

Golfsmith 810 Invoice EDI Guidelines

X12/V4050/810: 810 Invoice

Author:	SPS Commerce
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Notes:	

810 Invoice

Functional Group=IN

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.

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	BIG	Beginning Segment for Invoice	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	REF	Reference Information	M	1			Must use
0500	REF	Reference Information	C	1			Used
0050	REF	Reference Information	O	>1			Used
0600	PER	Administrative Communications Contact	O	1			Used
LOOP ID - N1					1		
0700	N1	Party Identification	O	1			Used
0900	N3	Party Location	O	2			Used
1000	N4	Geographic Location	O	1			Used
LOOP ID - N1					1		
0700	N1	Party Identification	M	1			Must use
0900	N3	Party Location	M	2			Must use
1000	N4	Geographic Location	M	1			Must use
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	1			Used
1400	DTM	Date/Time Reference	M	1			Must use

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>
LOOP ID - IT1					200000		
0100	IT1	Baseline Item Data (Invoice)	M	1			Must use
LOOP ID - PID					1000		
0600	PID	Product/Item Description	M	1			Must use
LOOP ID - SAC					≥1		
1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used

Summary:

<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	TDS	Total Monetary Value Summary	M	1			Must use

<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>
0300	CAD	Carrier Detail	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>
LOOP ID - SAC					≥1		
0040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used

Summary:

<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>
0700	CTT	Transaction Totals	O	1		N3/0700	Used
0800	SE	Transaction Set 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.

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:

<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	Transaction Set Identifier Code	M	ID	3/3	Must use				
Description: Code uniquely identifying a Transaction Set										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>810</td><td>Invoice</td></tr></table>							<u>Code</u>	<u>Name</u>	810	Invoice
<u>Code</u>	<u>Name</u>									
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: 4

User Option (Usage): Must use

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

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>
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						
User Note 1: <i>Invoice Date</i>						
BIG02	76	Invoice Number	M	AN	1/22	Must use
Description: Identifying number assigned by issuer						
BIG03	373	Date	O	DT	8/8	Used
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
User Note 1: <i>Purchase Order Date</i>						
BIG04	324	Purchase Order Number	M	AN	1/22	Must use
Description: Identifying number for Purchase Order assigned by the orderer/purchaser						
User Note 1: <i>max = 20</i>						

Semantics:

1. BIG01 is the invoice issue date.
2. BIG03 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

To specify the currency (dollars, pounds, francs, etc.) used in a 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>
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						
User Note 1: <i>Must be USD</i>						

Comments:

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

REF Reference Information

Pos: 0500	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify identifying 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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code Name

IA Internal Vendor Number

REF02	127	Reference Identification	M	AN	1/50	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Note 1: Vendor #

REF Reference Information

Pos: 0500	Max: 1
Heading - Conditional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying 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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code Name

CO Customer Order Number

REF02	127	Reference Identification	M	AN	1/50	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Note 1: *Customer Order Number*

User Note 1:

Required for Direct To Consumer Orders (850, BEG02=DS)if sent on the PO

REF Reference Information

Pos: 0050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify identifying 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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
Code Name						
CAT Category Identifier						
REF02	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						
User Note 1: <i>Category</i>						

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: 0600	Max: 1
Heading - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

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

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>
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				
		<u>Code</u> <u>Name</u>				
		IC Information Contact				
PER02	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
		User Note 1: <i>Contact Name</i>				
PER03	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		<u>Code</u> <u>Name</u>				
		TE Telephone				
PER04	364	Communication Number	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		User Note 1: <i>Phone #</i>				
PER07	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		<u>Code</u> <u>Name</u>				
		EM Electronic Mail				
PER08	364	Communication Number	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		User Note 1: <i>Email</i>				

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.

N1 Party Identification

Pos: 0700	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:

<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				
		<u>Code</u> <u>Name</u>				
		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)				
		<u>Code</u> <u>Name</u>				
		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				
		User Note 1: Ship to Store or DC location number or 000 (for direct to consumer orders)				

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: 0900	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						
User Note 1: Max = 35						
N302	166	Address Information	O	AN	1/55	Used
Description: Address information						

N4 Geographic Location

Pos: 1000	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	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	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. N402 is required only if city name (N401) is in the U.S. or Canada.

N1 Party Identification

Pos: 0700	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:

<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						
Code Name						
RI Remit To						
N102	93	Name	M	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.

N3 Party Location

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

User Option (Usage): Must use

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						
User Note 1: Max = 35						
N302	166	Address Information	O	AN	1/55	Used
Description: Address information						

N4 Geographic Location

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

User Option (Usage): Must use

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	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	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. N402 is required only if city name (N401) is in the U.S. or Canada.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

To specify terms of sale

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>
ITD01	336	Terms Type Code	M	ID	2/2	Must use
		Description: Code identifying type of payment terms				
		<u>Code</u> <u>Name</u>				
		01 Basic				
		08 Basic Discount Offered				
ITD03	338	Terms Discount Percent	O	R	1/6	Used
		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				
ITD05	351	Terms Discount Days Due	X	N0	1/3	Used
		Description: Number of days in the terms discount period by which payment is due if terms discount is earned				
ITD07	386	Terms Net Days	M	N0	1/3	Must use
		Description: Number of days until total invoice amount is due (discount not applicable)				
		User Note 1: <i>Net Days</i>				

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.

Comments:

1. if the code in ITD01 is "05", then ITD06 or ITD07 is required.

DTM Date/Time Reference

Pos: 1400	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify pertinent dates and times

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>
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	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: *Shipped 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.

IT1 Baseline Item Data (Invoice)

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

User Option (Usage): Must use

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

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>
IT101	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
IT102	358	Quantity Invoiced	M	R	1/15	Must use
		Description: Number of units invoiced (supplier units)				
IT103	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				
		<u>Code</u> <u>Name</u>				
		EA Each				
IT104	212	Unit Price	M	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
IT106	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)				
		<u>Code</u> <u>Name</u>				
		BP Buyer's Part Number				
		UK EAN/UCC - 14				
		UP UCC - 12				
		VP Vendor's (Seller's) Part Number				
IT107	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
		User Note 1: GS Part # (max 30), Vendor Part #, UPC(UP)/GTIN(UK)				
		<i>*Note - it is preferred you send the Golfsmith Part # as the primary item identifier (IT106/07). They also prefer to receive all 3 part numbers as available.</i>				
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)				
		<u>Code</u> <u>Name</u>				
		BP Buyer's Part Number				
		UK EAN/UCC - 14				
		UP UCC - 12				
		VP Vendor's (Seller's) Part Number				

IT109	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

User Note 1: GS Part # (max 30), Vendor Part #, UPC(UP)/GTIN(UK)

**Note - it is preferred you send the Golfsmith Part # as the primary item identifier (IT106/07). They also prefer to receive all 3 part numbers as available.*

IT110	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

BP Buyer's Part Number

UK EAN/UCC - 14

UP UCC - 12

VP Vendor's (Seller's) Part Number

IT111	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

User Note 1: GS Part # (max 30), Vendor Part #, UPC(UP)/GTIN(UK)

**Note - it is preferred you send the Golfsmith Part # as the primary item identifier (IT106/07). They also prefer to receive all 3 part numbers as available.*

Syntax Rules:

1. P0809 - If either IT108 or IT109 is present, then the other is required.
2. P1011 - If either IT110 or IT111 is present, then the other is required.
3. P1213 - If either IT112 or IT113 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.

PID Product/Item Description

Pos: 0600	Max: 1
Detail - Mandatory	
Loop: PID	Elements: 3

User Option (Usage): Must use

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

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>
PID01	349	Item Description Type	M	ID	1/1	Must use
		Description: Code indicating the format of a description				
		<u>Code</u> <u>Name</u>				
		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				
		<u>Code</u> <u>Name</u>				
		08 Product				
PID05	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				
		User Note 1: <i>Product Description</i>				

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1800 Max: 1
Detail - 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
		Description: Code which indicates an allowance or charge for the service specified				
		<u>Code</u> <u>Name</u>				
		A Allowance				
		C Charge				
SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use
		Description: Code identifying the service, promotion, allowance, or charge				
		<u>Code</u> <u>Name</u>				
		B800 Credit				
		C000 Defective Allowance				
		D170 Free Goods				
		D240 Freight				
		D500 Misc Handling Charges				
		E750 New Store Discount				
		F050 Other (See related description)				
		F800 Promotional Discount				
		H850 Tax				
SAC05	610	Amount	M	N2	1/15	Must use
		Description: Monetary amount				
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				
		<u>Code</u> <u>Name</u>				
		01 Bill Back				
		02 Off Invoice				
		06 Charge to be Paid by Customer				
SAC15	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. P0607 - If either SAC06 or SAC07 is present, then the other is required.

Semantics:

1. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07, then SAC05 takes precedence.

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.

TDS Total Monetary Value Summary

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

User Option (Usage): Must use

To specify the total invoice discounts and amounts

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>
TDS01	610	Amount	M	N2	1/15	Must use
Description: Monetary amount						
User Note 1: Total Invoice Amount (including allowances and charges)						
TDS02	610	Amount	M	N2	1/15	Must use
Description: Monetary amount						
User Note 1: Total Merchandise Amount (does not include allowances or charges)						

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.

CAD Carrier Detail

Pos: 0300	Max: 1
Summary - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

To specify transportation details for 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>
CAD05	387	Routing	M	AN	1/35	Must use
Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity						
User Note 1: <i>Carrier Name</i>						
CAD07	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
Code Name						
P8 Pickup Reference Number						
CAD08	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						
User Note 1: <i>Bill of Lading #, Carrier Pro, Tracking #</i>						

Syntax Rules:

1. C0708 - If CAD07 is present, then CAD08 is required.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 0040 Max: 1
Detail - 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
		Description: Code which indicates an allowance or charge for the service specified				
		<u>Code</u> <u>Name</u>				
		A Allowance				
		C Charge				
SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use
		Description: Code identifying the service, promotion, allowance, or charge				
		<u>Code</u> <u>Name</u>				
		B800 Credit				
		C000 Defective Allowance				
		D170 Free Goods				
		D240 Freight				
		D500 Misc Handling Charges				
		E750 New Store Discount				
		F050 Other (See related description)				
		F800 Promotional Discount				
		H850 Tax				
SAC05	610	Amount	M	N2	1/15	Must use
		Description: Monetary amount				
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				
		<u>Code</u> <u>Name</u>				
		01 Bill Back				
		02 Off Invoice				
		06 Charge to be Paid by Customer				
SAC15	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. P0607 - If either SAC06 or SAC07 is present, then the other is required.

Semantics:

1. SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07, then SAC05 takes precedence.

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: 1

User Option (Usage): Used

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

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>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

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

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	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.