

# 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:

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

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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

<u>LOOP ID - N1</u>			<u>200</u>				
1000	N1	Party Identification	M	1			Must use
1200	N3	Party Location	O	2			Used
1300	N4	Geographic Location	O	1			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - CDD</u>			<u>&gt;1</u>				
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the type of information in the Authorization Information <b>All valid standard codes are used.</b>				
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
		<b>Description:</b> 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	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the type of information in the Security Information <b>All valid standard codes are used.</b>				
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
		<b>Description:</b> 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	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified <b>All valid standard codes are used.</b>				
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
		<b>Description:</b> 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	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified <b>All valid standard codes are used.</b>				
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
		<b>Description:</b> 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	<b>Interchange Date</b>	M	DT	6/6	Must use
		<b>Description:</b> Date of the interchange				
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Time of the interchange				
ISA11	I65	<b>Repetition Separator</b>	M		1/1	Must use
		<b>Description:</b> 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	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<b>Description:</b> Code specifying the version number of the interchange control segments				
		<b>All valid standard codes are used.</b>				
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating sender's request for an interchange acknowledgment				
		<b>All valid standard codes are used.</b>				
ISA15	I14	<b>Interchange Usage Indicator</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating whether data enclosed by this interchange envelope is test, production or information				
		<b>All valid standard codes are used.</b>				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<b>Description:</b> 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

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

**User Option (Usage):** Must use

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying a group of application related transaction sets				
		<u>Code</u> <u>Name</u>				
		CD Credit/Debit Adjustment (812)				
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use
		<b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners				
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use
		<b>Description:</b> Code identifying party receiving transmission; codes agreed to by trading partners				
GS04	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
GS05	337	<b>Time</b>	M	TM	4/8	Must use
		<b>Description:</b> 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	<b>Group Control Number</b>	M	N0	1/9	Must use
		<b>Description:</b> Assigned number originated and maintained by the sender				
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use
		<b>Description:</b> Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480				
		<b>All valid standard codes are used.</b>				
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
		<b>Description:</b> 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				
		<u>Code</u> <u>Name</u>				
		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:

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

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

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

### 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
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**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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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
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**Description:** Code identifying type of location

**All valid standard codes are used.**

FOB03	352	Description	O	AN	1/80	Used
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**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
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**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
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**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
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**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	<b>Description</b>	O	AN	1/80	Used
		<b>Description:</b> A free-form description to clarify the related data elements and their content				
FOB08	54	<b>Risk of Loss Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code specifying where responsibility for risk of loss passes				
		<b>All valid standard codes are used.</b>				
FOB09	352	<b>Description</b>	X	AN	1/80	Used
		<b>Description:</b> 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
		<b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set <b>RTV File:</b> <i>Carton Count</i> <b>Chargeback File:</b> <i>Cartons Shipped</i>				
SHD02	413	Quantity Received	X	R	1/7	Used
		<b>Description:</b> Number of shipping units received <b>Chargeback File:</b> <i>Cartons Received</i>				
SHD03	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  <b>Code Name</b> CT    Carton				
SHD04	81	Weight	X	R	1/10	Used
		<b>Description:</b> Numeric value of weight				
SHD05	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>All valid standard codes are used.</b>				
SHD06	183	Volume	X	R	1/8	Used
		<b>Description:</b> Value of volumetric measure				
SHD07	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>All valid standard codes are used.</b>				
SHD08	398	Order Sizing Factor	O	R	1/10	Used
		<b>Description:</b> 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
		<b>Description:</b> Identifier assigned by the vendor for a specific price bracket				
SHD10	91	Transportation Method/Type Code	O	ID	1/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Code specifying the method or type of transportation for the shipment <b>All valid standard codes are used.</b>				
SHD11	140	<b>Standard Carrier Alpha Code</b>	O	ID	2/4	Used
		<b>Description:</b> Standard Carrier Alpha Code <b>RTV File:</b> <i>Provides SCAC</i>				
SHD12	368	<b>Shipment/Order Status Code</b>	O	ID	2/2	Used
		<b>Description:</b> 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 <b>All valid standard codes are used.</b>				
SHD13	128	<b>Reference Identification Qualifier</b>	O	ID	2/3	Used
		<b>Description:</b> Code qualifying the Reference Identification <u>Code</u> <u>Name</u> ZZ   Mutually Defined				
SHD14	127	<b>Reference Identification</b>	X	AN	1/50	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Chargeback File:</b> <i>Carrier Name</i>				

### 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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
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														
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>BT</td><td>Bill-to-Party</td></tr><tr><td>SN</td><td>Store</td></tr><tr><td>ST</td><td>Ship To</td></tr></table>							<u>Code</u>	<u>Name</u>	BT	Bill-to-Party	SN	Store	ST	Ship To
<u>Code</u>	<u>Name</u>													
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	X	ID	2/3	Used
		<b>Description:</b> 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: 1600Repeat: >1  
Optional  
Loop: CDD Elements: N/A

User Option (Usage): Used

To provide information relative to a line item adjustment

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CDD01	426	<b>Adjustment Reason Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment				
		<b><u>Code</u> <u>Name</u></b>				
		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	<b>Credit/Debit Flag Code</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating whether amount is a credit or debit				
		<b>All valid standard codes are used.</b>				
CDD04	610	<b>Amount</b>	X	N2	1/15	Used
		<b>Description:</b> Monetary amount				
CDD07	477	<b>Credit/Debit Quantity</b>	X	R	1/10	Used
		<b>Description:</b> Number of supplier units credited or debited				
		<b>RTV File:</b> <i>Quantity</i>				
		<b>Chargeback File:</b> <i>Difference between Invoiced Quantity and Received Quantity on Shortage Amounts</i>				
		<i>Received Quantity for Price Discrepancy</i>				
CDD08	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b><u>Code</u> <u>Name</u></b>				
		EA Each				
		ZZ Mutually Defined				

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

### 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	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	1/48	Must use
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**Description:** Identifying number for a product or service

**THD Requirement:** *SKU Number*

LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used
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**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	1/48	Used
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**Description:** Identifying number for a product or service

**THD Requirement:** *Vendor Part Number*

LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**Code Name**

PO Purchase Order Number

LIN07	234	Product/Service ID	X	AN	1/48	Used
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**Description:** Identifying number for a product or service

**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

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use
<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments						
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> 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:

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

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

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