST segment (ST01) in the transaction set being acknowledged.
2. AK202 is the transaction set control number found in the ST segment in the transaction set being acknowledged.
3. AK203 is the implementation convention reference, if any, found in the ST segment (ST03) in the transaction set being acknowledged.

AK5 Transaction Set Response Trailer

Pos: 0600 **Max: 1**
Heading - Mandatory
Loop: AK2 **Elements: 1**

User Option (Usage): Must use

To acknowledge acceptance or rejection and report errors in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK501	717	**Transaction Set Acknowledgment Code** **Description:** Code indicating accept or reject condition based on the syntax editing of the transaction set **Code** **Name** A Accepted E Accepted But Errors Were Noted R Rejected	M	ID	1/1	Must use

AK9 Functional Group Response Trailer

Pos: 0700	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK901	715	**Functional Group Acknowledge Code** **Description:** Code indicating accept or reject condition based on the syntax editing of the functional group **The Home Depot Requirements:** *If "A" (accepted), then the group was accepted with no ANSI X12 errors. If "R" or "E", this meas that a document in this group has an error.* **Code** **Name** A Accepted E Accepted, But Errors Were Noted. P Partially Accepted, At Least One Transaction Set Was Rejected R Rejected	M	ID	1/1	Must use
AK902	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element **The Home Depot Requirements:** *Number of Transaction Sets (documents) included in the Group. Should equal the number of AK2/AK5 sets in this 997.*	M	N0	1/6	Must use
AK903	123	**Number of Received Transaction Sets** **Description:** Number of Transaction Sets received	M	N0	1/6	Must use
AK904	2	**Number of Accepted Transaction Sets** **Description:** Number of accepted Transaction Sets in a Functional Group	M	N0	1/6	Must use

Comments:

1. If AK901 contains the value "A" or "E", then the transmitted functional group is accepted.

SE Transaction Set Trailer

Pos: 0800	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use

997 Functional Acknowledgment

X12/V3040/997: 997 Functional Acknowledgment

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997 Functional Acknowledgment

Functional Group=FA

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1		N1/010	Must use
020	AK1	Functional Group Response Header	M	1		N1/020	Must use
LOOP ID - AK2					**999999**	**N1/030L**	
030	AK2	Transaction Set Response Header	O	1		N1/030	Used
060	AK5	Transaction Set Response Trailer	M	1			Must use
070	AK9	Functional Group Response Trailer	M	1			Must use
080	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/010 These acknowledgments shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments.
The Functional Group Header Segment (GS) is used to start the envelope for the Functional Acknowledgment Transaction Sets. In preparing the functional group of acknowledgments, the application sender's code and the application receiver's code, taken from the functional group being acknowledged, are exchanged; therefore, one acknowledgment functional group responds to only those functional groups from one application receiver's code to one application sender's code.
There is only one Functional Acknowledgment Transaction Set per acknowledged functional group.

1/020 AK1 is used to respond to the functional group header and to start the acknowledgement for a functional group. There shall be one AK1 segment for the functional group that is being acknowledged.

1/030L AK2 is used to start the acknowledgement of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has been received and is being acknowledged.

1/030 AK2 is used to start the acknowledgement of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has been received and is being acknowledged.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used.**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used.**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments **All valid standard codes are used.**				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
		Code **Name** 0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		Code **Name** P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		Code **Name** FA Functional Acknowledgment (997)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		Code **Name** X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				

Code	Name
003040	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1993

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set. **All valid standard codes are used.**				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

AK1 Functional Group Response Header

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To start acknowledgment of a functional group.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK101	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related Transaction Sets. **All valid standard codes are used.**				
AK102	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender.				

Semantics:

1. AK101 is the functional ID found in the GS segment (GS01) in the functional group being acknowledged.
2. AK102 is the data interchange control number found in the GS segment in the functional group being acknowledged.

Loop Transaction Set Response Header

Pos: 030 **Repeat: 999999**
Optional
Loop: AK2 **Elements: N/A**

User Option (Usage): Used
Purpose: To start acknowledgment of a single transaction set.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
030	AK2	Transaction Set Response Header	O	1		Used
060	AK5	Transaction Set Response Trailer	M	1		Must use

AK2 Transaction Set Response Header

Pos: 030 **Max: 1**
Heading - Optional
Loop: AK2 **Elements: 2**

User Option (Usage): Used
Purpose: To start acknowledgment of a single transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK201	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set. **All valid standard codes are used.**				
AK202	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. AK201 is the transaction set ID found in the ST segment (ST01) in the transaction set being acknowledged.
2. AK202 is the transaction set control number found in the ST segment in the transaction set being acknowledged.

AK5 Transaction Set Response Trailer

Pos: 060 **Max: 1**
Heading - Mandatory
Loop: AK2 **Elements: 1**

User Option (Usage): Must use

Purpose: To acknowledge acceptance or rejection and to report errors in a transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK501	717	**Transaction Set Acknowledgment Code**	M	ID	1/1	Must use

Description: Code indicating accept or reject condition based on the syntax editing of the transaction set.

Code	Name
A	Accepted
E	Accepted But Errors Were Noted
R	Rejected

AK9 Functional Group Response Trailer

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK901	715	**Functional Group Acknowledge Code**	M	ID	1/1	Must use
		Description: Code indicating accept or reject condition based on the syntax editing of the functional group.				
		Code **Name** A Accepted E Accepted, But Errors Were Noted. P Partially Accepted, At Least One Transaction Set Was Rejected R Rejected				
AK902	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.				
AK903	123	**Number of Received Transaction Sets**	M	N0	1/6	Must use
		Description: Number of Transaction Sets received.				
AK904	2	**Number of Accepted Transaction Sets**	M	N0	1/6	Must use
		Description: Number of accepted Transaction Sets in a Functional Group.				

Comments:

1. If AK901 is 'A' or 'E', then the transmitted functional group is accepted. If AK901 is 'R', then the transmitted group is rejected.

SE Transaction Set Trailer

Pos: 080	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments.				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

US/CAN-Version 4060 Functional Acknowledgment (997)-Example for The Home Depot

ISA*00* *00* **YOUR 2-DIGIT QUALIFIER **YOUR ISA ID* *14*0722717110100 *060605*0910*
|*00406*000006335*(INTERCHANGE CONTROL #)*0*P*>~
GS*FA* *YOUR GS ID* *072271711*20060614*0900*2639*X*004060~
ST*997*7493~
AK1*PO*7847~ (**AK102 -** The group control # from the corresponding document)
AK2*850*000016756~ (**AK202 -** The TS control # from the corresponding document)
AK5*A~ (**AK501 -** Transaction Set Acknowledgment Code) (See notes below for statuses)
AK2*850*000016757~
AK5*A~
AK9*A*2*2*2~ (See Notes Below)
SE*8*7493~
GE*1*2639~
IEA*1*000001992~

Notes:
AK501 - Transaction Set Acknowledgment Code
A - Indicates this was accepted
E - Indicates that this was accepted with errors
R - Indicates that this was rejected

AK901 - Functional Group Acknowledgment Code

AK902 - Number of Transaction Set included in the group. This number should equal the number of AK2/AK5 sets in this 997.

AK903 - Number of received Transaction Sets. This number should equal the AK902.

AK904 - Number of accepted Transaction Sets.

We do not accept 997s at the group level; it will cause the document to stay unacknowledged in The Home Depot's system.

Version 3040 EDI Functional Acknowledgment (997)
Example for The Home Depot

ISA*00* *00* *01*030829337*14*0722717110100*030410*1337*U*00300*000001992*0*P*>
GS*FA*030829337*072271711*980814*0900*2639*X*003050~
ST*997*7493~
AK1*PO*7847~ (AK102 - The group control # from the corresponding 850)
AK2*850*000016756~ (AK202 - The TS control # from the corresponding 850)
AK5*A~ (AK501 - Transaction Set Acknowledgment Code) (See notes below for statuses)
AK2*850*000016757. ~
AK5*A~
AK9*A*2*2*2~ (See Notes Below)
SE*8*7493~
GE*1*2639~
IEA*1*000001992~

<u>Notes:</u>
AK501 - Transaction Set Acknowledgment Code
A indicates this was accepted
E indicates that this was accepted with errors (shows as an AE on the EDR002)
R indicates that this was rejected (shows as an AF on the EDR002)

AK901 - Functional Group Acknowledgment Code

AK902 - Number of Transaction Set included in the group. This number should equal the number of AK2/AK5 sets in this 997.

AK903 - Number of received Transaction Sets. This number should equal the AK902.

AK904 - Number of accepted Transaction Sets. This number should equal the AK903.

**Including only an AK1 and AK9 will cause the PO to be acknowledged at the group level. We do not accept 997s at the group level. This will not show as an error on any report. However, it will cause the PO to stay unacknowledged.*

Types of Acknowledgments

1. AK status - the 997 posted and the corresponding 850 shows a status of acknowledged.

2. AE status - the vendor is saying that this PO was accepted but there is some type of error on the order. This requires us to call the vendor to find out if they can process the PO and also find out why they sent us back an 'AE.' They need to tell us why they sent it back to us so if it is a problem on our end we can get it corrected. Typically, it is some issue on their end such as reprocessing data.

3. AF status - technically when we receive this status it means that the vendor received the PO but for some reason they could not process it. Typically again, it is some issue on their end. This type of error requires us to call the vendor and verify the PO will be processed and also find out why they sent an 'AF' back to us. If the vendor is truly unable to process an order, then we can fax the PO to them.

4. MK status - this means that someone within the HD EDI group manually acknowledged the PO in Gentran.

Version 4060 EDI Functional Acknowledgment (997) – Example for The Home Depot

ISA*00* *00* *14*0722717110100 *_YOUR 2-DIGIT QUALIFIER_*_YOUR ISA ID_ *020105*0910*
(Non-alphanumeric character)*00406*000006335*(INTERCHANGE CONTROL #)*0*T*>~
GS*FA*030829337*072271711*19980814*0900*2639*X***004060**.
ST*997*7493.
AK1*PO*7847. (**AK102 -** The group control # from the corresponding 850)
AK2*850*000016756. (**AK202 -** The TS control # from the corresponding 850)
AK5*A. (**AK501 -** Transaction Set Acknowledgment Code) (See notes below for statuses)
AK2*850*000016757.
AK5*A.
AK9*A*2*2*2. (See Notes Below)
SE*8*7493.
GE*1*2639.
IEA*1*000001992.

Notes:

AK501 - Transaction Set Acknowledgment Code
A indicates this was accepted
E indicates that this was accepted with errors (shows as an AE on the EDR002)
R indicates that this was rejected (shows as an AF on the EDR002)

AK901 - Functional Group Acknowledgment Code

AK902 - Number of Transaction Set included in the group. This number should equal the number of AK2/AK5 sets in this 997.

AK903 - Number of received Transaction Sets. This number should equal the AK902.

AK904 - Number of accepted Transaction Sets. This number should equal the AK903.

*Including only an AK1 and AK9 will cause the PO to be acknowledged at the group level. We do not accept 997s at the group level. This will not show as an error on any report. However, it will cause the PO to stay unacknowledged.

THE HOME DEPOT

CRTV EDI 856

Advanced Ship Notice

```
ISA*00*          *00*          *ZZ*GENSCIAS2T     *14*0722717110300  *101222*1540*|*00406*000000237*0*T*>~
GS*SH*GENSCIAS2T*072271711*20101222*1540*856000051*X*004060~
ST*856*0375~
BSN*00*171686150611*20101222*154006~
HL*1**S~
LIN*1*S1*1716*RC*86150611*TD*R*RA*9*VX*74557703310855209400 11MV*****ZZ*N*UF*RAFAILA~
SN1**2*EA*2*3*DO~
SLN*C*P*O*1*EA~
TD1*******25*LB~
TD5**2*AVRT**AVERITT EXPRESS INC~
REF*BM*1716~
REF*DP*25~
REF*BP*9~
REF*Y8*RAFAILA~
REF*8V*9~
REF*ACC*~
REF*RZ*~
REF*FR*1716*1716~
REF*80**LIBERTY - CAB HDWR~
DTM*196*20101222*124645~
DTM*198*20101222*124645~
DTM*925*20101222*124645~
N1*ST**FA*8615~
N1*VR**92*10612~
N3*140 BUSINESS PARK DRIVE~
N4*WINSTON-SALEM*NC*27107*US~
YNQ*UZ*N~
HL*2*1*I~
LIN*1*VP*898732*SK*898732~
SN1**2*EA*2*3*DO~
SLN*0**O***************UF*RAFAILA*D3*42466~
PRF*15733744~
PID*F****ED~
REF*2S*826~
SAC*A*G470****Z*12~
CTT*2~
SE*35*0375~
ST*856*0376~
BSN*00*171786150609*20101222*154006~
HL*1**S~
LIN*1*S1*1717*RC*86150609*TD*R*RA*9*VX*382781098267630skqi1OnAB*****ZZ*N*UF*RAFAILA~
SN1**1*EA*1.28*4.91*DO~
SLN*C*P*O*1*EA~
TD1*******63*LB~
TD5**2*BRXS**BRAUNS EXPRESS INC~
REF*BM*1717~
REF*DP*27~
REF*BP*9~
REF*Y8*RAFAILA~
REF*8V*9~
REF*ACC*C~
REF*RZ*ASN 413~
REF*FR*1717*1717~
```

```
REF*80*315508*AMERICAN TACK & HDWE~
DTM*196*20101222*124652~
DTM*198*20101222*124652~
DTM*925*20101222*124652~
N1*ST**FA*8615~
N1*VR**92*315508~
N3*20 Bond Street~
N4*Central Valley*NY*10917*US~
YNQ*UZ*N~
HL*2*1*I~
LIN*1*VP*C935TDW*SK*256155~
SN1**1*EA*1.28*4.91*DO~
SLN*0**O***************UF*RAFAILA*D3*42469~
PRF*15733745~
PID*F****WHITE TOGGLE DUPLEX STEEL VINYL~
REF*2S*827~
SAC*A*G470~
CTT*2~
SE*35*0376~
ST*856*0377~
BSN*00*171886150607*20101222*154006~
HL*1**S~
LIN*1*S1*1718*RC*86150607*TD*R*RA*9*VX*74557703310855209400 11MV*****ZZ*N*UF*RAFAILA~
SN1**2*EA*2*3*DO~
SLN*C*P*O*1*EA~
TD1*******78*LB~
TD5**2*AVRT**AVERITT EXPRESS INC~
REF*BM*1718~
REF*DP*25~
REF*BP*9~
REF*Y8*RAFAILA~
REF*8V*9~
REF*ACC*C~
REF*RZ*ASN 414~
REF*FR*1718*1718~
REF*80*10612*LIBERTY - CAB HDWR~
DTM*196*20101222*125721~
DTM*198*20101222*125721~
DTM*925*20101222*125721~
N1*ST**FA*8615~
N1*VR**92*10612~
N3*140 BUSINESS PARK DRIVE~
N4*WINSTON-SALEM*NC*27107*US~
YNQ*UZ*N~
HL*2*1*I~
LIN*1*VP*898732*SK*898732~
SN1**2*EA*2*3*DO~
SLN*0**O***************UF*RAFAILA*D3*42466~
PRF*15733746~
PID*F****ED~
REF*2S*829~
SAC*A*G470****Z*12~
CTT*2~
SE*35*0377~
```

```
ST*856*0378~
BSN*00*171986150609*20101222*154006~
HL*1**S~
LIN*1*S1*1719*RC*86150609*TD*R*RA*9*VX*382781098267630skqi1OnAB*****ZZ*N*UF*RAFAILA~
SN1**1*EA*1.28*4.91*DO~
SLN*C*P*O*1*EA~
TD1*******36*LB~
TD5**2*BRXS**BRAUNS EXPRESS INC~
REF*BM*1719~
REF*DP*27~
REF*BP*9~
REF*Y8*RAFAILA~
REF*8V*9~
REF*ACC*C~
REF*RZ*ASN 414~
REF*FR*1719*1719~
REF*80*315508*AMERICAN TACK & HDWE~
DTM*196*20101222*125727~
DTM*198*20101222*125727~
DTM*925*20101222*125727~
N1*ST**FA*8615~
N1*VR**92*315508~
N3*20 Bond Street~
N4*Central Valley*NY*10917*US~
YNQ*UZ*N~
HL*2*1*I~
LIN*1*VP*C935TDW*SK*256155~
SN1**1*EA*1.28*4.91*DO~
SLN*0**O****************UF*RAFAILA*D3*42469~
PRF*15733747~
PID*F****WHITE TOGGLE DUPLEX STEEL VINYL~
REF*2S*828~
SAC*A*G470~
CTT*2~
SE*35*0378~
ST*856*0379~
BSN*00*172086150608*20101222*154006~
HL*1**S~
LIN*1*S1*1720*RC*86150608*TD*R*RA*29*VX*121620109710289.0136*****ZZ*N*UF*RAFAILA~
SN1**3*EA*0.1498*0.31*DO~
SLN*P*P*O*1*EA~
TD1*******22*LB~
TD5**2*AVRT**AVERITT EXPRESS INC~
REF*BM*1720~
REF*DP*26~
REF*BP*9~
REF*Y8*RAFAILA~
REF*8V*29~
REF*ACC*C~
REF*RZ*ASN 399~
REF*FR*1720*1720~
REF*80*21047*MUELLER STREAMLINE CO.~
DTM*196*20101222*131210~
DTM*198*20101222*131210~
```

```
DTM*925*20101222*131210~
N1*ST**FA*8615~
N1*VR**92*21047~
N3*Mueller Streamline 100 Addison Drive~
N4*Wynne*AZ*72396*US~
YNQ*UZ*N~
HL*2*1*I~
LIN*1*VP*401-007HC*SK*187917~
SN1**3*EA*0.1498*0.31*DO~
SLN*0**O***************UF*RAFAILA*D3*289~
PRF*15717176~
PID*F****3/4" PVC TEE SXSXS~
REF*2S*784~
SAC*A*G470****Z*3~
CTT*2~
SE*35*0379~
ST*856*0380~
BSN*00*172086150610*20101222*154006~
HL*1**S~
LIN*1*S1*1720*RC*86150610*TD*R*RA*29*VX*121620109710289.0136*****ZZ*N*UF*RAFAILA~
SN1**2*EA*0.1317*0.27*DO~
SLN*P*P*O*1*EA~
TD1*******22*LB~
TD5**2*AVRT**AVERITT EXPRESS INC~
REF*BM*1720~
REF*DP*26~
REF*BP*9~
REF*Y8*RAFAILA~
REF*8V*29~
REF*ACC*C~
REF*RZ*ASN 399~
REF*FR*1720*1720~
REF*80*21047*MUELLER STREAMLINE CO.~
DTM*196*20101222*131210~
DTM*198*20101222*131210~
DTM*925*20101222*131210~
N1*ST**FA*8615~
N1*VR**92*21047~
N3*Mueller Streamline 100 Addison Drive~
N4*Wynne*AZ*72396*US~
YNQ*UZ*N~
HL*2*1*I~
LIN*1*VP*401-005HC*SK*187909~
SN1**2*EA*0.1317*0.27*DO~
SLN*0**O***************UF*RAFAILA*D3*289~
PRF*15717176~
PID*F****1/2" PVC TEE SXSXS~
REF*2S*783~
SAC*A*G470****Z*3~
CTT*2~
SE*35*0380~
ST*856*0381~
BSN*00*172286150614*20101222*154006~
HL*1**S~
```

```
LIN*1*S1*1722*RC*86150614*TD*R*RA*29*VX*122020109710292.0129*****ZZ*N*UF*RAFAILA~
SN1**3*EA*4*6.3*DO~
SLN*P*P*O*1*EA~
TD1*******95*LB~
TD5**2*AVRT**AVERITT EXPRESS INC~
REF*BM*1722~
REF*DP*23~
REF*BP*9~
REF*Y8*RAFAILA~
REF*8V*29~
REF*ACC*C~
REF*RZ*ASN 418~
REF*FR*1722*1722~
REF*80*22936*QUEEN CARPET CORP~
DTM*196*20101222*152426~
DTM*198*20101222*152426~
DTM*925*20101222*152426~
N1*ST**FA*8615~
N1*VR**92*22936~
N3*11 qwerty   RLC~
N4*chn*AR*777777*US~
YNQ*UZ*N~
HL*2*1*I~
LIN*1*VP*710HD00720*SK*327955~
SN1**3*EA*4*6.3*DO~
SLN*0**O***************UF*RAFAILA*D3*292~
PRF*15717188~
PID*F****12' FULL THROTTLE SUEDE CARPET~
REF*2S*835~
SAC*A*G470****Z*3~
CTT*2~
SE*35*0381~
GE*7*856000051~
IEA*1*000000237~
```

THE HOME DEPOT

CRTV EDI 944

Warehouse Stock Transfer

944 Warehouse Stock Transfer Receipt Advice

X12/V4060/944: 944 Warehouse Stock Transfer Receipt Advice

Version: 2.1

Company:	**The Home Depot**
Publication:	**12/14/2010**

944 Warehouse Stock Transfer Receipt Advice

Functional Group=RE

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Stock Transfer Receipt Advice Transaction Set (944) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a receiving location to advise a depositor or an agent of the depositor that a transfer shipment has been received. This transaction set provides the depositor or the depositor's agent with detail information concerning product that has been received.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	W17	Warehouse Receipt Identification	M	1			Must use
LOOP ID - 0100					**10**		
0400	N1	Party Identification	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0200					**>1**		
0010	LX	Transaction Set Line Number	M	1			Must use
0050	MAN	Marks and Numbers Information	O	1			Used
0150	N9	Extended Reference Information	O	5			Used
0150	N9	Extended Reference Information	O	5			Used
0150	N9	Extended Reference Information	O	5			Used
LOOP ID - 210					**9999**		
0200	W07	Item Detail For Stock Receipt	O	1			Used
LOOP ID - 0211					**50**		
0700	W13	Item Detail Exception	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	W14	Total Receipt Information	M	1			Must use
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments **All valid standard codes are used. (Total Codes: 18)**				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1) **Code** **Name** 0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		CodeList Summary (Total Codes: 3, Included: 1) **Code** **Name** P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets **CodeList Summary** (Total Codes: 260, Included: 1) **Code** **Name** RE Warehouse Stock Receipt Advice (944)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used. (Total Codes: 2)**				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **CodeList Summary** (Total Codes: 50, Included: 1) **Code** **Name**				

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **All valid standard codes are used. (Total Codes: 316)**	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

W17 Warehouse Receipt Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1701	514	**Reporting Code**	M	ID	1/1	Must use
		Description: Code specifying the basis used when reporting shipment information				
		THD Requirements: *Send 'C" in W17 01 for populated file.* *Send 'N' in W17 01 for empty file*				
		CodeList Summary (Total Codes: 13, Included: 2)				
		Code **Name**				
		C Customer Return - Full Detail				
		N No Exceptions				
W1702	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *Transaction Date*				
W1703	394	**Warehouse Receipt Number**	M	AN	1/12	Must use
		Description: Identification number assigned to a stock replenishment receipt by the warehouse				
		THD Requirements: *RLC Number*				
W1704	285	**Depositor Order Number**	O	AN	1/22	Used
		Description: Identifying number for warehouse shipping order assigned by the depositor				
		THD Requirements: *Doc Trace ID Number - This is a sequential and unique number generated by GENCO for each 944 sent to THD.*				

Syntax Rules:

1. P0607 - If either W1706 or W1707 is present, then the other is required.
2. P0809 - If either W1708 or W1709 is present, then the other is required.

Semantics:

1. W1702 is the date indicating the receipt of a delivery.

Loop Party Identification

Pos: 0400 Repeat: 10
Mandatory
Loop: 0100 Elements: N/A

User Option (Usage): Must use

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Party Identification	M	1		Must use

N1 Party Identification

Pos: 0400 **Max: 1**
Heading - Mandatory
Loop: 0100 **Elements: 2**

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		OB Ordered By				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
		THD Requirements: *The Home Depot*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Loop Transaction Set Line Number

Pos: 0010 Repeat: >1
Mandatory
Loop: 0200 Elements: N/A

User Option (Usage): Must use

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0010	LX	Transaction Set Line Number	M	1		Must use
0050	MAN	Marks and Numbers Information	O	1		Used
0150	N9	Extended Reference Information	O	5		Used
0150	N9	Extended Reference Information	O	5		Used
0150	N9	Extended Reference Information	O	5		Used
0200		Loop 210	O		9999	Used

LX Transaction Set Line Number

Pos: 0010	Max: 1
Detail - Mandatory	
Loop: 0200	Elements: 1

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use
		Description: Number assigned for differentiation within a transaction set				
		THD Requirements: *Transaction ID*				

MAN Marks and Numbers Information

Pos: 0050 **Max: 1**
Detail - Optional
Loop: 0200 **Elements: 2**

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use
		Description: Code specifying the application or source of Marks and Numbers (87)				
		THD Requirements: *MAN_01 = "SM" to denote RLC Ship Unit ID*				
		All valid standard codes are used. (Total Codes: 21)				
MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
		THD Requirements: *This is the RLC Ship Unit ID from GENCO*				

Syntax Rules:

1. P0405 - If either MAN04 or MAN05 is present, then the other is required.
2. C0605 - If MAN06 is present, then MAN05 is required.

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

N9 Extended Reference Information

Pos: 0150	Max: 5
Detail - Optional	
Loop: 0200	Elements: 4

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification **CodeList Summary** (Total Codes: 1703, Included: 1) **Code** **Name** 2S Catalog				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *2S - Catalog ID*				
N903	369	**Free-form Description**	X	AN	1/45	Used
		Description: Free-form descriptive text **THD Requirements:** *AAO Carrier Name*				
N907	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification **CodeList Summary** (Total Codes: 1703, Included: 1) **Code** **Name** ST Store Number				
N907-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *ST - Store Number*				
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification **CodeList Summary** (Total Codes: 1703, Included: 1) **Code** **Name** AFI Trailer Type Qualifier				
N907-04	127	**Reference Identification**	X	AN	1/50	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *AFI - Trailer Number*				
N907-05	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		DP Department Number				
N907-06	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *DP - Department*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

N9 Extended Reference Information

Pos: 0150 **Max: 5**
Detail - Optional
Loop: 0200 **Elements: 4**

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		THD Requirements: *This should be a hardcoded value of "AAO" from the codelist.*				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		AAO Carrier Assigned Code				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *AAO - Carrier SCAC*				
N903	369	**Free-form Description**	X	AN	1/45	Used
		Description: Free-form descriptive text				
		THD Requirements: *AAO - Carrier Name*				
N907	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		THD Requirements: *Hardcoded "BM" from the codelist*				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		BM Bill of Lading Number				
N907-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *BM - Bill of Lading Number*				
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		THD Requirements: *Hardcoded codelist value of "79"*				
		CodeList Summary (Total Codes: 1703, Included: 1)				

Code	Name
79	Cost Account

N907-04	127	**Reference Identification**	X	AN	1/50	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

THD Requirements:
Unit Cost

N907-05	128	**Reference Identification Qualifier**	X	ID	2/3	Used

Description: Code qualifying the Reference Identification

THD Requirements: *Hardcoded value of "SH" for the resend flag from the codelist*

CodeList Summary (Total Codes: 1703, Included: 1)

Code	Name
SH	Sender Defined Clause

N907-06	127	**Reference Identification**	X	AN	1/50	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

THD Requirements:
SH - Resend Flag

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

N9 Extended Reference Information

Pos: 0150	Max: 5
Detail - Optional	
Loop: 0200	Elements: 6

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification **CodeList Summary** (Total Codes: 1703, Included: 1) **Code** **Name** BAF Receipt Number				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **THD Requirements:** *BAF - Receipt Type - TI or OV*				
N903	369	**Free-form Description**	X	AN	1/45	Used
		Description: Free-form descriptive text **THD Requirements:** *AAO Carrier Name*				
N904	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **THD Requirements:** *Receipt Day*				
N905	337	**Time**	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) **THD Requirements:** *Receipt Time*				
N907	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification **CodeList Summary** (Total Codes: 1703, Included: 1) **Code** **Name** TF Transfer Number				
N907-02	127	**Reference Identification**	M	AN	1/50	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *TF - Transfer Number*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Loop Item Detail For Stock Receipt

Pos: 0200 Repeat: 9999
Optional
Loop: 210 Elements: N/A

User Option (Usage): Used

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0200	W07	Item Detail For Stock Receipt	O	1		Used
0700		Loop 0211	O		50	Used

W07 Item Detail For Stock Receipt

Pos: 0200 **Max: 1**
Detail - Optional
Loop: 210 **Elements: 6**

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0701	413	**Quantity Received**	M	R	1/7	Must use
		Description: Number of shipping units received				
		THD Requirements: *Received Quantity*				
W0702	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
W0704	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1) **Code** **Name** SK Stock Keeping Unit (SKU)				
W0705	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements: *SKU*				
W0706	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1) **Code** **Name** VP Vendor's (Seller's) Part Number				
W0707	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements: *Merchandise Vendor Number*				

Syntax Rules:

1. R0304 - At least one of W0703 or W0704 is required.
2. P0405 - If either W0704 or W0705 is present, then the other is required.
3. P0607 - If either W0706 or W0707 is present, then the other is required.
4. P1011 - If either W0710 or W0711 is present, then the other is required.

Loop Item Detail Exception

Pos: 0700 Repeat: 50
Optional
Loop: 0211 Elements: N/A

User Option (Usage): Used

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	W13	Item Detail Exception	O	1		Used

W13 Item Detail Exception

Pos: 0700	Max: 1
Detail - Optional	
Loop: 0211	Elements: 3

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1301	380	**Quantity**	M	R	1/15	Must use
		Description: Numeric value of quantity				
		THD Requirements: *Shipped/Ordered Quantity*				
W1302	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

CodeList Summary (Total Codes: 811, Included: 30)

Code	Name
BD	Bundle
BF	Board Feet
BG	Bag
BM	Bolt
BX	Box
CA	Case
CT	Carton
EA	Each
FT	Foot
GA	Gallon
LB	Pound
LF	Linear Foot
LN	Length
LY	Linear Yard
MR	Meter
PA	Pail
PC	Piece
PF	Pallet (Lift)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QT	Quart
RL	Roll
SF	Square Foot
SM	Square Meter
SQ	Square
ST	Set
SY	Square Yard
YD	Yard

W1303	412	**Receiving Condition Code**	M	ID	2/2	Must use

Description: Code designating physical condition or status of units received in a specific shipment

CodeList Summary (Total Codes: 15, Included: 1)

Code	Name
12	Quantity Over - Returned to Supplier

Semantics:

1. W1305 is required when W1303 equals "01" indicating damaged product.

W14 Total Receipt Information

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1401	413	**Quantity Received** **Description:** Number of shipping units received	M	R	1/7	Must use

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

ISA*00*   *00*   *ZZ*GENSCIAS2T   *14*0722717110300 *101222*1540*|*00406*000000240*0*T*>~
GS*RE*GENSCIAS2T*072271711*20101222*1540*944000048*X*004060~
ST*944*0384~
W17*C*20101222*8615*22~
N1*OB*THE HOME DEPOT~
LX*273~
MAN*SM*002683~
N9*2S*671*ROADWAY EXPRESS INC****ST>9710>>>DP>29~
N9*AAO*RDWY*ROADWAY EXPRESS INC****BM>8478>79>17.54>SH>N~
N9*BAF*TI*ROADWAY EXPRESS INC*20101220*112504**TF>15717169~
W07*8*EA**SK*134716*VP*500901~
W13*10*EA*12~
LX*274~
MAN*SM*003888~
N9*2S*826*SOUTHEASTERN FREIGHT LINES****ST>9726>>>DP>25~
N9*AAO*SEFL*SOUTHEASTERN FREIGHT LINES****BM>61312>79>2>SH>N~
N9*BAF*TI*SOUTHEASTERN FREIGHT LINES*20101222*122127**TF>15733744~
W07*2*EA**SK*898732*VP*10612~
W13*2*EA*12~
LX*275~
MAN*SM*003888~
N9*2S*827*SOUTHEASTERN FREIGHT LINES****ST>9726>>>DP>27~
N9*AAO*SEFL*SOUTHEASTERN FREIGHT LINES****BM>61312>79>1.28>SH>N~
N9*BAF*TI*SOUTHEASTERN FREIGHT LINES*20101222*123425**TF>15733745~
W07*1*EA**SK*256155*VP*315508~
W13*1*EA*12~
LX*276~
MAN*SM*003889~
N9*2S*829*SOUTHEASTERN FREIGHT LINES****ST>9726>>>DP>25~
N9*AAO*SEFL*SOUTHEASTERN FREIGHT LINES****BM>61313>79>2>SH>N~
N9*BAF*TI*SOUTHEASTERN FREIGHT LINES*20101222*124859**TF>15733746~
W07*2*EA**SK*898732*VP*10612~
W13*2*EA*12~
LX*277~
MAN*SM*003889~
N9*2S*828*SOUTHEASTERN FREIGHT LINES****ST>9726>>>DP>27~
N9*AAO*SEFL*SOUTHEASTERN FREIGHT LINES****BM>61313>79>1.28>SH>N~
N9*BAF*TI*SOUTHEASTERN FREIGHT LINES*20101222*124939**TF>15733747~
W07*1*EA**SK*256155*VP*315508~
W13*1*EA*12~
LX*278~
MAN*SM*002725~
N9*2S*783*ROADWAY EXPRESS INC****ST>9710>>>DP>26~
N9*AAO*RDWY*ROADWAY EXPRESS INC****BM>8494>79>.1317>SH>N~
N9*BAF*TI*ROADWAY EXPRESS INC*20101222*130220**TF>15717176~
W07*2*EA**SK*187909*VP*21047~
W13*2*EA*12~
LX*279~
MAN*SM*002725~
N9*2S*784*ROADWAY EXPRESS INC****ST>9710>>>DP>26~
N9*AAO*RDWY*ROADWAY EXPRESS INC****BM>8494>79>.1498>SH>N~
N9*BAF*TI*ROADWAY EXPRESS INC*20101222*130220**TF>15717176~
W07*3*EA**SK*187917*VP*21047~

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W13*3*EA*12~
LX*280~
MAN*SM*003840~
N9*2S*668*SOUTHEASTERN FREIGHT LINES****ST>9726>>>DP>25~
N9*AAO*SEFL*SOUTHEASTERN FREIGHT LINES****BM>61267>79>.74>SH>N~
N9*BAF*TI*SOUTHEASTERN FREIGHT LINES*20101220*093515**TF>15733689~
W07*5*EA**SK*275111*VP*76721~
W13*5*EA*12~
LX*281~
MAN*SM*002741~
N9*2S*835*ROADWAY EXPRESS INC****ST>9710>>>DP>23~
N9*AAO*RDWY*ROADWAY EXPRESS INC****BM>8504>79>4>SH>N~
N9*BAF*TI*ROADWAY EXPRESS INC*20101222*151250**TF>15717188~
W07*3*SY**SK*327955*VP*22936~
W13*3*SY*12~
LX*282~
MAN*SM*002741~
N9*2S*836*ROADWAY EXPRESS INC****ST>9710>>>DP>23~
N9*AAO*RDWY*ROADWAY EXPRESS INC****BM>8504>79>4.57>SH>N~
N9*BAF*TI*ROADWAY EXPRESS INC*20101222*151250**TF>15717188~
W07*2*SY**SK*631993*VP*22936~
W13*2*SY*12~
W14*29~
SE*75*0384~
GE*1*944000048~
IEA*1*000000240~
```

THE HOME DEPOT

CRTV EDI 947

Warehouse Inventory Adjustment

947 Warehouse Inventory Adjustment Advice

X12/V4060/947: 947 Warehouse Inventory Adjustment Advice

Company:	**The Home Depot**
Publication:	**7/8/2010**

947 Warehouse Inventory Adjustment Advice

Functional Group=AW

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Inventory Adjustment Advice Transaction Set (947) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to inform a warehouse/depositor of a quantity or status change to inventory records. This transaction set provides detail information concerning the internal adjustments which occur between a warehouse and a depositor.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	W15	Warehouse Adjustment Identification	M	1			Must use
LOOP ID - 0100					**100**		
0400	N1	Party Identification	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**>1**		
0200	W19	Warehouse Adjustment Item Detail	M	1			Must use
0300	G69	Line Item Detail - Description	O	5			Used
0400	N9	Extended Reference Information	O	10			Used
0400	N9	Extended Reference Information	O	10			Used
0400	N9	Extended Reference Information	O	10			Used
0400	N9	Extended Reference Information	O	10			Used
0500	CS	Contract Summary	O	1			Used
0800	G62	Date/Time	O	10			Used
LOOP ID - 0320					**50**		
1100	N1	Party Identification	O	1			Used
2100	SE	Transaction Set Trailer	O	1			Used

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **CodeList Summary** (Total Codes: 41, Included: 1) **Code** **Name** 14 Duns Plus Suffix				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **THD Requirements:** *0722717110100*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		CodeList Summary (Total Codes: 18, Included: 1)				
		Code **Name**				
		00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 260, Included: 1)				
		Code **Name**				
		AW Warehouse Inventory Adjustment Advice (947)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
		THD Requirements: *07227171101*				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		All valid standard codes are used. (Total Codes: 2)				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				

CodeList Summary (Total Codes: 50, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set **All valid standard codes are used. (Total Codes: 316)**				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

W15 Warehouse Adjustment Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To provide identifying numbers and dates and other basic data for this transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1501	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *Transaction Date*				
W1502	31	**Adjustment Number**	X	AN	1/22	Used
		Description: Identification assigned to an inventory level or status adjustment				
		THD Requirements: *RLC assigned ID*				
W1503	31	**Adjustment Number**	X	AN	1/22	Used
		Description: Identification assigned to an inventory level or status adjustment				
		THD Requirements: *Unique #*				
W1504	353	**Transaction Set Purpose Code**	O	ID	2/2	Used
		Description: Code identifying purpose of transaction set				
		THD Requirements: *Send '00" in W15 04 for populated file.* *Send 'SU' in W15 04 for empty file*				

CodeList Summary (Total Codes: 66, Included: 3)

Code	Name
00	Original
11	Response
SU	Status Update

Syntax Rules:

1. P0203 - If either W1502 or W1503 is present, then the other is required.

Semantics:

1. W1502 is the identification assigned to an inventory level or status adjustment by the warehouse.
2. W1503 is the identification assigned to an inventory level or status adjustment by the depositor.

Loop Party Identification

Pos: 0400 Repeat: 100
Mandatory
Loop: 0100 Elements: N/A

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Party Identification	M	1		Must use

N1 Party Identification

Pos: 0400 **Max: 1**
Heading - Mandatory
Loop: 0100 **Elements: 3**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		WH Warehouse				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		FA Facility Identification				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements: *RLC Location Number*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Loop Warehouse Adjustment Item Detail

Pos: 0200 Repeat: >1
Mandatory
Loop: 0300 Elements: N/A

User Option (Usage): Must use
Purpose: To designate those items that were adjusted

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0200	W19	Warehouse Adjustment Item Detail	M	1		Must use
0300	G69	Line Item Detail - Description	O	5		Used
0400	N9	Extended Reference Information	O	10		Used
0400	N9	Extended Reference Information	O	10		Used
0400	N9	Extended Reference Information	O	10		Used
0400	N9	Extended Reference Information	O	10		Used
0500	CS	Contract Summary	O	1		Used
0800	G62	Date/Time	O	10		Used
1100		Loop 0320	O		50	Used

W19 Warehouse Adjustment Item Detail

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 5

User Option (Usage): Must use

Purpose: To designate those items that were adjusted

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1901	181	**Quantity or Status Adjustment Reason Code**	M	ID	2/2	Must use
		Description: Code indicating reason for change in level or status of inventory				
		CodeList Summary (Total Codes: 48, Included: 2)				
		Code **Name**				
		04 Receipt Less Than Previously Reported				
		54 Receipt Greater Than Previously Reported				
W1902	477	**Credit/Debit Quantity**	M	R	1/10	Must use
		Description: Number of supplier units credited or debited				
		THD Requirements: *Inventory Adjustment Quantity*				
W1903	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used. (Total Codes: 811)				
W1905	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		SK Stock Keeping Unit (SKU)				
W1906	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements: *SKU*				

Syntax Rules:

1. R0405 - At least one of W1904 or W1905 is required.
2. P0506 - If either W1905 or W1906 is present, then the other is required.
3. P0708 - If either W1907 or W1908 is present, then the other is required.
4. C101112 - If W1910 is present, then W1911 and W1912 are required.
5. C131415 - If W1913 is present, then W1914 and W1915 are required.
6. P1718 - If either W1917 or W1918 is present, then the other is required.

G69 Line Item Detail - Description

Pos: 0300	Max: 5
Detail - Optional	
Loop: 0300	Elements: 1

User Option (Usage): Used
Purpose: To describe an item in free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6901	369	**Free-form Description**	M	AN	1/45	Must use
		Description: Free-form descriptive text				
		THD Requirements: *Item Description*				

N9 Extended Reference Information

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0300	Elements: 4

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		MR Merchandise Type Code				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *MR Merchandise Vendor number*				
N903	369	**Free-form Description**	X	AN	1/45	Used
		Description: Free-form descriptive text				
		THD Requirements: *Mvendor Name*				
N907	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		2S Catalog				
N907-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *SI Catalog ID*				
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		BM Bill of Lading Number				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N907-04	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *BM Bill of Lading Number*				
N907-05	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name** RZ Returned Goods Authorization Number				
N907-06	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *RZ - THD assigned RTV Number*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

N9 Extended Reference Information

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		W1 Disposal Turn-In Document Number				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *W1 RLC Disp Type Code*				
N907	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		DP Department Number				
N907-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *DP Department Number*				
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		TF Transfer Number				
N907-04	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *TF Transaction Number*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

N9 Extended Reference Information

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		BP Adjustment Control Number				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *BP Adjustment Reason Code*				
N907	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		Y8 User ID				
N907-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *RLC's user id when dispostion or rtv reason code has been changed.*				
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		TD Reason for Change				
N907-04	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Re-return reason Code. Usually not sent, but required from RLC for re-return.*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

N9 Extended Reference Information

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		SI Shipper's Identifying Number for Shipment (SID)				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Inbound carrier SCAC code. May be different than carrier when product left the store. Only used when there is a carrier damage adjustment.*				
N903	369	**Free-form Description**	X	AN	1/45	Used
		Description: Free-form descriptive text				
		THD Requirements: *Inbound carrier name. May be different than carrier when product left the store. Only used when there is a carrier damage adjustment.*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

CS Contract Summary

Pos: 0500	Max: 1
Detail - Optional	
Loop: 0300	Elements: 7

User Option (Usage): Used
Purpose: To provide information about a contract

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CS01	367	**Contract Number**	O	AN	1/30	Used
		Description: Contract number				
		THD Requirements: *RTV Comp User ID*				
CS02	327	**Change Order Sequence Number**	O	AN	1/8	Used
		Description: Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set				
		THD Requirements: *RTV RSN Code*				
CS04	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		RZ Returned Goods Authorization Number				
CS05	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Vendor assigned RGA Text*				
CS06	324	**Purchase Order Number**	O	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		THD Requirements: *Inbound PO Number*				
CS17	1073	**Yes/No Condition or Response Code**	O	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response				
		THD Requirements: *Resent Indicator*				
		CodeList Summary (Total Codes: 4, Included: 2)				
		Code **Name**				
		N No				
		Y Yes				
CS18	1073	**Yes/No Condition or Response Code**	O	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response				
		THD Requirements:				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		“Y” (HD.com item) *"N” (not an HD.com item)*				

CodeList Summary (Total Codes: 4, Included: 2)

Code	Name
N	No
Y	Yes

Syntax Rules:

1. P0405 - If either CS04 or CS05 is present, then the other is required.

Semantics:

1. CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity.
2. CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity.
3. CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken.
4. CS14 is the Unit of Measure stipulated in the contract.
5. CS15 is the contract line item number (CLIN) unit price specified in the contract.
6. CS17 conveys the Critical Application Indicator. A "Y" indicates that a Critical Application Indicator is specified in the contract; an "N" indicates that no Critical Application Indicator is specified in the contract.
7. CS18 conveys the Special Requirements Indicator. A "Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract; an "N" indicates that no Special Requirements Indicator is specified in the contract.

G62 Date/Time

Pos: 0800	Max: 10
Detail - Optional	
Loop: 0300	Elements: 4

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Used
		Description: Code specifying type of date **CodeList Summary** (Total Codes: 139, Included: 4) **Code** **Name** 40 Original Purchase Order Date 47 Released 91 Superseded Date BE Validated				
G6202	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **THD Requirements:** *91 for Batch Date* *40 for Inbound PO Creation Date* *BE for Adjustment Create Date* *47 for RTV Create Date*				
G6203	176	**Time Qualifier**	X	ID	1/2	Used
		Description: Code specifying the reported time **CodeList Summary** (Total Codes: 43, Included: 1) **Code** **Name** A Actual Departure Time				
G6204	337	**Time**	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) **THD Requirements:** *91 - Batch Time is only time required*				

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

Loop Party Identification

Pos: 1100 **Repeat: 50**
Optional
Loop: 0320 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1100	N1	Party Identification	O	1		Used

N1 Party Identification

Pos: 1100	Max: 1
Detail - Optional	
Loop: 0320	Elements: 3

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		OB Ordered By				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		FA Facility Identification				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements: *THD Store Number*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

SE Transaction Set Trailer

Pos: 2100	Max: 1
Detail - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

THE HOME DEPOT

CRTV EDI 846

Inventory Adjustments

846 Inventory Inquiry/Advice

X12/V4060/846: 846 Inventory Inquiry/Advice

Version: 1.0

Company:
Publication: **9/10/2010**

846 Inventory Inquiry/Advice

Functional Group=IB

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Notes:

3/0100 Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
0600	REF	Reference Information	O	12			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - LIN					**10000**		
0100	LIN	Item Identification	M	1			Must use
1000	DTM	Date/Time Reference	O	10			Used
1000	DTM	Date/Time Reference	O	10			Used
1400	REF	Reference Information	O	>1			Used
LOOP ID - QTY					**99**		
3200	QTY	Quantity Information	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		CodeList Summary (Total Codes: 18, Included: 1)				
		Code **Name**				
		00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **CodeList Summary** (Total Codes: 260, Included: 1) **Code** **Name** IB Inventory Inquiry/Advice (846)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used. (Total Codes: 2)**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **CodeList Summary** (Total Codes: 50, Included: 1)	M	AN	1/12	Must use

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **All valid standard codes are used. (Total Codes: 316)**	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BIA Beginning Segment for Inventory Inquiry/Advice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIA01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		THD Requirements: *00 for populated file* *SU for empty file*				
		CodeList Summary (Total Codes: 66, Included: 2) **Code** **Name** 00 Original SU Status Update				
BIA02	755	**Report Type Code**	M	ID	2/2	Must use
		Description: Code indicating the title or contents of a document, report or supporting item				
		CodeList Summary (Total Codes: 536, Included: 1) **Code** **Name** IP Inventory Parameter Report				
BIA03	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
BIA04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Semantics:

1. BIA03 identifies the number of the inquiry/advice that is transferred.
2. BIA04 identifies the date of the inquiry/advice that is transferred.
3. BIA05 identifies the time of the inquiry/advice that is transferred.

REF Reference Information

Pos: 0600	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		LU Location Number				
REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *RLC_LOC_NBR*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop Item Identification

Pos: 0100 Repeat: 10000
Mandatory
Loop: LIN Elements: N/A

User Option (Usage): Must use
Purpose: To specify basic item identification data

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	LIN	Item Identification	M	1		Must use
1000	DTM	Date/Time Reference	O	10		Used
1000	DTM	Date/Time Reference	O	10		Used
1400	REF	Reference Information	O	>1		Used
3200		Loop QTY	O		99	Used

LIN Item Identification

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 10

User Option (Usage): Must use
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		SK Stock Keeping Unit (SKU)				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
		THD Requirements: *SKU*				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		UP UCC - 12				
LIN05	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements: *UPC*				
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		THD Requirements: *Return Flag*				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		RA Return Code				
LIN07	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements: *Re-returned Flag*				
LIN08	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		CodeList Summary (Total Codes: 519, Included: 1) **Code** **Name** RY Record Keeping or Model Year				
LIN09	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service **THD Requirements:** *Inventory Flag (Y or N)*				
LIN10	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **THD Requirements:** *Finance Flag*				
		CodeList Summary (Total Codes: 519, Included: 1) **Code** **Name** FD Fund				
LIN11	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service **THD Requirements:** *Finance Flag (Y or N)*				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

DTM Date/Time Reference

Pos: 1000	Max: 10
Detail - Optional	
Loop: LIN	Elements: 3

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		THD Requirements: *Tag Create Date*				
		CodeList Summary (Total Codes: 1277, Included: 1)				
		Code **Name**				
		196 Start				
DTM02	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *The timestamp when the inventory count was captured*				
DTM03	337	**Time**	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
		THD Requirements: *The timestamp when the inventory count was captured*				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

DTM Date/Time Reference

Pos: 1000	Max: 10
Detail - Optional	
Loop: LIN	Elements: 3

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time **THD Requirements:** *Tag Create Date*				
		CodeList Summary (Total Codes: 1277, Included: 1) **Code** **Name** 565 Date of Property Inspection				
DTM02	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **THD Requirements:** *Tag # creation date is the date that the item was first assigned a tag number and entered into inventory.*				
DTM03	337	**Time**	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) **THD Requirements:** *Tag Create Time*				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

REF Reference Information

Pos: 1400	Max: >1
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 7)				

Code	Name
2I	Tracking Number
2S	Catalog
BB	Authorization Number
BP	Adjustment Control Number
DP	Department Number
JH	Tag
MR	Merchandise Type Code

REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

THD Requirements: *The Home Depot Requirements:*

MR Merchant Vendor Number
DP Department
BB Reason Code
BP Disposition Code
JH Tag Number
CS Catalog ID
2I Transaction Number

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop Quantity Information

Pos: 3200 **Repeat: 99**
Optional
Loop: QTY **Elements: N/A**

User Option (Usage): Used
Purpose: To specify quantity information

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3200	QTY	Quantity Information	O	1		Used

QTY Quantity Information

Pos: 3200	Max: 1
Detail - Optional	
Loop: QTY	Elements: 2

User Option (Usage): Used
Purpose: To specify quantity information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
QTY01	673	**Quantity Qualifier**	M	ID	2/2	Must use
		Description: Code specifying the type of quantity				
		CodeList Summary (Total Codes: 1110, Included: 1)				
		Code **Name**				
		28 Quantity Available for Return				
QTY02	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

THD Requirements:

28 Quantity Returned

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
		THD Requirements: *Total # of records Summary*				
CTT02	347	**Hash Total**	O	R	1/10	Used
		Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash Total				
		THD Requirements: *Quantity Summary*				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

```
ST*846*0271~
BIA*00*IP*173*20101206~
REF*LU*8615~
LIN**SK*103686***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101203*141936~
REF*MR*378147~
REF*DP*27~
REF*BP*9~
REF*BB*1320~
REF*JH*1710~
REF*2S*526~
REF*2I*40~
QTY*28*2~
LIN**SK*107837***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101206*112335~
REF*MR*17698~
REF*DP*26~
REF*BP*5~
REF*BB*1320~
REF*JH*1809~
REF*2S*557~
REF*2I*47~
QTY*28*2~
LIN**SK*113647***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*112134~
REF*MR*500901~
REF*DP*29~
REF*BP*7~
REF*BB*1320~
REF*JH*1616~
REF*2S*392~
REF*2I*8~
QTY*28*1~
LIN**SK*113647***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101204*154731~
REF*MR*500901~
REF*DP*29~
REF*BP*7~
REF*BB*1320~
REF*JH*1724~
REF*2S*489~
REF*2I*38~
QTY*28*1~
LIN**SK*117705***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101204*160320~
REF*MR*378795~
REF*DP*25~
REF*BP*5~
```

```
REF*BB*1320~
REF*JH*1725~
REF*2S*524~
REF*2I*39~
QTY*28*1~
LIN**SK*119215***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101206*105157~
REF*MR*819530~
REF*DP*29~
REF*BP*5~
REF*BB*1400~
REF*JH*1807~
REF*2S*555~
REF*2I*45~
QTY*28*2~
LIN**SK*136854***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101204*115917~
REF*MR*500901~
REF*DP*29~
REF*BP*9~
REF*BB*1320~
REF*JH*1720~
REF*2S*551~
REF*2I*43~
QTY*28*5~
LIN**SK*136854***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101204*115950~
REF*MR*500901~
REF*DP*29~
REF*BP*9~
REF*BB*1320~
REF*JH*1721~
REF*2S*552~
REF*2I*44~
QTY*28*3~
LIN**SK*150053***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101206*112811~
REF*MR*654000~
REF*DP*25~
REF*BP*7~
REF*BB*1320~
REF*JH*1810~
REF*2S*558~
REF*2I*48~
QTY*28*5~
LIN**SK*151793*UP*043197011824*RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*110102~
REF*MR*819530~
REF*DP*29~
```

```
REF*BP*5~
REF*BB*1320~
REF*JH*1611~
REF*2S*390~
REF*2I*3~
QTY*28*1~
LIN**SK*151793*UP*043197011824*RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*110100~
REF*MR*819530~
REF*DP*29~
REF*BP*5~
REF*BB*1320~
REF*JH*1610~
REF*2S*390~
REF*2I*4~
QTY*28*1~
LIN**SK*151793*UP*043197011824*RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*110057~
REF*MR*819530~
REF*DP*29~
REF*BP*5~
REF*BB*1320~
REF*JH*1609~
REF*2S*390~
REF*2I*5~
QTY*28*1~
LIN**SK*151793*UP*043197011824*RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*110030~
REF*MR*819530~
REF*DP*29~
REF*BP*5~
REF*BB*1320~
REF*JH*1608~
REF*2S*390~
REF*2I*6~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1657~
REF*2S*438~
REF*2I*10~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
```

```
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1656~
REF*2S*438~
REF*2I*11~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1655~
REF*2S*438~
REF*2I*12~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1654~
REF*2S*438~
REF*2I*13~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1653~
REF*2S*438~
REF*2I*14~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1652~
REF*2S*438~
REF*2I*15~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
```

```
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1651~
REF*2S*438~
REF*2I*16~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1650~
REF*2S*438~
REF*2I*17~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1649~
REF*2S*438~
REF*2I*18~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1648~
REF*2S*438~
REF*2I*19~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
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REF*2S*438~
REF*2I*20~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
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DTM*565*20101201*131310~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1646~
REF*2S*438~
REF*2I*21~
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LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1645~
REF*2S*438~
REF*2I*22~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1644~
REF*2S*438~
REF*2I*23~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1643~
REF*2S*438~
REF*2I*24~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
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REF*BB*1320~
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REF*2S*438~
REF*2I*25~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
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DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1641~
REF*2S*438~
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QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1640~
REF*2S*438~
REF*2I*27~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1639~
REF*2S*438~
REF*2I*28~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1638~
REF*2S*438~
REF*2I*29~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*2001201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1637~
REF*2S*438~
REF*2I*30~
QTY*28*1~
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LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
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REF*2S*438~
REF*2I*31~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
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DTM*565*20101201*131309~
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REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1635~
REF*2S*438~
REF*2I*32~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
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DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1634~
REF*2S*438~
REF*2I*33~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
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DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1633~
REF*2S*438~
REF*2I*34~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1632~
REF*2S*438~
REF*2I*35~
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QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131309~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1631~
REF*2S*438~
REF*2I*36~
QTY*28*1~
LIN**SK*159185***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*131217~
REF*MR*640105~
REF*DP*28~
REF*BP*9~
REF*BB*1320~
REF*JH*1630~
REF*2S*438~
REF*2I*37~
QTY*28*1~
LIN**SK*161110***RA*N*RY*N*FD*Y~
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DTM*565*20101201*105847~
REF*MR*819530~
REF*DP*29~
REF*BP*5~
REF*BB*1320~
REF*JH*1607~
REF*2S*391~
REF*2I*7~
QTY*28*6~
LIN**SK*219611***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*105340~
REF*MR*81877~
REF*DP*22~
REF*BP*5~
REF*BB*1320~
REF*JH*1606~
REF*2S*394~
REF*2I*9~
QTY*28*1~
LIN**SK*224831***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101206*105233~
REF*MR*819530~
REF*DP*29~
REF*BP*5~
REF*BB*1400~
REF*JH*1808~
REF*2S*556~

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QTY*28*1~
LIN**SK*457016***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101201*104530~
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REF*DP*22~
REF*BP*7~
REF*BB*1320~
REF*JH*1604~
REF*2S*389~
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QTY*28*1~
LIN**SK*485739***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
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REF*MR*69017~
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REF*BB*1320~
REF*JH*1811~
REF*2S*563~
REF*2I*52~
QTY*28*4~
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DTM*565*20101206*135912~
REF*MR*696003~
REF*DP*29~
REF*BP*7~
REF*BB*1320~
REF*JH*1819~
REF*2S*560~
REF*2I*49~
QTY*28*1~
LIN**SK*610433***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101206*104058~
REF*MR*696003~
REF*DP*29~
REF*BP*5~
REF*BB*1320~
REF*JH*1806~
REF*2S*561~
REF*2I*50~
QTY*28*20~
LIN**SK*610433***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101206*103732~
REF*MR*696003~
REF*DP*29~
REF*BP*8~
REF*BB*1320~
REF*JH*1805~
```

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REF*2S*562~
REF*2I*51~
QTY*28*10~
LIN**SK*701280***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101123*123349~
REF*MR*500901~
REF*DP*29~
REF*BP*7~
REF*BB*1320~
REF*JH*1422~
REF*2S*330~
REF*2I*1~
QTY*28*8~
LIN**SK*701280***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101204*115444~
REF*MR*500901~
REF*DP*29~
REF*BP*9~
REF*BB*1320~
REF*JH*1718~
REF*2S*549~
REF*2I*41~
QTY*28*5~
LIN**SK*701280***RA*N*RY*N*FD*Y~
DTM*196*20101206*144557~
DTM*565*20101204*115526~
REF*MR*500901~
REF*DP*29~
REF*BP*9~
REF*BB*1320~
REF*JH*1719~
REF*2S*550~
REF*2I*42~
QTY*28*3~
CTT*52*114~
SE*577*0271~
```

812 Credit/Debit Adjustment

X12/V4060/812: 812 Credit/Debit Adjustment

Version: 1.0 Draft

Author:	**The Home Depot**
Company:	
Publication:	**2/3/2011**
Trading Partner:	
Notes:	

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812 Credit/Debit Adjustment

Functional Group=CD

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Credit/Debit Adjustment Transaction Set (812) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to notify a trading partner of an adjustment or billback and may be used to request an adjustment or billback. It identifies and contains the details and amounts covering exceptions, adjustments, credits, or debits for goods or services. This transaction set is multidirectional between trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BCD	Beginning Credit/Debit Adjustment	M	1		N1/0200	Must use
0400	N9	Extended Reference Information	O	>1			Must use
0800	FOB	F.O.B. Related Instructions	O	1			Used
0900	SHD	Shipment Detail	O	>1		N1/0900	Must use
LOOP ID - N1					**200**		
1000	N1	Party Identification	M	1			Must use
1200	N3	Party Location	O	2			Must use
1300	N4	Geographic Location	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CDD					**>1**		
1600	CDD	Credit/Debit Adjustment Detail	O	1			Must use
1700	LIN	Item Identification	O	1			Must use
2700	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/0200 BCD05 indicates whether the net of the detail is a credit or a debit.

1/0900 SHD is used to indicate shipment detail relative to credit or debit of returned product.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 260, Included: 1)				
		Code **Name**				
		CD Credit/Debit Adjustment (812)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				
		CodeList Summary (Total Codes: 50, Included: 1)				
		Code **Name**				

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 316, Included: 1)				
		Code **Name**				
		812 Credit/Debit Adjustment				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
ST03	1705	**Implementation Convention Reference**	O	AN	1/35	Used
		Description: Reference assigned to identify Implementation Convention				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BCD Beginning Credit/Debit Adjustment

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 15**

User Option (Usage): Must use

Purpose: To transmit identifying dates and numbers for the transaction set and indicate the monetary value to the receiver of the transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD01	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *RTV File: RTV Date* *Chargeback File: Current Date*				
BCD02	475	**Credit/Debit Adjustment Number**	M	AN	1/22	Must use
		Description: Number assigned by issuer of a credit or debit memo				
		THD Requirements: *RTV File: RTV Number* *Chargeback File: Hardcoded Zero '0'*				
BCD03	305	**Transaction Handling Code**	M	ID	1/2	Must use
		Description: Code designating the action to be taken by all parties				
		THD Requirements: *RTV File: O* *Chargeback File: A*				
		CodeList Summary (Total Codes: 23, Included: 2)				
		Code **Name** A Off Invoice (Deduction from Original Invoice) O Deduct from Next Remittance				
BCD04	610	**Amount**	M	N2	1/15	Must use
		Description: Monetary amount				
BCD05	478	**Credit/Debit Flag Code**	M	ID	1/1	Must use
		Description: Code indicating whether amount is a credit or debit				
BCD06	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *Chargeback File: Will only be populated for Chargegack files with Invoice Date*				
BCD07	76	**Invoice Number**	X	AN	1/22	Must use
		Description: Identifying number assigned by issuer				
		THD Requirements: *RTV File: Will be hardcoded with Zero (0) for RTV Files* *Chargeback File: Will only be populated for Chargeback Files*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD08	424	**Vendor Order Number**	O	AN	1/22	Used
		Description: Number assigned by a vendor referencing a particular customer purchase order				
BCD09	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *Will only be populated for Chargeback Files*				
BCD10	324	**Purchase Order Number**	X	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		THD Requirements: *Will only be populated for Chargeback Files*				
BCD11	353	**Transaction Set Purpose Code**	O	ID	2/2	Used
		Description: Code identifying purpose of transaction set				
BCD12	640	**Transaction Type Code**	O	ID	2/2	Used
		Description: Code specifying the type of transaction				
BCD13	128	**Reference Identification Qualifier**	X	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		ST Store Number				
BCD14	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Home Depot Store Number*				
BCD15	306	**Action Code**	O	ID	1/2	Must use
		Description: Code indicating type of action				

Syntax Rules:

1. R071014 - At least one of BCD07, BCD10 or BCD14 is required.
2. P1314 - If either BCD13 or BCD14 is present, then the other is required.

Semantics:

1. BCD01 is the credit/debit adjustment date.
2. BCD04 is the net amount of this complete transaction.
3. BCD06 is the invoice date.
4. BCD09 is the purchase order date.

Comments:

1. If using BCD07 or BCD10, do not use BCD14 to identify invoice number or purchase order number.

2. For BCD11, only codes 00, 05, 06, 07, and 15 are permitted to be used.

N9 Extended Reference Information

Pos: 0400	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1703, Included: 12)

Code	Name
2I	Tracking Number
	THD Requirements:
	Carrier Tracking Number for RTV Files
DP	Department Number
FR	Freight Bill Number
FS	Final Sequence Number
	THD Requirements:
	Ending Freight bill Number where multiple Freight Bills are sent
L1	Letters or Notes
	THD Requirements:
	Reason Code for Chargeback File
MB	Master Bill of Lading
	THD Requirements:
	MB - Master Shipping Number
MR	Merchandise Type Code
RV	Receiving Number
RZ	Returned Goods Authorization Number
VR	Vendor ID Number
VV	Voucher
ZZ	Mutually Defined
	THD Requirements:
	Disposal Code for Chargeback Files

N902	127	**Reference Identification**	X	AN	1/50	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

THD Requirements:
Reason Code for L1 Qualifier
01-Manufacturer Defect
02-Non Stock
03-S/O Overage
06-Buyback
09-Pkg Damaged/Missing
10-Dead Plant
11-Product Safety Issue

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		12-Missing Parts *13-Vendor Err Mis-ship* *14-Customer Choice* *15-Ordered Incorrectly* *17-Pallet Return* *18-Freight Claim Concealed* *19-Freight Claim Visible* *20-Labor Charge Back* *21-Safety Recall* *22-E-Crate* *24-Direct ship Not Recvd* *25-Auto RTV PTS Vendor* *Disposal Code for ZZ Qualifier* *05-Destroy for Credit* *07-Return for Credit Defective* *09-Return for Credit Non-Defective* *13-Self Service Destroy* *14-Process for Credit*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

FOB F.O.B. Related Instructions

Pos: 0800	Max: 1
Heading - Optional	
Loop: N/A	Elements: 9

User Option (Usage): Used
Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use
		Description: Code identifying payment terms for transportation charges				
		THD Requirements: *PC-Add* *CC-Collect* *PO-Prepaid*				
		CodeList Summary (Total Codes: 31, Included: 3)				
		Code **Name** CC Collect PC Prepaid but Charged to Customer PP Prepaid (by Seller)				
FOB02	309	**Location Qualifier**	X	ID	1/2	Used
		Description: Code identifying type of location				
FOB03	352	**Description**	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
FOB04	334	**Transportation Terms Qualifier Code**	O	ID	2/2	Used
		Description: Code identifying the source of the transportation terms				
FOB05	335	**Transportation Terms Code**	X	ID	3/3	Used
		Description: Code identifying the trade terms which apply to the shipment transportation responsibility				
		THD Requirements: *THD Requirement: Hardcoded ZZZ if FOB11 exists*				
		CodeList Summary (Total Codes: 24, Included: 1)				
		Code **Name** ZZZ Mutually Defined				
FOB06	309	**Location Qualifier**	X	ID	1/2	Used
		Description: Code identifying type of location				
		THD Requirements: *DE-Destination* *OR-Origin* *KL-Shipping Origin Point*				
		CodeList Summary (Total Codes: 184, Included: 3)				
		Code **Name** DE Destination (Shipping)				

Code	Name
KL	Port of Loading
OR	Origin (Shipping Point)

FOB07	352	**Description**	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
FOB08	54	**Risk of Loss Code**	O	ID	2/2	Used
		Description: Code specifying where responsibility for risk of loss passes				
FOB09	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

SHD Shipment Detail

Pos: 0900	Max: >1
Heading - Optional	
Loop: N/A	Elements: 14

User Option (Usage): Must use

Purpose: To indicate shipment details in terms of quantity, weight, and routing instructions related to credit or debit of returned product

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SHD01	382	**Number of Units Shipped**	X	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
		THD Requirements: *RTV File: Carton Count* *Chargeback File: Cartons Shipped*				
SHD02	413	**Quantity Received**	X	R	1/7	Must use
		Description: Number of shipping units received				
		THD Requirements: *Chargeback File: Cartons Received*				
SHD03	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 811, Included: 1) **Code** **Name** CT Carton				
SHD04	81	**Weight**	X	R	1/10	Used
		Description: Numeric value of weight				
SHD05	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
SHD06	183	**Volume**	X	R	1/8	Used
		Description: Value of volumetric measure				
SHD07	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
SHD08	398	**Order Sizing Factor**	O	R	1/10	Used
		Description: A product specification other than gross or net weight, or cubic feet for a line item or transaction used for order sizing and pricing purposes				
SHD09	417	**Price Bracket Identifier**	O	AN	1/3	Used
		Description: Identifier assigned by the vendor for a specific price bracket				
SHD10	91	**Transportation Method/Type Code**	O	ID	1/2	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code specifying the method or type of transportation for the shipment				
SHD11	140	**Standard Carrier Alpha Code**	O	ID	2/4	Used
		Description: Standard Carrier Alpha Code				
		THD Requirements: *RTV File: Provides SCAC*				
SHD12	368	**Shipment/Order Status Code**	O	ID	2/2	Used
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction				
SHD13	128	**Reference Identification Qualifier**	O	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name** ZZ Mutually Defined				
SHD14	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Chargeback File: Carrier Name*				

Syntax Rules:

1. R0102 - At least one of SHD01 or SHD02 is required.
2. C0103 - If SHD01 is present, then SHD03 is required.
3. C0203 - If SHD02 is present, then SHD03 is required.
4. P0405 - If either SHD04 or SHD05 is present, then the other is required.
5. P0607 - If either SHD06 or SHD07 is present, then the other is required.
6. C1314 - If SHD13 is present, then SHD14 is required.

Comments:

1. SHD13 and SHD14 are used to identify pertinent numbers associated with shipment detail.

Loop Party Identification

Pos: 1000	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1000	N1	Party Identification	M	1		Must use
1200	N3	Party Location	O	2		Must use
1300	N4	Geographic Location	O	1		Must use

N1 Party Identification

Pos: 1000	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 6

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		THD Requirements: *RTV File: SN will be used for Store Number*				
		CodeList Summary (Total Codes: 1494, Included: 3)				
		Code **Name** BT Bill-to-Party SN Store ST Ship To				
N102	93	**Name**	X	AN	1/60	Must use
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
N105	706	**Entity Relationship Code**	O	ID	2/2	Used
		Description: Code describing entity relationship				
N106	98	**Entity Identifier Code**	O	ID	2/3	Used
		Description: Code identifying an organizational entity, a physical location, property or an individual				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 1200	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 1300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Credit/Debit Adjustment Detail

Pos: 1600 **Repeat: >1**
Optional
Loop: CDD **Elements: N/A**

User Option (Usage): Must use
Purpose: To provide information relative to a line item adjustment

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1600	CDD	Credit/Debit Adjustment Detail	O	1		Must use
1700	LIN	Item Identification	O	1		Must use

CDD Credit/Debit Adjustment Detail

Pos: 1600 **Max: 1**
Detail - Optional
Loop: CDD **Elements: 10**

User Option (Usage): Must use
Purpose: To provide information relative to a line item adjustment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD01	426	**Adjustment Reason Code**	M	ID	2/2	Must use
		Description: Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment				
		CodeList Summary (Total Codes: 481, Included: 13)				

Code	Name
01	Pricing Error
06	Quantity Contested
10	Pallet/Container Charge Error
24	Incorrect Discount
54	Freight Deducted
55	Tax Deducted
98	Labor Charges
B7	Restocking Charge
BA	Canadian Goods and Services Tax
BB	Quebec Goods and Services Tax
BC	Canadian Harmonized Goods and Services Tax
RL	Freight on Returns Outbound Only
	THD Requirements:
	Centralized Return To Vendor Freight Charge
RM	Returned Material

CDD02	478	**Credit/Debit Flag Code**	M	ID	1/1	Must use
		Description: Code indicating whether amount is a credit or debit				
CDD04	610	**Amount**	X	N2	1/15	Used
		Description: Monetary amount				
CDD07	477	**Credit/Debit Quantity**	X	R	1/10	Must use
		Description: Number of supplier units credited or debited				
		THD Requirements: *RTV File: Quantity* *Chargeback File: Difference between Invoiced Quantity and Received Quantity on Shortage* *Amounts Received Quantity for Price Discrepancy*				
CDD08	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

CodeList Summary (Total Codes: 811, Included: 2)

Code	Name
EA	Each
ZZ	Mutually Defined

CDD10	236	**Price Identifier Code**	X	ID	3/3	Must use

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 168, Included: 1)

Code	Name
UCP	Unit cost price

CDD11	212	**Unit Price**	X	R	1/17	Must use

Description: Price per unit of product, service, commodity, etc.

THD Requirements:
RTV File: Unit Cost
Chargeback File: Chargeback Authorization Cost

CDD12	236	**Price Identifier Code**	X	ID	3/3	Must use

Description: Code identifying pricing specification

THD Requirements:
ICL for Extended Cost for RTV Files
INV for Invoice Cost for AP Files

CodeList Summary (Total Codes: 168, Included: 2)

Code	Name
ICL	Unit Price Through Quantity
INV	Invoice Billing Price

CDD13	212	**Unit Price**	X	R	1/17	Must use

Description: Price per unit of product, service, commodity, etc.

THD Requirements:
RTV File: ICL for Extended Cost
Chargeback File: INV for Invoice Cost

CDD14	933	**Free-form Message Text**	O	AN	1/264	Used

Description: Free-form message text

THD Requirements:
RTV File: SKU Description for RTV Files

Syntax Rules:

1. R0407 - At least one of CDD04 or CDD07 is required.
2. C0711 - If CDD07 is present, then CDD11 is required.
3. P0708 - If either CDD07 or CDD08 is present, then the other is required.
4. P1011 - If either CDD10 or CDD11 is present, then the other is required.
5. P1213 - If either CDD12 or CDD13 is present, then the other is required.

Semantics:

1. CDD05 is the code indicating whether adjustment is for returned goods. A "Y" confirms that the adjustment is for returned goods.
2. CDD14 is used only to further clarify the adjustment reason code in CDD01.

Comments:

1. If comparison pricing is used, then CDD12 and CDD13 are required.

LIN Item Identification

Pos: 1700	Max: 1
Detail - Optional	
Loop: CDD	Elements: 6

User Option (Usage): Must use
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** SK Stock Keeping Unit (SKU)				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service **THD Requirements:** *SKU Number*				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** VP Vendor's (Seller's) Part Number				
LIN05	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service **THD Requirements:** *Vendor Part Number*				
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** PO Purchase Order Number				
LIN07	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service **THD Requirements:** *RTV File: PO Number at Detail Level in RTV file only*				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.

3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

SE Transaction Set Trailer

Pos: 2700	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

HOME DEPOT -- EDI
Chargeback/RTV Document

Chargeback Type	Corresponding EDI Value
Pricing Error	CDD*01
Quantity Contested	CDD*06
Pallet/Container Charge Error	CDD*10
Incorrect Discount	CDD*24
Freight Charge	CDD*54
City Tax	CDD*55
State Tax	CDD*55
Labor Charges	CDD*98
Restocking Charge	CDD*B7
Canadian Goods and Services Tax	CDD*BA
Quebec Goods and Services Tax	CDD*BB
Canadian Harmonized Goods and Services Tax	CDD*BC
Centralized Return To Vendor Freight Fee Charge	CDD*RL

812 Credit/Debit Adjustment

X12/V4060/812: 812 Credit/Debit Adjustment

Version: 1.0 Draft

Author:	**The Home Depot**
Company:	
Publication:	**5/25/2011**
Trading Partner:	
Notes:	

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812 Credit/Debit Adjustment

Functional Group=CD

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Credit/Debit Adjustment Transaction Set (812) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to notify a trading partner of an adjustment or billback and may be used to request an adjustment or billback. It identifies and contains the details and amounts covering exceptions, adjustments, credits, or debits for goods or services. This transaction set is multidirectional between trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BCD	Beginning Credit/Debit Adjustment	M	1		N1/0200	Must use
0400	N9	Extended Reference Information	O	>1			Must use
0800	FOB	F.O.B. Related Instructions	O	1			Used
0900	SHD	Shipment Detail	O	>1		N1/0900	Must use
LOOP ID - N1					**200**		
1000	N1	Party Identification	M	1			Must use
1200	N3	Party Location	O	2			Must use
1300	N4	Geographic Location	O	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CDD					**>1**		
1600	CDD	Credit/Debit Adjustment Detail	O	1			Must use
1700	LIN	Item Identification	O	1			Must use
2700	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/0200 BCD05 indicates whether the net of the detail is a credit or a debit.

1/0900 SHD is used to indicate shipment detail relative to credit or debit of returned product.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 260, Included: 1)				
		Code **Name**				
		CD Credit/Debit Adjustment (812)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				
		CodeList Summary (Total Codes: 50, Included: 1)				
		Code **Name**				

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 316, Included: 1)				
		Code **Name**				
		812 Credit/Debit Adjustment				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
ST03	1705	**Implementation Convention Reference**	O	AN	1/35	Used
		Description: Reference assigned to identify Implementation Convention				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BCD Beginning Credit/Debit Adjustment

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 15**

User Option (Usage): Must use

Purpose: To transmit identifying dates and numbers for the transaction set and indicate the monetary value to the receiver of the transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD01	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *RTV File: RTV Date* *Chargeback File: Current Date*				
BCD02	475	**Credit/Debit Adjustment Number**	M	AN	1/22	Must use
		Description: Number assigned by issuer of a credit or debit memo				
		THD Requirements: *RTV File: RTV Number* *Chargeback File: Hardcoded Zero '0'*				
BCD03	305	**Transaction Handling Code**	M	ID	1/2	Must use
		Description: Code designating the action to be taken by all parties				
		THD Requirements: *RTV File: O* *Chargeback File: A*				
		CodeList Summary (Total Codes: 23, Included: 2)				
		Code **Name** A Off Invoice (Deduction from Original Invoice) O Deduct from Next Remittance				
BCD04	610	**Amount**	M	N2	1/15	Must use
		Description: Monetary amount				
BCD05	478	**Credit/Debit Flag Code**	M	ID	1/1	Must use
		Description: Code indicating whether amount is a credit or debit				
BCD06	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *Chargeback File: Will only be populated for Chargegack files with Invoice Date*				
BCD07	76	**Invoice Number**	X	AN	1/22	Must use
		Description: Identifying number assigned by issuer				
		THD Requirements: *RTV File: Will be hardcoded with Zero (0) for RTV Files* *Chargeback File: Will only be populated for Chargeback Files*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD08	424	**Vendor Order Number**	O	AN	1/22	Used
		Description: Number assigned by a vendor referencing a particular customer purchase order				
BCD09	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *Will only be populated for Chargeback Files*				
BCD10	324	**Purchase Order Number**	X	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		THD Requirements: *Will only be populated for Chargeback Files*				
BCD11	353	**Transaction Set Purpose Code**	O	ID	2/2	Used
		Description: Code identifying purpose of transaction set				
BCD12	640	**Transaction Type Code**	O	ID	2/2	Used
		Description: Code specifying the type of transaction				
BCD13	128	**Reference Identification Qualifier**	X	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		ST Store Number				
BCD14	127	**Reference Identification**	X	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Home Depot Store Number*				
BCD15	306	**Action Code**	O	ID	1/2	Must use
		Description: Code indicating type of action				

Syntax Rules:

1. R071014 - At least one of BCD07, BCD10 or BCD14 is required.
2. P1314 - If either BCD13 or BCD14 is present, then the other is required.

Semantics:

1. BCD01 is the credit/debit adjustment date.
2. BCD04 is the net amount of this complete transaction.
3. BCD06 is the invoice date.
4. BCD09 is the purchase order date.

Comments:

1. If using BCD07 or BCD10, do not use BCD14 to identify invoice number or purchase order number.

2. For BCD11, only codes 00, 05, 06, 07, and 15 are permitted to be used.

N9 Extended Reference Information

Pos: 0400	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1703, Included: 12)

Code	Name
2I	Tracking Number
	THD Requirements:
	Carrier Tracking Number for RTV Files
DP	Department Number
FR	Freight Bill Number
FS	Final Sequence Number
	THD Requirements:
	Ending Freight bill Number where multiple Freight Bills are sent
L1	Letters or Notes
	THD Requirements:
	Reason Code for Chargeback File
MB	Master Bill of Lading
	THD Requirements:
	MB - Master Shipping Number
MR	Merchandise Type Code
RV	Receiving Number
RZ	Returned Goods Authorization Number
VR	Vendor ID Number
VV	Voucher
ZZ	Mutually Defined
	THD Requirements:
	Disposal Code for Chargeback Files

N902	127	**Reference Identification**	X	AN	1/50	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

THD Requirements:
Reason Code for L1 Qualifier
01-Manufacturer Defect
02-Non Stock
03-S/O Overage
06-Buyback
09-Pkg Damaged/Missing
10-Dead Plant
11-Product Safety Issue

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		12-Missing Parts *13-Vendor Err Mis-ship* *14-Customer Choice* *15-Ordered Incorrectly* *17-Pallet Return* *18-Freight Claim Concealed* *19-Freight Claim Visible* *20-Labor Charge Back* *21-Safety Recall* *22-E-Crate* *24-Direct ship Not Recvd* *25-Auto RTV PTS Vendor* *Disposal Code for ZZ Qualifier* *05-Destroy for Credit* *07-Return for Credit Defective* *09-Return for Credit Non-Defective* *13-Self Service Destroy* *14-Process for Credit*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

FOB F.O.B. Related Instructions

Pos: 0800	Max: 1
Heading - Optional	
Loop: N/A	Elements: 9

User Option (Usage): Used
Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use
		Description: Code identifying payment terms for transportation charges				
		THD Requirements: *PC-Add* *CC-Collect* *PO-Prepaid*				
		CodeList Summary (Total Codes: 31, Included: 3)				
		Code **Name** CC Collect PC Prepaid but Charged to Customer PP Prepaid (by Seller)				
FOB02	309	**Location Qualifier**	X	ID	1/2	Used
		Description: Code identifying type of location				
FOB03	352	**Description**	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
FOB04	334	**Transportation Terms Qualifier Code**	O	ID	2/2	Used
		Description: Code identifying the source of the transportation terms				
FOB05	335	**Transportation Terms Code**	X	ID	3/3	Used
		Description: Code identifying the trade terms which apply to the shipment transportation responsibility				
		THD Requirements: *THD Requirement: Hardcoded ZZZ if FOB11 exists*				
		CodeList Summary (Total Codes: 24, Included: 1)				
		Code **Name** ZZZ Mutually Defined				
FOB06	309	**Location Qualifier**	X	ID	1/2	Used
		Description: Code identifying type of location				
		THD Requirements: *DE-Destination* *OR-Origin* *KL-Shipping Origin Point*				
		CodeList Summary (Total Codes: 184, Included: 3)				
		Code **Name** DE Destination (Shipping)				

Code	Name
KL	Port of Loading
OR	Origin (Shipping Point)

FOB07	352	**Description**	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
FOB08	54	**Risk of Loss Code**	O	ID	2/2	Used
		Description: Code specifying where responsibility for risk of loss passes				
FOB09	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

SHD Shipment Detail

Pos: 0900 **Max: >1**
Heading - Optional
Loop: N/A **Elements: 14**

User Option (Usage): Must use

Purpose: To indicate shipment details in terms of quantity, weight, and routing instructions related to credit or debit of returned product

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SHD01	382	**Number of Units Shipped**	X	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
		THD Requirements: *RTV File: Carton Count* *Chargeback File: Cartons Shipped*				
SHD02	413	**Quantity Received**	X	R	1/7	Must use
		Description: Number of shipping units received				
		THD Requirements: *Chargeback File: Cartons Received*				
SHD03	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 811, Included: 1) **Code** **Name** CT Carton				
SHD04	81	**Weight**	X	R	1/10	Used
		Description: Numeric value of weight				
SHD05	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
SHD06	183	**Volume**	X	R	1/8	Used
		Description: Value of volumetric measure				
SHD07	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
SHD08	398	**Order Sizing Factor**	O	R	1/10	Used
		Description: A product specification other than gross or net weight, or cubic feet for a line item or transaction used for order sizing and pricing purposes				
SHD09	417	**Price Bracket Identifier**	O	AN	1/3	Used
		Description: Identifier assigned by the vendor for a specific price bracket				
SHD10	91	**Transportation Method/Type Code**	O	ID	1/2	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code specifying the method or type of transportation for the shipment				
SHD11	140	**Standard Carrier Alpha Code**	O	ID	2/4	Used
		Description: Standard Carrier Alpha Code				
		THD Requirements: *RTV File: Provides SCAC*				
SHD12	368	**Shipment/Order Status Code**	O	ID	2/2	Used
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction				
SHD13	128	**Reference Identification Qualifier**	O	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1) **Code** **Name** ZZ Mutually Defined				
SHD14	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Chargeback File: Carrier Name*				

Syntax Rules:

1. R0102 - At least one of SHD01 or SHD02 is required.
2. C0103 - If SHD01 is present, then SHD03 is required.
3. C0203 - If SHD02 is present, then SHD03 is required.
4. P0405 - If either SHD04 or SHD05 is present, then the other is required.
5. P0607 - If either SHD06 or SHD07 is present, then the other is required.
6. C1314 - If SHD13 is present, then SHD14 is required.

Comments:

1. SHD13 and SHD14 are used to identify pertinent numbers associated with shipment detail.

Loop Party Identification

Pos: 1000	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1000	N1	Party Identification	M	1		Must use
1200	N3	Party Location	O	2		Must use
1300	N4	Geographic Location	O	1		Must use

N1 Party Identification

Pos: 1000	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 6

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		THD Requirements: *RTV File: SN will be used for Store Number*				
		CodeList Summary (Total Codes: 1494, Included: 3)				
		Code **Name**				
		BT Bill-to-Party				
		SN Store				
		ST Ship To				
N102	93	**Name**	X	AN	1/60	Must use
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
N105	706	**Entity Relationship Code**	O	ID	2/2	Used
		Description: Code describing entity relationship				
N106	98	**Entity Identifier Code**	O	ID	2/3	Used
		Description: Code identifying an organizational entity, a physical location, property or an individual				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 1200	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 1300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Credit/Debit Adjustment Detail

Pos: 1600 **Repeat: >1**
Optional
Loop: CDD **Elements: N/A**

User Option (Usage): Must use
Purpose: To provide information relative to a line item adjustment

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1600	CDD	Credit/Debit Adjustment Detail	O	1		Must use
1700	LIN	Item Identification	O	1		Must use

CDD Credit/Debit Adjustment Detail

Pos: 1600 **Max: 1**
Detail - Optional
Loop: CDD **Elements: 10**

User Option (Usage): Must use
Purpose: To provide information relative to a line item adjustment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD01	426	**Adjustment Reason Code**	M	ID	2/2	Must use
		Description: Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment				
		CodeList Summary (Total Codes: 481, Included: 12)				

Code	Name
01	Pricing Error
06	Quantity Contested
10	Pallet/Container Charge Error
24	Incorrect Discount
54	Freight Deducted
55	Tax Deducted
98	Labor Charges
B7	Restocking Charge
BA	Canadian Goods and Services Tax
BB	Quebec Goods and Services Tax
BC	Canadian Harmonized Goods and Services Tax
RM	Returned Material

CDD02	478	**Credit/Debit Flag Code**	M	ID	1/1	Must use
		Description: Code indicating whether amount is a credit or debit				
CDD04	610	**Amount**	X	N2	1/15	Used
		Description: Monetary amount				
CDD07	477	**Credit/Debit Quantity**	X	R	1/10	Must use
		Description: Number of supplier units credited or debited				
		THD Requirements: *RTV File: Quantity* *Chargeback File: Difference between Invoiced Quantity and Received Quantity on Shortage* *Amounts Received Quantity for Price Discrepancy*				
CDD08	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 811, Included: 28)				

Code	Name
BD	Bundle

Code	Name
BF	Board Feet
BG	Bag
BM	Bolt
BX	Box
CA	Case
CT	Carton
EA	Each
FT	Foot
GA	Gallon
LB	Pound
LF	Linear Foot
LN	Length
LY	Linear Yard
PA	Pail
PC	Piece
PF	Pallet (Lift)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QT	Quart
RL	Roll
SF	Square Foot
ST	Set
SY	Square Yard
YD	Yard
ZZ	Mutually Defined

CDD10	236	**Price Identifier Code**	X	ID	3/3	Must use

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 168, Included: 1)

Code	Name
UCP	Unit cost price

CDD11	212	**Unit Price**	X	R	1/17	Must use

Description: Price per unit of product, service, commodity, etc.

THD Requirements:
RTV File: Unit Cost
Chargeback File: Chargeback Authorization Cost

CDD12	236	**Price Identifier Code**	X	ID	3/3	Must use

Description: Code identifying pricing specification

THD Requirements:
ICL for Extended Cost for RTV Files
INV for Invoice Cost for AP Files

CodeList Summary (Total Codes: 168, Included: 2)

Code	Name
ICL	Unit Price Through Quantity
INV	Invoice Billing Price

CDD13	212	**Unit Price**	X	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
		THD Requirements: *RTV File: ICL for Extended Cost* *Chargeback File: INV for Invoice Cost*				
CDD14	933	**Free-form Message Text**	O	AN	1/264	Used
		Description: Free-form message text				
		THD Requirements: *RTV File: SKU Description for RTV Files*				

Syntax Rules:

1. R0407 - At least one of CDD04 or CDD07 is required.
2. C0711 - If CDD07 is present, then CDD11 is required.
3. P0708 - If either CDD07 or CDD08 is present, then the other is required.
4. P1011 - If either CDD10 or CDD11 is present, then the other is required.
5. P1213 - If either CDD12 or CDD13 is present, then the other is required.

Semantics:

1. CDD05 is the code indicating whether adjustment is for returned goods. A "Y" confirms that the adjustment is for returned goods.
2. CDD14 is used only to further clarify the adjustment reason code in CDD01.

Comments:

1. If comparison pricing is used, then CDD12 and CDD13 are required.

LIN Item Identification

Pos: 1700	Max: 1
Detail - Optional	
Loop: CDD	Elements: 6

User Option (Usage): Must use
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** SK Stock Keeping Unit (SKU)				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service **THD Requirements:** *SKU Number*				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** VP Vendor's (Seller's) Part Number				
LIN05	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service **THD Requirements:** *Vendor Part Number*				
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** PO Purchase Order Number				
LIN07	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service **THD Requirements:** *RTV File: PO Number at Detail Level in RTV file only*				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.

3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

SE Transaction Set Trailer

Pos: 2700	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

945 Warehouse Shipping Advice

X12/V4060/945: 945 Warehouse Shipping Advice

Version: 1.0 Final

Company:	**The Home Depot**
Publication:	**3/7/2011**
Trading Partner:	**CRTV**
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945 Warehouse Shipping Advice

Functional Group=SW

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Shipping Advice Transaction Set (945) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by the warehouse to advise the depositor that shipment was made. It is used to reconcile order quantities with shipment quantities.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	W06	Warehouse Shipment Identification	M	1			Must use
LOOP ID - 0100					**10**		
0400	N1	Party Identification	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**>1**		
0050	LX	Transaction Set Line Number	O	1			Used
LOOP ID - 0310					**>1**		
0200	W12	Warehouse Item Detail	O	1			Used
0300	G69	Line Item Detail - Description	O	5			Used
0500	G62	Date/Time	O	10			Used
LOOP ID - 0320					**>1**		
0800	N1	Party Identification	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	W03	Total Shipment Information (Warehouse)	O	1			Used
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments **All valid standard codes are used. (Total Codes: 18)**				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used. (Total Codes: 2)**				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used. (Total Codes: 3)**				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **CodeList Summary** (Total Codes: 260, Included: 1) **Code** **Name** SW Warehouse Shipping Advice (945)	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used. (Total Codes: 2)**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed **CodeList Summary** (Total Codes: 50, Included: 1)	M	AN	1/12	Must use

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set **All valid standard codes are used. (Total Codes: 316)**				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
ST03	1705	**Implementation Convention Reference**	O	AN	1/35	Used
		Description: Reference assigned to identify Implementation Convention				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

W06 Warehouse Shipment Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To provide identifying numbers, dates, and other basic data for this transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0601	514	**Reporting Code**	M	ID	1/1	Must use
		Description: Code specifying the basis used when reporting shipment information				
		THD Requirement: **Use J-Original File** **Use X- Empty File**				
		CodeList Summary (Total Codes: 13, Included: 2)				
		Code **Name** J Original Transaction X Exceptions Only				
W0604	145	**Shipment Identification Number**	O	AN	1/30	Used
		Description: Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)				
		THD Requirement: **RLC location number**				
W0605	531	**Agent Shipment ID Number**	O	AN	1/12	Used
		Description: Identification number assigned to the shipment by the agent (Number does not contain blank or punctuation characters)				
		THD Requirement: **Doc Trace ID**				

Syntax Rules:

1. P0708 - If either W0607 or W0608 is present, then the other is required.

Semantics:

1. W0603 is the actual date on which shipment was made.

Loop Party Identification

Pos: 0400 **Repeat: 10**
Mandatory
Loop: 0100 **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Party Identification	M	1		Must use

N1 Party Identification

Pos: 0400	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 2

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		DIR Distribution Recipient				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
		THD Requirement: **Use: The Home Depot**				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop Transaction Set Line Number

Pos: 0050 **Repeat: >1**
Optional
Loop: 0300 **Elements: N/A**

User Option (Usage): Used
Purpose: To reference a line number in a transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0050	LX	Transaction Set Line Number	O	1		Used
0200		Loop 0310	O		>1	Used

LX Transaction Set Line Number

Pos: 0050	Max: 1
Detail - Optional	
Loop: 0300	Elements: 1

User Option (Usage): Used
Purpose: To reference a line number in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use
		Description: Number assigned for differentiation within a transaction set				

Loop Warehouse Item Detail

Pos: 0200 **Repeat: >1**
Optional
Loop: 0310 **Elements: N/A**

User Option (Usage): Used
Purpose: To designate those line items that were shipped

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0200	W12	Warehouse Item Detail	O	1		Used
0300	G69	Line Item Detail - Description	O	5		Used
0500	G62	Date/Time	O	10		Used
0800		Loop 0320	O		>1	Used

W12 Warehouse Item Detail

Pos: 0200	Max: 1
Detail - Optional	
Loop: 0310	Elements: 3

User Option (Usage): Used

Purpose: To designate those line items that were shipped

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1201	368	**Shipment/Order Status Code**	M	ID	2/2	Must use
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction				
		CodeList Summary (Total Codes: 102, Included: 1)				
		Code **Name**				
		ZZ Mutually Defined				
W1207	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		SN Serial Number				
W1208	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirement: **Gaylord Serial Number**				

Syntax Rules:

1. R0607 - At least one of W1206 or W1207 is required.
2. P0708 - If either W1207 or W1208 is present, then the other is required.
3. P101112 - If either W1210, W1211 or W1212 are present, then the others are required.
4. P131415 - If either W1213, W1214 or W1215 are present, then the others are required.
5. P1718 - If either W1217 or W1218 is present, then the other is required.
6. P2122 - If either W1221 or W1222 is present, then the other is required.

Semantics:

1. Whenever W1201 contains "IS", W1216, W1217, and W1218 refer to the original item ordered.
2. W1202 is quantity ordered.

G69 Line Item Detail - Description

Pos: 0300	Max: 5
Detail - Optional	
Loop: 0310	Elements: 1

User Option (Usage): Used
Purpose: To describe an item in free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6901	369	**Free-form Description**	M	AN	1/45	Must use
		Description: Free-form descriptive text				
		THD Requirement: **Y= Resend** **N= Not a Resend**				

G62 Date/Time

Pos: 0500	Max: 10
Detail - Optional	
Loop: 0310	Elements: 5

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Used
		Description: Code specifying type of date				
		CodeList Summary (Total Codes: 139, Included: 2)				
		Code **Name**				
		11 Shipped on This Date				
		19 Date Unloaded				
G6202	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirement: **Use 19-Scan in Date** **Use 11- Scan out Date**				
G6203	176	**Time Qualifier**	X	ID	1/2	Used
		Description: Code specifying the reported time				
		CodeList Summary (Total Codes: 43, Included: 2)				
		Code **Name**				
		9 Actual Delivery Time				
		A Actual Departure Time				
G6204	337	**Time**	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
		THD Requirement: **Use '9' f or Scan in Time** **Use ' A' for Scan out time**				
G6205	623	**Time Code**	O	ID	2/2	Used
		Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow				
		CodeList Summary (Total Codes: 51, Included: 1)				
		Code **Name**				
		GM Greenwich Mean Time				

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

Loop Party Identification

Pos: 0800 **Repeat: >1**
Optional
Loop: 0320 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0800	N1	Party Identification	O	1		Used

N1 Party Identification

Pos: 0800	Max: 1
Detail - Optional	
Loop: 0320	Elements: 2

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		ST Ship To				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
		THD Requirement: **ST= RDC Number or Store Number**				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

W03 Total Shipment Information (Warehouse)

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

Purpose: To provide totals relating to the shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W0301	382	**Number of Units Shipped**	M	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
		THD Requirement: **Total Number of Units (Gaylords) Shipped**				

Syntax Rules:

1. P0203 - If either W0302 or W0303 is present, then the other is required.
2. P0405 - If either W0304 or W0305 is present, then the other is required.
3. P0607 - If either W0306 or W0307 is present, then the other is required.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

THE HOME DEPOT

CRTV EDI 945

Gaylord Tracking

ISA*00* *00* *ZZ*XXXXXXXXX *14*0722717110300 *110505*0941*|*00406*000000422*0*T*>~
GS*SW*XXXXXXX*072271711*20110505*0941*945000002*X*004060~
ST*945*0003~
W06*J***8615*5~
N1*DIR*THE HOME DEPOT~
LX*1~
W12*ZZ******SN*9821000000003~
G69*N~
G62*19*20110428*9*100824*CS~
N1*ST*9726~
W03*1~
SE*10*0003~
GE*1*945000002~
IEA*1*000000422~

856 Ship Notice/Manifest

X12/V4060/856: 856 Ship Notice/Manifest

Version: 1.0

Author:	**Courtney Hancock**
Company:	
Publication:	**2/22/2011**
Trading Partner:	
Current:	**2/22/2011**

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856 Ship Notice/Manifest

Functional Group=SH

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Must use
1500	REF	Reference Information	O	>1			Must use
2000	DTM	Date/Time Reference	O	10			Must use
LOOP ID - N1					**200**		
2200	N1	Party Identification	O	1			Must use
LOOP ID - N1					**200**		
2200	N1	Party Identification	O	1			Must use
LOOP ID - N1					**200**		
2200	N1	Party Identification	O	1			Must use
2600	REF	Reference Information	O	12			Used
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Used
0600	PO4	Item Physical Details	O	1			Must use
1900	MAN	Marks and Numbers Information	O	>1			Used
LOOP ID - HL					**200000**	**C2/0100L**	

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Must use
0300	SN1	Item Detail (Shipment)	O	1			Must use
0400	SLN	Subline Item Detail	O	1000			Must use
0400	SLN	Subline Item Detail	O	1000			Must use
0700	PID	Product/Item Description	O	200			Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
1500	REF	Reference Information	O	>1			Must use
1900	MAN	Marks and Numbers Information	O	>1			Must use
LOOP ID - N1					**200**		
2200	N1	Party Identification	O	1			Must use
2300	N2	Additional Name Information	O	2			Used
2400	N3	Party Location	O	2			Used
2500	N4	Geographic Location	O	1			Must use
2700	PER	Administrative Communications Contact	O	3			Used
2700	PER	Administrative Communications Contact	O	3			Used
LOOP ID - SAC					**>1**		
3200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
3350	YNQ	Yes/No Question	O	10			Used
3350	YNQ	Yes/No Question	O	10			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified				
		CodeList Summary (Total Codes: 41, Included: 1)				
		Code **Name** 14 Duns Plus Suffix				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
		THD Requirements:: ***The Home Depot Requirements:*** ***ISA ID: 0722717110100*** ***GS ID : 072271711***				
		CodeList Summary (Total Codes: 1, Included: 1)				
		Code **Name** 072271171 0100 THD ISA ID				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments **All valid standard codes are used. (Total Codes: 18)**				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment **All valid standard codes are used. (Total Codes: 2)**				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used. (Total Codes: 3)**				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 260, Included: 1)				
		Code **Name**				
		SH Ship Notice/Manifest (856)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
		THD Requirements:: ***The Home Depot Requirements:***				
		ISA ID: 0722717110100				
		GS ID : 072271711				
		CodeList Summary (Total Codes: 1, Included: 1)				
		Code **Name**				
		0722711711 THD GS ID				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		All valid standard codes are used. (Total Codes: 2)				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 50, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **CodeList Summary** (Total Codes: 316, Included: 1) **Code** **Name** 856 Ship Notice/Manifest	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSN Beginning Segment for Ship Notice

Pos: 0200 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 5**

User Option (Usage): Must use
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 66, Included: 1)				
		Code **Name**				
		00 Original				
BSN02	396	**Shipment Identification**	M	AN	2/30	Must use
		Description: A unique control number assigned by the original shipper to identify a specific shipment				
		THD Requirements:: ***Unique ASN ID representing BOL/STR combination***				
BSN03	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
BSN04	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
BSN05	1005	**Hierarchical Structure Code**	O	ID	4/4	Used
		Description: Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set				
		CodeList Summary (Total Codes: 80, Included: 1)				
		Code **Name**				
		0057 Supergroup, subgroup, member				

Syntax Rules:

1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Loop Hierarchical Level

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Must use
1500	REF	Reference Information	O	>1		Must use
2000	DTM	Date/Time Reference	O	10		Must use
2200		Loop N1	O		200	Used
2200		Loop N1	O		200	Used
2200		Loop N1	O		200	Used

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Must use
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				

CodeList Summary (Total Codes: 250, Included: 1)

Code	Name
S	Shipment

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		2 Standard Carrier Alpha Code (SCAC)				
TD503	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements:: ***SCAC***				
TD505	387	**Routing**	X	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
		THD Requirements:: ***Carrier Name***				

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 3)				
		Code **Name**				
		2I Tracking Number				
		BM Bill of Lading Number				
		AEM Distribution Center Number				
REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		CodeList Summary (Total Codes: 1277, Included: 1)				
		Code **Name**				
		011 Shipped				
DTM02	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements:: ***011 is Ship Date***				

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Party Identification

Pos: 2200 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 3

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		SF Ship From				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		FA Facility Identification				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements:: ***Home Depot Ship From Store Number***				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Loop Party Identification

Pos: 2200	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Party Identification	O	1		Must use

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 3

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		ST Ship To				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		FA Facility Identification				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements:: ***ST Ship To***				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Loop Party Identification

Pos: 2200 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Party Identification	O	1		Must use
2600	REF	Reference Information	O	12		Used

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		BG Buying Group				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
		THD Requirements:: ***Buyback RGA Number***				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements:: ***Buyback ID***				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

REF Reference Information

Pos: 2600	Max: 12
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 3)				
		Code **Name**				
		BU Buyer's Approval Mark				
		CM Buyer's Credit Memo				
		ZZ Mutually Defined				
REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements:: ***ZZ = Buyback End Date (CCYYMMDD)*** ***BU = Buyback Notes (Can continue in REF 03, 04)*** ***CM = Buyback Comments (Can continue in REF 03, 04)***				
REF03	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
REF04	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
REF04-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		CM Buyer's Credit Memo				
REF04-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements:: ***Buyback Comment (Overflow)***				
REF04-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		CM Buyer's Credit Memo				

REF04-04	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements:: ***Buyback Comment (Overflow)***				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

THD Requirements::

The Home Depot Requirements:

BU Buyback Notes

Loop Hierarchical Level

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	LIN	Item Identification	O	1		Used
0600	PO4	Item Physical Details	O	1		Must use
1900	MAN	Marks and Numbers Information	O	>1		Used

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				

Code	Name
T	Shipping Tare

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 6

User Option (Usage): Used
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** BN Bar-Coded Serial Number				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service **THD Requirements::** ***Shipping Unit Bar Code***				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** SN Serial Number				
LIN05	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service **THD Requirements::** ***Use SN -Gaylord Serial Number***				
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) **CodeList Summary** (Total Codes: 519, Included: 1) **Code** **Name** GS General Specification Number				
LIN07	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service **THD Requirements::** ***Use GS-Master LPN Tracking number***				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.

3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

PO4 Item Physical Details

Pos: 0600	Max: 1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Must use

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO402	357	**Size**	X	R	1/8	Used
		Description: Size of supplier units in pack				
PO403	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

CodeList Summary (Total Codes: 811, Included: 31)

Code	Name
BD	Bundle
BF	Board Feet
BG	Bag
BM	Bolt
BX	Box
CA	Case
CT	Carton
EA	Each
FT	Foot
GA	Gallon
LB	Pound
LF	Linear Foot
LN	Length
LY	Linear Yard
MR	Meter
PA	Pail
PC	Piece
PF	Pallet (Lift)
PK	Package
PL	Pallet/Unit Load
PR	Pair
PT	Pint
QT	Quart
RL	Roll
SF	Square Foot
SM	Square Meter
SQ	Square
ST	Set
SY	Square Yard
UN	Unit

Code	Name
YD	Yard

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

MAN Marks and Numbers Information

Pos: 1900 **Max: >1**
Detail - Optional
Loop: HL **Elements: 2**

User Option (Usage): Used
Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use
		Description: Code specifying the application or source of Marks and Numbers (87)				
		CodeList Summary (Total Codes: 21, Included: 1)				
		Code **Name**				
		UC U.P.C. Shipping Container Code				
MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
		THD Requirements:: ***Shipping Unit Label ID***				

Syntax Rules:

1. P0405 - If either MAN04 or MAN05 is present, then the other is required.
2. C0605 - If MAN06 is present, then MAN05 is required.

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Loop Hierarchical Level

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	LIN	Item Identification	O	1		Must use
0300	SN1	Item Detail (Shipment)	O	1		Must use
0400	SLN	Subline Item Detail	O	1000		Must use
0400	SLN	Subline Item Detail	O	1000		Must use
0700	PID	Product/Item Description	O	200		Must use
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Used
1500	REF	Reference Information	O	>1		Must use
1900	MAN	Marks and Numbers Information	O	>1		Must use
2200		Loop N1	O		200	Must use
3200		Loop SAC	O		>1	Used
3350	YNQ	Yes/No Question	O	10		Used
3350	YNQ	Yes/No Question	O	10		Used

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				

Code	Name
I	Item

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 6

User Option (Usage): Must use
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1) **Code** **Name** SK Stock Keeping Unit (SKU)				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1) **Code** **Name** VP Vendor's (Seller's) Part Number				
LIN05	234	**Product/Service ID**	X	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1) **Code** **Name** UP UCC - 12				
LIN07	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.

8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Must use
Purpose: To specify line-item detail relative to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set **THD Requirements::** ***Hardcoded value to "1" in this field. This is meaningless and does NOT represent the shipped quantity. The total shipped quantity will be in the SN1_04.***				
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used. (Total Codes: 811)**				
SN104	646	**Quantity Shipped to Date**	O	R	1/15	Used
		Description: Number of units shipped to date **THD Requirements::** ***Shipped Quantity***				
SN105	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity **THD Requirements::** ***SKU Quantity for UOM***				
SN106	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **CodeList Summary** (Total Codes: 811, Included: 1) **Code** **Name** SX Shipment				

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.
2. SN105 is quantity ordered.

SLN Subline Item Detail

Pos: 0400	Max: 1000
Detail - Optional	
Loop: HL	Elements: 8

User Option (Usage): Must use
Purpose: To specify product subline detail item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
SLN03	662	**Relationship Code**	M	ID	1/1	Must use
		Description: Code indicating the relationship between entities				
		CodeList Summary (Total Codes: 5, Included: 1)				
		Code **Name**				
		O Information Only				
SLN06	212	**Unit Price**	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
		THD Requirements:: ***SLN O7= RT Retail Price***				
SLN07	639	**Basis of Unit Price Code**	O	ID	2/2	Used
		Description: Code identifying the type of unit price for an item				
		CodeList Summary (Total Codes: 91, Included: 1)				
		Code **Name**				
		RT Retail				
SLN09	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		RA Return Code				
SLN10	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements:: ***RA Reason code for processing the item for RTV; not applicable to Markdown to Zero items***				
SLN11	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		KB Data Category Code				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN12	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements:: ***Markup/Markdown Reason Code***				

Syntax Rules:

1. P0405 - If either SLN04 or SLN05 is present, then the other is required.
2. C0706 - If SLN07 is present, then SLN06 is required.
3. C0806 - If SLN08 is present, then SLN06 is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.
8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

Semantics:

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

SLN Subline Item Detail

Pos: 0400	Max: 1000
Detail - Optional	
Loop: HL	Elements: 6

User Option (Usage): Must use
Purpose: To specify product subline detail item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
SLN03	662	**Relationship Code**	M	ID	1/1	Must use
		Description: Code indicating the relationship between entities				
		CodeList Summary (Total Codes: 5, Included: 1)				
		Code **Name**				
		O Information Only				
SLN06	212	**Unit Price**	X	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
		THD Requirements:: ***SLN07= QT = Cost Amount***				
SLN07	639	**Basis of Unit Price Code**	O	ID	2/2	Must use
		Description: Code identifying the type of unit price for an item				
		CodeList Summary (Total Codes: 91, Included: 1)				
		Code **Name**				
		QT Quoted				
SLN09	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		VX Vendor's Specification Number				
SLN10	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements:: ***VX Shipping Minimum Amount***				

Syntax Rules:

1. P0405 - If either SLN04 or SLN05 is present, then the other is required.
2. C0706 - If SLN07 is present, then SLN06 is required.
3. C0806 - If SLN08 is present, then SLN06 is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.

8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

Semantics:

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

PID Product/Item Description

Pos: 0700	Max: 200
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Must use
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		F Free-form				
PID03	559	**Agency Qualifier Code**	X	ID	2/2	Used
		Description: Code identifying the agency assigning the code values				
		CodeList Summary (Total Codes: 193, Included: 1)				
		Code **Name**				
		OP Office Products				
PID04	751	**Product Description Code**	X	AN	1/12	Used
		Description: A code from an industry code list which provides specific data about a product characteristic				
		THD Requirements:: ***Product Type Code***				
PID05	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
		THD Requirements:: ***Item Description***				

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		2 Standard Carrier Alpha Code (SCAC)				
TD503	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements:: ***SCAC***				
TD504	91	**Transportation Method/Type Code**	X	ID	1/2	Used
		Description: Code specifying the method or type of transportation for the shipment				
		CodeList Summary (Total Codes: 80, Included: 2)				
		Code **Name**				
		D Parcel Post				
		LT Less Than Trailer Load (LTL)				
TD505	387	**Routing**	X	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
		THD Requirements:: ***LT Less than Truck Load*** ***D Small Package Carrier***				

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1703, Included: 18)

Code	Name
2S	Catalog
80	Charge Number
8V	Credit Reference
DP	Department Number
F9	Freight Payor Reference Number
MR	Merchandise Type Code
PO	Purchase Order Number
S8	Seal Off Number
S9	Seal On Number
SI	Shipper's Identifying Number for Shipment (SID)
TF	Transfer Number
VF	Vendor Change Identification Code
YD	Buyer Identification
ZI	Reference Version Number
ZU	Field
AFN	Merchant Category Code (MCC)
POL	Policy Number
SII	Salvage Instruction Identifier

REF02	127	**Reference Identification**	X	AN	1/50	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

THD Requirements:: ***The Home Depot Requirements:***

YD = Buyback ID
POL = RTV Policy ID
MR = Merchandise Vendor Number (Vendor attached to the RTV or buyback item; not required for Markdown to Zero)
80 = Charge Merchandise Vendor Number
SI = Ship Merchandise Vendor Number
DP = Merchandise Department Number
AFN = Charge Merchandise Department Number
8V = RLC Disposition Type Code
ZU = RTV Comment
2S = Catalog ID
SII = Salvage Indicator
TF = Transfer Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		F9 = Freight Charge Code ***VF =Merchant Type Code*** ***PO= Purchase order Number*** ***ZI- Hd.com RMA Number*** ***S8=Item Class*** ***S9=Item Subclass***				
REF03	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
		THD Requirements:: ***MR - Mvendor Name*** ***ZU - RTV Comment (Overflow)***				
REF04	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
REF04-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1) **Code** **Name** ZU Field				
REF04-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements:: ***ZU - RTV Comment (Overflow)***				
REF04-04	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements:: ***RMA NBR for HD. com items.*** ***RLC must reference this number when sending the RTV file back to THD.***				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

THD Requirements::

REQUIRED QUALIFIERS:

2S Catalog ID
MR MVendor Number
80 Charged MVendor Number
TF Transfer Number
8V Genco Disposition Type Code

OPTIONAL QUALIFIERS

YD Buyback ID
F9 Freight Charge Code

MAN Marks and Numbers Information

Pos: 1900 **Max: >1**
Detail - Optional
Loop: HL **Elements: 4**

User Option (Usage): Must use
Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use

Description: Code specifying the application or source of Marks and Numbers (87)

CodeList Summary (Total Codes: 21, Included: 8)

Code	Name
L	Line Item Only
AA	SSCC-18
AI	UCC/EAN-128 Application Identifier (AI) and Data
CA	Shipper-Assigned Case Number
CP	Carrier-Assigned Package ID Number
DZ	Receiver Assigned Drop Zone
GM	SSCC-18 and Application Identifier
SM	Shipper Assigned

MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use

Description: Marks and numbers used to identify a shipment or parts of a shipment

THD Requirements::
SM = RTV Label Number

Flag Usage
SAC 01 = AA; SAC 02 = Vendor Bulk Flag
SAC 01 = AI; SAC 02 = Vendor B2B Flag
SAC 01 = CA; SAC 02 = Vendor B2C Flag
SAC 01 = CP; SAC 02 = Vendor Online Outlet Flag
SAC 01 = DZ; SAC 02 = Vendor Defacing Required Flag
SAC 01 = GM; SAC 02 = Vendor Exempt Only Flag
SAC 01 = L; SAC 02 = Vendor Mile Limit Flag

MAN04	88	**Marks and Numbers Qualifier**	X	ID	1/2	Used

Description: Code specifying the application or source of Marks and Numbers (87)

CodeList Summary (Total Codes: 21, Included: 7)

Code	Name
R	Originator Assigned
S	Entire Shipment
MC	Master Carton Number
MT	Marked Ticket Price
PB	Premarked by Buyer
SI	Self-Identifying Container via Radio Frequency ID Device
SR	Shipper Assigned Roll Number

MAN05	87	**Marks and Numbers**	X	AN	1/48	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Marks and numbers used to identify a shipment or parts of a shipment **THD Requirements::** ***Flag Usage*** ***SAC 04 = MC; SAC 05 = THD Bulk Flag*** ***SAC 04 = MT; SAC 05 = THD B2B Flag*** ***SAC 04 = PB; SAC 05 = THD B2C Flag*** ***SAC 04 = R; SAC 05 = THD Online Outlet Flag*** ***SAC 04 = S; SAC 05 = THD Defacing Required Flag*** ***SAC 04 = SI; SAC 05 = THD Exempt Only Flag*** ***SAC 04 = SR; SAC 05 = THD Mile Limit Flag***				

Syntax Rules:

1. P0405 - If either MAN04 or MAN05 is present, then the other is required.
2. C0605 - If MAN06 is present, then MAN05 is required.

Semantics:

1. MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
2. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
3. When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Loop Party Identification

Pos: 2200 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Party Identification	O	1		Must use
2300	N2	Additional Name Information	O	2		Used
2400	N3	Party Location	O	2		Used
2500	N4	Geographic Location	O	1		Must use
2700	PER	Administrative Communications Contact	O	3		Used
2700	PER	Administrative Communications Contact	O	3		Used

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		RT Returned to				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
		THD Requirements:: ***RTV Contact Name***				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements:: ***Address ID***				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

N2 Additional Name Information

Pos: 2300	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify additional names

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				
		THD Requirements:: ***Ship To Vendor Name con't***				

N3 Party Location

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 2500	Max: 1
Detail - Optional	
Loop: N1	Elements: 6

User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				
N405	309	**Location Qualifier**	X	ID	1/2	Used
		Description: Code identifying type of location				
		CodeList Summary (Total Codes: 184, Included: 1)				
		Code **Name**				
		CY County/Parish				
N406	310	**Location Identifier**	O	AN	1/30	Used
		Description: Code which identifies a specific location				
		THD Requirements:: ***County***				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

PER Administrative Communications Contact

Pos: 2700	Max: 3
Detail - Optional	
Loop: N1	Elements: 8

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		CodeList Summary (Total Codes: 238, Included: 1)				
		Code **Name**				
		AJ Primary Contact				
PER02	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				
		THD Requirements:: ***Contact Name***				
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		TE Telephone				
PER04	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		THD Requirements:: ***Telephone Number***				
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				
		Code **Name**				
		EX Telephone Extension				
PER06	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		THD Requirements:: ***Extension***				
PER07	365	**Communication Number Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 42, Included: 1)				

		Code **Name** AP Alternate Telephone				
PER08	364	**Communication Number**	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable **THD Requirements::** ***PIN Number***				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

PER Administrative Communications Contact

Pos: 2700	Max: 3
Detail - Optional	
Loop: N1	Elements: 6

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **CodeList Summary** (Total Codes: 238, Included: 1) **Code** **Name** AJ Primary Contact	M	ID	2/2	Must use
PER02	93	**Name** **Description:** Free-form name **THD Requirements::** ***Contact Name***	O	AN	1/60	Used
PER03	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **CodeList Summary** (Total Codes: 42, Included: 2) **Code** **Name** EM Electronic Mail FX Facsimile	X	ID	2/2	Used
PER04	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **THD Requirements::** ***Telephone Number***	X	AN	1/256	Used
PER05	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **CodeList Summary** (Total Codes: 42, Included: 1) **Code** **Name** AA International Telephone Access Code	X	ID	2/2	Used
PER06	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable **THD Requirements::** ***Extension***	X	AN	1/256	Used

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.

2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 3200 **Repeat: >1**
Optional
Loop: SAC **Elements: N/A**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 3200 **Max: 1**
Detail - Optional
Loop: SAC **Elements: 6**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified **CodeList Summary** (Total Codes: 7, Included: 1) **Code** **Name** C Charge	M	ID	1/1	Must use
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge **CodeList Summary** (Total Codes: 1088, Included: 1) **Code** **Name** G470 Restocking Charge	X	ID	4/4	Must use
SAC06	378	**Allowance/Charge Percent Qualifier** **Description:** Code indicating on what basis allowance or charge percent is calculated **CodeList Summary** (Total Codes: 16, Included: 1) **Code** **Name** Z Mutually Defined	X	ID	1/1	Used
SAC07	332	**Percent, Decimal Format** **Description:** Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)	X	R	1/6	Must use
SAC09	355	**Unit or Basis for Measurement Code** **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **CodeList Summary** (Total Codes: 811, Included: 1) **Code** **Name** EA Each	X	ID	2/2	Used
SAC10	380	**Quantity** **Description:** Numeric value of quantity **THD Requirements::** ***THD Restocking Fee Amount***	X	R	1/15	Used

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

YNQ Yes/No Question

Pos: 3350	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

Purpose: To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
YNQ01	1321	**Condition Indicator**	X	ID	2/3	Used
		Description: Code indicating a condition				
		CodeList Summary (Total Codes: 1304, Included: 6)				
		Code **Name**				
		BU Revenue derived from Donations				
		F9 Information Requires Investigation				
		G3 Hazardous Materials are Used or Produced				
		LX Salvage Moved				
		NR No Restrictions				
		OD Transfer Authorized				
YNQ02	1073	**Yes/No Condition or Response Code**	M	ID	1/1	Must use
		Description: Code indicating a Yes or No condition or response				
		CodeList Summary (Total Codes: 4, Included: 2)				
		Code **Name**				
		N No				
		Y Yes				

Syntax Rules:

1. E010910 - Only one of YNQ01, YNQ09 or YNQ10 may be present.
2. P0304 - If either YNQ03 or YNQ04 is present, then the other is required.
3. C0908 - If YNQ09 is present, then YNQ08 is required.

Semantics:

1. YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.
2. YNQ10 contains a free-form question when codified questions are not available.

THD Requirements::

ALL BELOW QUALIFIERS ARE REQUIRED

F9 Inspection Flag
OD Authorization Flag
BU Donation Flag
LX Salvage Flag
NR RGA Flag
G3 Hazmat Flag

YNQ Yes/No Question

Pos: 3350	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

Purpose: To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
YNQ02	1073	**Yes/No Condition or Response Code**	M	ID	1/1	Must use
		Description: Code indicating a Yes or No condition or response				
		CodeList Summary (Total Codes: 4, Included: 2)				
		Code **Name**				
		N No				
		Y Yes				
YNQ05	933	**Free-form Message Text**	O	AN	1/264	Used
		Description: Free-form message text				
		THD Requirements:: ***Yes- HD.com*** ***No- Not HD.com***				

Syntax Rules:

1. E010910 - Only one of YNQ01, YNQ09 or YNQ10 may be present.
2. P0304 - If either YNQ03 or YNQ04 is present, then the other is required.
3. C0908 - If YNQ09 is present, then YNQ08 is required.

Semantics:

1. YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.
2. YNQ10 contains a free-form question when codified questions are not available.

SE Transaction Set Trailer

Pos: 0200 **Max: 1**
Summary - Mandatory
Loop: N/A **Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

856 Ship Notice/Manifest

X12/V4060/856: 856 Ship Notice/Manifest

Version: 2.1 Final

Publication: **12/14/2010**
Notes:

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856 Ship Notice/Manifest

Functional Group=SH

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Used
0300	SN1	Item Detail (Shipment)	O	1			Used
0400	SLN	Subline Item Detail	O	1000			Used
1100	TD1	Carrier Details (Quantity and Weight)	O	20			Used
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
1500	REF	Reference Information	O	>1			Used
2000	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					**200**		
2200	N1	Party Identification	O	1			Used
2400	N3	Party Location	O	2			Used
2500	N4	Geographic Location	O	1			Used
3350	YNQ	Yes/No Question	O	10			Used
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level	M	1		C2/0100	Must use
0200	LIN	Item Identification	O	1			Used
0300	SN1	Item Detail (Shipment)	O	1			Used
0400	SLN	Subline Item Detail	O	1000			Used
0500	PRF	Purchase Order Reference	O	1			Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0700	PID	Product/Item Description	O	200			Used
1500	REF	Reference Information	O	>1			Used
LOOP ID - SAC					**>1**		
3200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
3350	YNQ	Yes/No Question	O	10			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Comments:

2/0100L The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

2/0100 The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.

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ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **THD Requirements:** *0722717110100*				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		CodeList Summary (Total Codes: 18, Included: 1)				
		Code **Name**				
		00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 260, Included: 1)				
		Code **Name**				
		SH Ship Notice/Manifest (856)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
		THD Requirements: *072271711*				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		X Accredited Standards Committee X12				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				

CodeList Summary (Total Codes: 50, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set **All valid standard codes are used. (Total Codes: 316)**				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BSN Beginning Segment for Ship Notice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		THD Requirements: *Send '00" in BSN 01 for populated file.* *Send 'SU' in BSN 01 for empty file*				
		CodeList Summary (Total Codes: 66, Included: 2)				
		Code **Name** 00 Original SU Status Update				
BSN02	396	**Shipment Identification**	M	AN	2/30	Must use
		Description: A unique control number assigned by the original shipper to identify a specific shipment				
BSN03	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
BSN04	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				

Syntax Rules:

1. C0706 - If BSN07 is present, then BSN06 is required.

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.
3. BSN06 is limited to shipment related codes.

Comments:

1. BSN06 and BSN07 differentiate the functionality of use for the transaction set.

Loop Hierarchical Level

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	LIN	Item Identification	O	1		Used
0300	SN1	Item Detail (Shipment)	O	1		Used
0400	SLN	Subline Item Detail	O	1000		Used
1100	TD1	Carrier Details (Quantity and Weight)	O	20		Used
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Used
1500	REF	Reference Information	O	>1		Used
2000	DTM	Date/Time Reference	O	10		Used
2200		Loop N1	O		200	Used
3350	YNQ	Yes/No Question	O	10		Used

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				
		Code **Name**				
		S Shipment				

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 19

User Option (Usage): Used
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		THD Requirements: *Transaction ID*				
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		S1 Shipper's Item Number				
		THD Requirements:				
		RTV Shipment Number				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		RC Returnable Container Number				
		THD Requirements:				
		RTV Number				
LIN05	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		TD Treatment Codes				
		THD Requirements:				
		RTV Merchant Type Code				
LIN07	234	**Product/Service ID**	X	AN	1/48	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Identifying number for a product or service				
LIN08	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		RA Return Code				
		THD Requirements:				
		RTV Type Code				
LIN09	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN10	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		VX Vendor's Specification Number				
LIN11	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements: *RTV-Address ID*				
LIN12	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		VV Motor Vehicle ID Number				
		THD Requirements:				
		Freight Chargeback Amount				
LIN13	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN14	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		EX Exchanged Part, Assembly or Product				
		THD Requirements:				
		Exchange Rate				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN15	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN16	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		ZZ Mutually Defined				
		THD Requirements:				
		ZZ= Shipping Minimum Met Flag				
LIN17	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN18	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		UF User-Defined Shipping Container Identifier				
		THD Requirements:				
		RTV Comp User				
LIN19	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 5

User Option (Usage): Used
Purpose: To specify line-item detail relative to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
		THD Requirements: *RTV Unit Count*				
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 811, Included: 1)				
		Code **Name**				
		EA Each				
SN104	646	**Quantity Shipped to Date**	O	R	1/15	Used
		Description: Number of units shipped to date				
		THD Requirements: *RTV Cost Amount*				
SN105	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
		THD Requirements: *RTV Retail Amount*				
SN106	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 811, Included: 1)				
		Code **Name**				
		DO Dollars, U.S.				

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.
2. SN105 is quantity ordered.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

SLN Subline Item Detail

Pos: 0400	Max: 1000
Detail - Optional	
Loop: HL	Elements: 6

User Option (Usage): Used
Purpose: To specify product subline detail item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		THD Requirements: *Original Freight Term Code*				
SLN02	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		THD Requirements: *Freight Term Code*				
SLN03	662	**Relationship Code**	M	ID	1/1	Must use
		Description: Code indicating the relationship between entities				
		CodeList Summary (Total Codes: 5, Included: 1)				
		Code **Name**				
		O Information Only				
SLN04	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
		THD Requirements: *Carton Count*				
SLN05	C001	**Composite Unit of Measure**	X	Comp		Used
		Description: To identify a composite unit of measure (See Figures Appendix for examples of use)				
SLN05-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 811, Included: 1)				
		Code **Name**				
		EA Each				
SLN06	212	**Unit Price**	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
		THD Requirements: *Large Freight Charge Amount*				

Syntax Rules:

1. P0405 - If either SLN04 or SLN05 is present, then the other is required.
2. C0706 - If SLN07 is present, then SLN06 is required.
3. C0806 - If SLN08 is present, then SLN06 is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.

6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.
8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

Semantics:

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

TD1 Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD107	81	**Weight**	X	R	1/10	Used
		Description: Numeric value of weight				
TD108	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 811, Included: 1)				

Code	Name
LB	Pound

Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0304 - If TD103 is present, then TD104 is required.
3. C0607 - If TD106 is present, then TD107 is required.
4. P0708 - If either TD107 or TD108 is present, then the other is required.
5. P0910 - If either TD109 or TD110 is present, then the other is required.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		2 Standard Carrier Alpha Code (SCAC)				
		THD Requirements: *SCAC code (Carrier Code)*				
TD503	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements: *SCAC Code*				
TD505	387	**Routing**	X	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
		THD Requirements: *Freight Carrier Name*				

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 9)				

Code	Name
80	Charge Number
8V	Credit Reference
BM	Bill of Lading Number
BP	Adjustment Control Number
DP	Department Number
FR	Freight Bill Number
RZ	Returned Goods Authorization Number
Y8	User ID
ACC	Status

REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *BM Bill of Lading Number* *80 Charge Vendor Number* *DP Department number* *BP RLC Disposition type code* *Y8 RLC User ID* *8V RTV Reason Code* *ACC RTV Stat Code* *RZ RGA Number* *FR Beginning Bill of Lading Number*				
REF03	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
		THD Requirements: *If REF*80 then enter in Charge Mvendor Name* *if REF_01 = 80, REF_02 = Charge Mvendor Number, REF_03 = Charge Mvendor Name* *If REF*FR then enter in End Bill of Lading Number*				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

DTM Date/Time Reference

Pos: 2000	Max: 10
Detail - Optional	
Loop: HL	Elements: 3

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1277, Included: 3)

Code	Name
196	Start
198	Completion
925	Processing

THD Requirements:

196 RTV Create Date
198 RTV Completion Date
925 Batch Time stamp

DTM02	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

DTM03	337	**Time**	X	TM	4/8	Used

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Party Identification

Pos: 2200 **Repeat: 200**
Optional
Loop: N1 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Party Identification	O	1		Used
2400	N3	Party Location	O	2		Used
2500	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 2200	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 2)				
		Code **Name**				
		ST Ship To				
		VR Junior High School				
		THD Requirements:				
		ST Genco Location Number				
		VR Ship MVendor Number				
N102	93	**Name**	X	AN	1/60	Used
		Description: Free-form name				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 2)				
		Code **Name**				
		92 Assigned by Buyer or Buyer's Agent				
		FA Facility Identification				
		THD Requirements:				
		92 Ship to Vendor Number				
		FA Genco Location Number				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N3 Party Location

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 2500	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

YNQ Yes/No Question

Pos: 3350	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

Purpose: To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
YNQ01	1321	**Condition Indicator**	X	ID	2/3	Used
		Description: Code indicating a condition				
		CodeList Summary (Total Codes: 1304, Included: 1)				
		Code **Name**				
		UZ Figures are Restated				
YNQ02	1073	**Yes/No Condition or Response Code**	M	ID	1/1	Must use
		Description: Code indicating a Yes or No condition or response				
		CodeList Summary (Total Codes: 4, Included: 2)				
		Code **Name**				
		N No				
		Y Yes				

Syntax Rules:

1. E010910 - Only one of YNQ01, YNQ09 or YNQ10 may be present.
2. P0304 - If either YNQ03 or YNQ04 is present, then the other is required.
3. C0908 - If YNQ09 is present, then YNQ08 is required.

Semantics:

1. YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.
2. YNQ10 contains a free-form question when codified questions are not available.

Loop Hierarchical Level

Pos: 0100	Repeat: 200000
Mandatory	
Loop: HL	Elements: N/A

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level	M	1		Must use
0200	LIN	Item Identification	O	1		Used
0300	SN1	Item Detail (Shipment)	O	1		Used
0400	SLN	Subline Item Detail	O	1000		Used
0500	PRF	Purchase Order Reference	O	1		Used
0700	PID	Product/Item Description	O	200		Used
1500	REF	Reference Information	O	>1		Used
3200		Loop SAC	O		>1	Used
3350	YNQ	Yes/No Question	O	10		Used

HL Hierarchical Level

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 3

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		Description: A unique number assigned by the sender to identify a particular data segment in a hierarchical structure				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		Description: Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use
		Description: Code defining the characteristic of a level in a hierarchical structure				
		CodeList Summary (Total Codes: 250, Included: 1)				

Code	Name
I	Item

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

LIN Item Identification

Pos: 0200	Max: 1
Detail - Optional	
Loop: HL	Elements: 7

User Option (Usage): Used
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		THD Requirements: *Transaction ID*				
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		VP Vendor's (Seller's) Part Number				
		THD Requirements:				
		VP Vendor Part Number				
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		SK Stock Keeping Unit (SKU)				
LIN05	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN06	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		UP UCC - 12				
LIN07	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.

3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

SN1 Item Detail (Shipment)

Pos: 0300	Max: 1
Detail - Optional	
Loop: HL	Elements: 4

User Option (Usage): Used
Purpose: To specify line-item detail relative to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 811, Included: 2)				
		Code **Name**				
		DO Dollars, U.S.				
		EA Each				
SN104	646	**Quantity Shipped to Date**	O	R	1/15	Used
		Description: Number of units shipped to date				
		THD Requirements: *RTV Cost Amount*				
SN105	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
		THD Requirements: *RTV Retail Amount*				

Syntax Rules:

1. P0506 - If either SN105 or SN106 is present, then the other is required.

Semantics:

1. SN101 is the ship notice line-item identification.
2. SN105 is quantity ordered.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

SLN Subline Item Detail

Pos: 0400	Max: 1000
Detail - Optional	
Loop: HL	Elements: 17

User Option (Usage): Used
Purpose: To specify product subline detail item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		THD Requirements: *Detail Labor Chargeback Amount*				
SLN02	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		THD Requirements: *Detail Freight Chargeback Amount*				
SLN03	662	**Relationship Code**	M	ID	1/1	Must use
		Description: Code indicating the relationship between entities				
		CodeList Summary (Total Codes: 5, Included: 1)				
		Code **Name**				
		O Information Only				
SLN09	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		LA Labor Group				
		THD Requirements:				
		Catalog Labor Neg cost				
SLN10	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN11	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		RA Return Code				
		THD Requirements:				
		RA Labor chargeback items related to RTV				
SLN12	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN13	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 1)

Code	Name
ON	Customer Order Number

THD Requirements:

ON Customer RTV Count

SLN14	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

SLN15	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 1)

Code	Name
F1	Catalog Number

THD Requirements:

F1 catalog origin

SLN16	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

SLN17	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 1)

Code	Name
DV	Location Code

THD Requirements:

DV Catelog FNL Location

SLN18	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

SLN19	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 1)

Code	Name
UF	User-Defined Shipping Container Identifier

THD Requirements:

UF RLC User ID

SLN20	234	**Product/Service ID**	X	AN	1/48	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Identifying number for a product or service				
SLN21	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		D3 Policy Form				
		THD Requirements:				
		D3 RTV Policy ID				
SLN22	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. P0405 - If either SLN04 or SLN05 is present, then the other is required.
2. C0706 - If SLN07 is present, then SLN06 is required.
3. C0806 - If SLN08 is present, then SLN06 is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.
8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

Semantics:

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

PRF Purchase Order Reference

Pos: 0500 **Max: 1**
Detail - Optional
Loop: HL **Elements: 4**

User Option (Usage): Used
Purpose: To provide reference to a specific purchase order

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		THD Requirements: *PO Number*				
PRF02	328	**Release Number**	O	AN	1/30	Used
		Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction				
		THD Requirements: *Key Rec Number*				
PRF05	350	**Assigned Identification**	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
		THD Requirements: *Install PO Number*				
PRF06	367	**Contract Number**	O	AN	1/30	Used
		Description: Contract number				
		THD Requirements: *Install Key Rec Number*				

Semantics:

1. PRF04 is the date assigned by the purchaser to purchase order.

PID Product/Item Description

Pos: 0700	Max: 200
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used
Purpose: To describe a product or process in coded or free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		F Free-form				
PID05	352	**Description**	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
		THD Requirements: *Item Description*				

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

REF Reference Information

Pos: 1500	Max: >1
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		2S Catalog				
		THD Requirements:				
		Catalog ID				
REF02	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 3200 **Repeat: >1**
Optional
Loop: SAC **Elements: N/A**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 3200 **Max: 1**
Detail - Optional
Loop: SAC **Elements: 5**

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified **CodeList Summary** (Total Codes: 7, Included: 1) **Code** **Name** A Allowance	M	ID	1/1	Must use
SAC02	1300	**Service, Promotion, Allowance, or Charge Code** **Description:** Code identifying the service, promotion, allowance, or charge **CodeList Summary** (Total Codes: 1088, Included: 1) **Code** **Name** G470 Restocking Charge	X	ID	4/4	Used
SAC05	610	**Amount** **Description:** Monetary amount	O	N2	1/15	Used
SAC06	378	**Allowance/Charge Percent Qualifier** **Description:** Code indicating on what basis allowance or charge percent is calculated **CodeList Summary** (Total Codes: 16, Included: 1) **Code** **Name** Z Mutually Defined	X	ID	1/1	Used
SAC07	332	**Percent, Decimal Format** **Description:** Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%) **THD Requirements:** *Restock Percentage*	X	R	1/6	Used

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

YNQ Yes/No Question

Pos: 3350	Max: 10
Detail - Optional	
Loop: HL	Elements: 2

User Option (Usage): Used

Purpose: To identify and answer yes and no questions, including the date, time, and comments further qualifying the condition

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
YNQ01	1321	**Condition Indicator**	X	ID	2/3	Used
		Description: Code indicating a condition				
		THD Requirements: *Y= Yes Hd.com* *N= Not Hd.com*				
		CodeList Summary (Total Codes: 1304, Included: 1)				
		Code **Name** HD High Discharge				
YNQ02	1073	**Yes/No Condition or Response Code**	M	ID	1/1	Must use
		Description: Code indicating a Yes or No condition or response				
		CodeList Summary (Total Codes: 4, Included: 2)				
		Code **Name** N No Y Yes				

Syntax Rules:

1. E010910 - Only one of YNQ01, YNQ09 or YNQ10 may be present.
2. P0304 - If either YNQ03 or YNQ04 is present, then the other is required.
3. C0908 - If YNQ09 is present, then YNQ08 is required.

Semantics:

1. YNQ02 confirms or denies the statement made in YNQ01, YNQ09 or YNQ10. A "Y" indicates the statement is confirmed; an "N" indicates the statement is denied.
2. YNQ10 contains a free-form question when codified questions are not available.

SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

947 Warehouse Inventory Adjustment Advice

X12/V4060/947: 947 Warehouse Inventory Adjustment Advice

Company:	**The Home Depot**
Publication:	**7/8/2010**

947 Warehouse Inventory Adjustment Advice

Functional Group=AW

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Inventory Adjustment Advice Transaction Set (947) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to inform a warehouse/depositor of a quantity or status change to inventory records. This transaction set provides detail information concerning the internal adjustments which occur between a warehouse and a depositor.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	W15	Warehouse Adjustment Identification	M	1			Must use
LOOP ID - 0100					**100**		
0400	N1	Party Identification	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**>1**		
0200	W19	Warehouse Adjustment Item Detail	M	1			Must use
0300	G69	Line Item Detail - Description	O	5			Used
0400	N9	Extended Reference Information	O	10			Used
0400	N9	Extended Reference Information	O	10			Used
0400	N9	Extended Reference Information	O	10			Used
0400	N9	Extended Reference Information	O	10			Used
0500	CS	Contract Summary	O	1			Used
0800	G62	Date/Time	O	10			Used
LOOP ID - 0320					**50**		
1100	N1	Party Identification	O	1			Used
2100	SE	Transaction Set Trailer	O	1			Used

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Authorization Information **All valid standard codes are used. (Total Codes: 7)**				
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use
		Description: Code identifying the type of information in the Security Information **All valid standard codes are used. (Total Codes: 2)**				
ISA04	I04	**Security Information**	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used. (Total Codes: 41)**				
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
		Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **CodeList Summary** (Total Codes: 41, Included: 1) **Code** **Name** 14 Duns Plus Suffix				
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them **THD Requirements:** *0722717110100*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I65	**Repetition Separator**	M		1/1	Must use
		Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		CodeList Summary (Total Codes: 18, Included: 1)				
		Code **Name**				
		00406 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Description: Code indicating sender's request for an interchange acknowledgment				
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code **Name**				
		0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Description: Code indicating whether data enclosed by this interchange envelope is test, production or information				
		CodeList Summary (Total Codes: 3, Included: 1)				
		Code **Name**				
		P Production Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use
		Description: Code identifying a group of application related transaction sets				
		CodeList Summary (Total Codes: 260, Included: 1)				
		Code **Name**				
		AW Warehouse Inventory Adjustment Advice (947)				
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		Description: Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Description: Code identifying party receiving transmission; codes agreed to by trading partners				
		THD Requirements: *07227171101*				
GS04	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	**Time**	M	TM	4/8	Must use
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		All valid standard codes are used. (Total Codes: 2)				
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				

CodeList Summary (Total Codes: 50, Included: 1)

Code	Name
004060	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set **All valid standard codes are used. (Total Codes: 316)**				
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

W15 Warehouse Adjustment Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

Purpose: To provide identifying numbers and dates and other basic data for this transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1501	373	**Date**	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		THD Requirements: *Transaction Date*				
W1502	31	**Adjustment Number**	X	AN	1/22	Used
		Description: Identification assigned to an inventory level or status adjustment				
		THD Requirements: *RLC assigned ID*				
W1503	31	**Adjustment Number**	X	AN	1/22	Used
		Description: Identification assigned to an inventory level or status adjustment				
		THD Requirements: *Unique #*				
W1504	353	**Transaction Set Purpose Code**	O	ID	2/2	Used
		Description: Code identifying purpose of transaction set				
		THD Requirements: *Send '00" in W15 04 for populated file.* *Send 'SU' in W15 04 for empty file*				

CodeList Summary (Total Codes: 66, Included: 3)

Code	Name
00	Original
11	Response
SU	Status Update

Syntax Rules:

1. P0203 - If either W1502 or W1503 is present, then the other is required.

Semantics:

1. W1502 is the identification assigned to an inventory level or status adjustment by the warehouse.
2. W1503 is the identification assigned to an inventory level or status adjustment by the depositor.

Loop Party Identification

Pos: 0400 Repeat: 100
Mandatory
Loop: 0100 Elements: N/A

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	N1	Party Identification	M	1		Must use

N1 Party Identification

Pos: 0400 **Max: 1**
Heading - Mandatory
Loop: 0100 **Elements: 3**

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		WH Warehouse				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		FA Facility Identification				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements: *RLC Location Number*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Loop Warehouse Adjustment Item Detail

Pos: 0200 Repeat: >1
Mandatory
Loop: 0300 Elements: N/A

User Option (Usage): Must use
Purpose: To designate those items that were adjusted

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0200	W19	Warehouse Adjustment Item Detail	M	1		Must use
0300	G69	Line Item Detail - Description	O	5		Used
0400	N9	Extended Reference Information	O	10		Used
0400	N9	Extended Reference Information	O	10		Used
0400	N9	Extended Reference Information	O	10		Used
0400	N9	Extended Reference Information	O	10		Used
0500	CS	Contract Summary	O	1		Used
0800	G62	Date/Time	O	10		Used
1100		Loop 0320	O		50	Used

W19 Warehouse Adjustment Item Detail

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 5

User Option (Usage): Must use

Purpose: To designate those items that were adjusted

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
W1901	181	**Quantity or Status Adjustment Reason Code**	M	ID	2/2	Must use
		Description: Code indicating reason for change in level or status of inventory				
		CodeList Summary (Total Codes: 48, Included: 2)				
		Code **Name**				
		04 Receipt Less Than Previously Reported				
		54 Receipt Greater Than Previously Reported				
W1902	477	**Credit/Debit Quantity**	M	R	1/10	Must use
		Description: Number of supplier units credited or debited				
		THD Requirements: *Inventory Adjustment Quantity*				
W1903	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used. (Total Codes: 811)				
W1905	235	**Product/Service ID Qualifier**	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		Code **Name**				
		SK Stock Keeping Unit (SKU)				
W1906	234	**Product/Service ID**	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		THD Requirements: *SKU*				

Syntax Rules:

1. R0405 - At least one of W1904 or W1905 is required.
2. P0506 - If either W1905 or W1906 is present, then the other is required.
3. P0708 - If either W1907 or W1908 is present, then the other is required.
4. C101112 - If W1910 is present, then W1911 and W1912 are required.
5. C131415 - If W1913 is present, then W1914 and W1915 are required.
6. P1718 - If either W1917 or W1918 is present, then the other is required.

G69 Line Item Detail - Description

Pos: 0300	Max: 5
Detail - Optional	
Loop: 0300	Elements: 1

User Option (Usage): Used
Purpose: To describe an item in free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6901	369	**Free-form Description**	M	AN	1/45	Must use
		Description: Free-form descriptive text				
		THD Requirements: *Item Description*				

N9 Extended Reference Information

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0300	Elements: 4

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		MR Merchandise Type Code				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *MR Merchandise Vendor number*				
N903	369	**Free-form Description**	X	AN	1/45	Used
		Description: Free-form descriptive text				
		THD Requirements: *Mvendor Name*				
N907	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		2S Catalog				
N907-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *SI Catalog ID*				
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		BM Bill of Lading Number				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N907-04	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *BM Bill of Lading Number*				
N907-05	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name** RZ Returned Goods Authorization Number				
N907-06	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *RZ - THD assigned RTV Number*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

N9 Extended Reference Information

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		W1 Disposal Turn-In Document Number				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *W1 RLC Disp Type Code*				
N907	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		DP Department Number				
N907-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *DP Department Number*				
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		TF Transfer Number				
N907-04	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *TF Transaction Number*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

N9 Extended Reference Information

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		BP Adjustment Control Number				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *BP Adjustment Reason Code*				
N907	C040	**Reference Identifier**	O	Comp		Used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		Y8 User ID				
N907-02	127	**Reference Identification**	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *RLC's user id when dispostion or rtv reason code has been changed.*				
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		TD Reason for Change				
N907-04	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Re-return reason Code. Usually not sent, but required from RLC for re-return.*				

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

N9 Extended Reference Information

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		SI Shipper's Identifying Number for Shipment (SID)				
N902	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Inbound carrier SCAC code. May be different than carrier when product left the store. Only used when there is a carrier damage adjustment.*				
N903	369	**Free-form Description**	X	AN	1/45	Used
		Description: Free-form descriptive text				
		THD Requirements: *Inbound carrier name. May be different than carrier when product left the store. Only used when there is a carrier damage adjustment.*				

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

CS Contract Summary

Pos: 0500	Max: 1
Detail - Optional	
Loop: 0300	Elements: 7

User Option (Usage): Used
Purpose: To provide information about a contract

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CS01	367	**Contract Number**	O	AN	1/30	Used
		Description: Contract number				
		THD Requirements: *RTV Comp User ID*				
CS02	327	**Change Order Sequence Number**	O	AN	1/8	Used
		Description: Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set				
		THD Requirements: *RTV RSN Code*				
CS04	128	**Reference Identification Qualifier**	X	ID	2/3	Used
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1703, Included: 1)				
		Code **Name**				
		RZ Returned Goods Authorization Number				
CS05	127	**Reference Identification**	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		THD Requirements: *Vendor assigned RGA Text*				
CS06	324	**Purchase Order Number**	O	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		THD Requirements: *Inbound PO Number*				
CS17	1073	**Yes/No Condition or Response Code**	O	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response				
		THD Requirements: *Resent Indicator*				
		CodeList Summary (Total Codes: 4, Included: 2)				
		Code **Name**				
		N No				
		Y Yes				
CS18	1073	**Yes/No Condition or Response Code**	O	ID	1/1	Used
		Description: Code indicating a Yes or No condition or response				
		THD Requirements:				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		“Y” (HD.com item) *"N” (not an HD.com item)*				

CodeList Summary (Total Codes: 4, Included: 2)

Code	Name
N	No
Y	Yes

Syntax Rules:

1. P0405 - If either CS04 or CS05 is present, then the other is required.

Semantics:

1. CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity.
2. CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity.
3. CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken.
4. CS14 is the Unit of Measure stipulated in the contract.
5. CS15 is the contract line item number (CLIN) unit price specified in the contract.
6. CS17 conveys the Critical Application Indicator. A "Y" indicates that a Critical Application Indicator is specified in the contract; an "N" indicates that no Critical Application Indicator is specified in the contract.
7. CS18 conveys the Special Requirements Indicator. A "Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract; an "N" indicates that no Special Requirements Indicator is specified in the contract.

G62 Date/Time

Pos: 0800	Max: 10
Detail - Optional	
Loop: 0300	Elements: 4

User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	X	ID	2/2	Used
		Description: Code specifying type of date **CodeList Summary** (Total Codes: 139, Included: 4) **Code** **Name** 40 Original Purchase Order Date 47 Released 91 Superseded Date BE Validated				
G6202	373	**Date**	X	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year **THD Requirements:** *91 for Batch Date* *40 for Inbound PO Creation Date* *BE for Adjustment Create Date* *47 for RTV Create Date*				
G6203	176	**Time Qualifier**	X	ID	1/2	Used
		Description: Code specifying the reported time **CodeList Summary** (Total Codes: 43, Included: 1) **Code** **Name** A Actual Departure Time				
G6204	337	**Time**	X	TM	4/8	Used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) **THD Requirements:** *91 - Batch Time is only time required*				

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

Loop Party Identification

Pos: 1100 **Repeat: 50**
Optional
Loop: 0320 **Elements: N/A**

User Option (Usage): Used
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1100	N1	Party Identification	O	1		Used

N1 Party Identification

Pos: 1100	Max: 1
Detail - Optional	
Loop: 0320	Elements: 3

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1494, Included: 1)				
		Code **Name**				
		OB Ordered By				
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 240, Included: 1)				
		Code **Name**				
		FA Facility Identification				
N104	67	**Identification Code**	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		THD Requirements: *THD Store Number*				

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

SE Transaction Set Trailer

Pos: 2100	Max: 1
Detail - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	**Group Control Number**	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				

ISA*00*   *00*   *ZZ*GENSCIAS2T   *14*0722717110300 *110607*162*|*00406*000000557*0*T*>~
GS*SH*GENSCIAS2T*072271711*20110607*1632*856000119*X*004060~
ST*856*0856~
BSN*00*590186150980*20110607*163005~
HL*1**S~
LIN*1*S1*5901*RC*86150980*TD*S*RA*1*VX*OMS0601112360080140*****ZZ*N*UF*majorss~
SN1**1*EA*19.55*36.25*DO~
SLN*P*P*O*1*EA~
TD1*******12*LB~
TD5**2*EXLA**ESTES EXPRESS LINES~
REF*BM*TRL-12ws21~
REF*DP*23~
REF*BP*7~
REF*Y8*majorss~
REF*8V*1~
REF*ACC*C~
REF*RZ*RA-1196A~
REF*FR*TRL-12ws21*TRL-12ws21~
REF*80*60080140*Daltile~
DTM*196*20110607*133247~
DTM*198*20110607*133247~
DTM*925*20110607*133247~
N1*ST**FA*8615~
N1*VR*Daltile*92*60080140~
N3*199 Planters Road~
N4*Sunnyvale*TX*75182*US~
YNQ*UZ*N~
HL*2*1*I~
LIN*1*VP*CP7622CC1P*SK*378151~
SN1**1*EA*19.55*36.25*DO~
SLN*0**O***************UF*majorss*D3*0~
PRF*01524017~
PID*F****Campisi Linen 12 in. x 12 in. Glazed Porcelain Mos~
REF*2S*4601~
SAC*A*G470***0~
YNQ*HD*Y~
CTT*2~
SE*36*0856~

ISA*00*   *00*   *ZZ*GENSCIAS2T   *14*0722717110300 *110602*1801*|*00406*000000545*0*T*>~
GS*AW*GENSCIAS2T*072271711*20110602*1801*947000102*X*004060~
ST*947*0840~
W15*20110602*182*182*00*DS~
N1*ST**FA*8615~
W19*04*2*EA**SK*668138~
G69*4INCH WALLSTRIPPER BLADE 5PACK~
N9*MR*31527*AMERICAN SAFETY RAZOR CO****2S>4596>BM>5610~
N9*W1*5*****DP>24>TF>388~
N9*BP*VDS~
N9*SI*CENF*CENTRAL FREIGHT LINES INC~
CS**5****15734412**********N*N~
G62*BE*20110602~
G62*40*20110601~
G62*91*20110602*A*180004~
N1*OB**FA*9726~
W19*04*1*EA**SK*394731~
G69*Sprayer 1.5 Gallon Translucent Polyethylene T~
N9*MR*60080032*RL FloMaster****2S>4594>BM>5610~
N9*W1*5*****DP>24>TF>389~
N9*BP*VDS~
N9*SI*CENF*CENTRAL FREIGHT LINES INC~
CS**5****15734412**********N*Y~
G62*BE*20110602~
G62*40*20110601~
G62*91*20110602*A*180004~
N1*OB**FA*9726~
W19*04*2*EA**SK*263964~
G69*ASDFF~
N9*MR*31527*AMERICAN SAFETY RAZOR CO****2S>4595>BM>5610~
N9*W1*5*****DP>24>TF>390~
N9*BP*VDS~
N9*SI*CENF*CENTRAL FREIGHT LINES INC~
CS**5****15734412**********N*N~
G62*BE*20110602~
G62*40*20110601~
G62*91*20110602*A*180004~
N1*OB**FA*9726~
SE*37*0840~
GE*1*947000102~
IEA*1*000000545~

ISA*00*   *00*   *14*0722717110300 *ZZ*GENSCIAS2T   *110506*1308*|*00406*000094661*0*T*>~
GS*SH*072271711*GENSCIAS2T*20110506*1308*207*X*004060~
ST*856*000001880~
BSN*00*965*20110506*10544350*0057~
HL*1**S~
TD5**2*HJCS**HUNT, J B DEDICATED CONTRACT SERVIC~
REF*AEM*5047~
REF*21*2~
REF*BM*61728~
DTM*011*20110506~
N1*SF**FA*9726~
N1*ST**FA*8615~
HL*2*1*T~
LIN**BN*98209726050611004911*GS*9821984036569*SN*98239726050611000254~
PO4**1*PL~
MAN*UC*1228~
HL*3*2*I~
LIN**VP*72004*SK*352268*UP*090489081904~
SN1**1*EA*1*1*EA~
SLN*1**O***14.96*RT**RA*13*KB*0~
SLN*2**O***11.18*QT**UX*0.0000~
PID*F**OP*1*Green Fleur-de-Lis Centerpiece~
REF*MR*60075913*Universal Forest Products~
REF*80*60075913*Universal Forest Products~
REF*DP*21~
REF*AFN*21~
REF*TF*15734214~
REF*8V*9~
REF*POL*0~
REF*ZI*50005853~
REF*PO*01523367~
REF*SII*N~
REF*ZU*int39a~
REF*F9*P~
REF*S9*0~
REF*S8*0~
REF*2S*4033~
REF*VF*S~
MAN*SM*98182129129129129~
N1*RT*Universal Forest Products*92*OMS0506112160075913~
N2*Universal Forest Products~
N3*1620 S. 15th Street~
N4*Prairie du Chein*WI*53821*US~
PER*AJ**TE*800 553*EX*3199~
PER*AJ**FX*800 5533199*AA*US~
SAC*C*G470~
YNQ*G3*N~
YNQ*F9*N~
YNQ*OD*Y~
YNQ*BU*N~
YNQ*LX*N~
YNQ*NR*N~
YNQ*HD*Y~

CTT*3~
SE*53*000001880~