



850 Purchase Order - Vendor Direct

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Table of Contents

850	Purchase Order	3
ST	Transaction Set Header	6
BEG	Beginning Segment for Purchase Order	7
REF	Reference Identification	8
REF	Reference Identification	9
PWK	Paperwork	10
TD5	Carrier Details (Routing Sequence/Transit Time)	11
N9	Loop N9	12
N9	Reference Identification	13
MSG	Message Text	14
N1	Loop N1	15
N1	Name	16
N3	Address Information	17
N4	Geographic Location	18
PER	Administrative Communications Contact	19
PO1	Loop PO1	20
PO1	Baseline Item Data	21
CTP	Loop CTP	23
CTP	Pricing Information	24
PID	Loop PID	25
PID	Product/Item Description	26
SAC	Loop SAC	27
SAC	Service, Promotion, Allowance, or Charge Information	28
TD5	Carrier Details (Routing Sequence/Transit Time)	29
N9	Loop N9	30
N9	Reference Identification	31
MSG	Message Text	32
CTT	Loop CTT	33
CTT	Transaction Totals	34
SE	Transaction Set Trailer	35

850

Purchase Order

Functional Group=**PO**

This Standard 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.

Revision History:

04/2010 -

- * Added Note to BEG03.
- * Added "ST" to the header level REF01 to indicate Retailer Store Location.
- * Removed old REF01 "CO", which indicated Customer Order Number.
- * Changed REF01 "IT" to "CO" to represent Web Order Number (Customer Order Number).
- * Changed REF01 "CM" to "IT" to represent Bill-To Customer Number.
- * Added "IL" to the header level REF01 to indicate GSI Order Number used in Barcode printed on some Packing Slips.
- * Added "GK" to the header level REF01 to indicate GSI Order Record Number used in 2-D Barcode printed on some Packing Slips.
- * Added "11" to the header level REF01 to indicate UPS Account Number used in 2-D Barcode.
- * Added "1W" to the header level REF01 to indicate Member Card Type and Member Account Number, for example, Score Card Rewards Account Number.
- * Added element REF03 to header level REF to show Member Card Type description when REF01 = "1W".
- * Added "ZH" to the header level REF01 to indicate GSI Shipping Key used in 2-D Barcode printed on some Packing Slips.
- * Modified Note for REF01 "PQ" qualifier.
- * Changed PWK05 qualifier from "BE" to "LE".
- * Added Note to header level TD501.
- * Removed Header level SAC loop.
- * Added code "OC" to PER01 in N1 loop.
- * Added Note to header level N901 "ZZ" qualifier to indicate Pack Slip Message.
- * Added Note to header level N901 "L1" qualifier to indicate Gift Message.
- * Added Note to header level N902.
- * Removed "SD" qualifier from header level N901 (replaced by "ST" in header REF01). This represents the Web Store Number.
- * Removed "TC" qualifier from header level N901.
- * Added "RT" to header level N101 to indicate Return Address.
- * Added elements PER05 and PER06 to PER segment within N1 loop to indicate email address.
- * Removed "CM" qualifier from PO112.
- * Removed elements PO114 and PO115.
- * Removed PID02 "37" qualifier.
- * Removed item level REF.
- * Added code "B800" to item level SAC02.
- * Removed SAC02 codes "A122", "B872", "D360", "D500", "F050" and "H800" from item level SAC.
- * Removed element SAC15 from item level SAC.
- * Added Item level TD5 segment.
- * Added code "IX" to item level N901.
- * Added code "ZZ" to item level N901.
- * Changed item level N901 qualifier from "TC" to "L1" to match actual EDI data being sent...NOTE - THIS IS A SPEC CHANGE ONLY, THE DATA HAS ALWAYS BEEN "L1".
- * Added item level N903 element.
- * Added User Notes to item level N902 and MSG01

* Removed item level N1 segment.

9/14/07 -

* Added PWK segment

9/12/07 -

* Removed DTM

* Removed qualifier for SAC02 at item level

9/11/07 -

* Added optional order level REF

* Added order level SAC segment

* Added Order level MSG segment within N9 loop and qualifier in N901

* N3 and N4 segments changed to optional

* Per segment within N1 loop changed to optional

* Added N1 loop for Vendor information

* Added qualifier IN for PO112/13

* Added PID occurrence (International Shipments)

* Added Item level REF (Internation Shipments)

* Added Item level SAC (Internation Shipments)

* Removed Item level TD4 and TD5 segments

* Added Item level N1 loop for Country of Origin (International Shipments)

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>
010	ST	Transaction Set Header	M	1			Must use
020	BEG	Beginning Segment for Purchase Order	M	1			Must use
050	REF	Reference Identification	M	2			Must use
050	REF	Reference Identification	O	2			Used
210	PWK	Paperwork	O	1			Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Must use
LOOP ID - N9					4		
295	N9	Reference Identification	O	1			Used
300	MSG	Message Text	O	2			Used
LOOP ID - N1					3		
310	N1	Name	M	1			Must use
330	N3	Address Information	O	1			Used
340	N4	Geographic Location	O	1			Used
360	PER	Administrative Communications Contact	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 - PO1					100000	N2/010L	
010	PO1	Baseline Item Data	M	1		N2/010	Must use
LOOP ID - CTP					1		
040	CTP	Pricing Information	O	1			Used
LOOP ID - PID					4		
050	PID	Product/Item Description	O	1			Used
LOOP ID - SAC					10		

130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used
250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		Used
LOOP ID - N9			-	-	2	-
330	N9	Reference Identification	O	1		Used
340	MSG	Message Text	O	1		Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT			-	-	1	N3/010L	-
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 2/010L PO102 is required.
- 2/010 PO102 is required.
- 3/010L 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.
- 3/010 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.

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:

<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						
		<u>Code</u>	<u>Name</u>			
		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) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BEG Beginning Segment for Purchase Order

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

To indicate the beginning of the Purchase Order 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>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		<u>Code</u>		<u>Name</u>		
		00		Original		
BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
		Description: Code specifying the type of Purchase Order				
		<u>Code</u>		<u>Name</u>		
		SA		Stand-alone Order		
BEG03	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>GSI Commerce PO Number</i>				
BEG05	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

REF Reference Identification

Pos: 050	Max: 2
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

<u>Code</u>	<u>Name</u>
CO	Customer Order Number User Note 1: <i>WEB Order Number (Customer Order Number)</i>
IA	Internal Vendor Number User Note 1: <i>GSI Commerce Vendor Number</i>
ST	Store Number User Note 1: <i>GSI Commerce Retail Web Site Store Number</i>

REF02	127	Reference Identification	M	AN	1/30	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF Reference Identification

Pos: 050	Max: 2
Heading - Optional	
Loop: N/A	Elements: 3

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

<u>Code</u>	<u>Name</u>
11	Account Number User Note 1: <i>UPS Account Number used to print 2-D Barcodes.</i>
1W	Member Identification Number User Note 1: <i>Bill-to Membership (Rewards) Number</i>
GK	Third Party Reference Number User Note 1: <i>GSI Commerce Internal Record Number used to print 2-D Barcodes.</i>
IL	Internal Order Number User Note 1: <i>GSI Commerce Master Order Number.</i>
IT	Internal Customer Number User Note 1: <i>Bill-to Customer Number</i>
PQ	Payee Identification User Note 1: <i>Bill-To Payment Type</i>
ZH	Carrier Assigned Reference Number User Note 1: <i>UPS Shipping Key used to print 2-D Barcodes.</i>

REF02	127	Reference Identification	M	AN	1/30	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content
User Note 1: *Used to further clarify the End Customer's Membership Account. (Used when REF01 = "1W")*

PWK Paperwork

Pos: 210	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

To identify the type or transmission or both of paperwork or supporting information

User Note 1:

Used to indicate the language required to be printed on the Retailer Branded Packing Slip

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>
PWK01	755	Report Type Code	M	ID	2/2	Must use
		Description: Code indicating the title or contents of a document, report or supporting item				
		<u>Code</u>		<u>Name</u>		
		PK		Storage Information Inquiry		
PWK05	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>		
		LE		ISO 639 Language Codes		
PWK06	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
		User Note 1: Value indicating Packing Slip language, e.g. "fr-CA" for French Canadian.				

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Must use

To specify the carrier and sequence of routing and provide transit time 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>
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

User Note 1: *Carrier and Service Level.*

EXAMPLES: "UPSGround", "FedEx3 Day"

Loop N9

Pos: 295	Repeat: 4
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

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>
295	N9	Reference Identification	O	1		Used
300	MSG	Message Text	O	2		Used

N9 Reference Identification

Pos: 295	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:

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

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
L1	Letters or Notes User Note 1: <i>L1 indicates Gift Message text resides in MSG01.</i>
ZZ	Mutually Defined User Note 1: <i>ZZ indicates Pack Slip Message text resides in MSG01.</i>

N902	127	Reference Identification	M	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
User Note 1: Will contain the value "Gift Message" when N901 = "L1". Will contain the value "Pack Slip Message" when N901 = "ZZ".						

MSG Message Text

Pos: 300	Max: 2
Heading - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

To provide a free-form format that allows the transmission of text 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>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use
		Description: Free-form message text				

Loop N1

Pos: 310	Repeat: 3
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>
310	N1	Name	M	1		Must use
330	N3	Address Information	O	1		Used
340	N4	Geographic Location	O	1		Used
360	PER	Administrative Communications Contact	O	1		Used

N1

Name

Pos: 310	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						
		<u>Code</u>		<u>Name</u>		
		BT		Bill To		
		RT		Return To		
		ST		Ship To		
		VN		Vendor Name		
N102	93	Name	M	AN	1/60	Must use
Description: Free-form name						

N3 Address Information

Pos: 330	Max: 1
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 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: 340	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 Description: Free-form text for city name	M	AN	2/30	Must use
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	M	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)	M	ID	3/15	Must use
N404	26	Country Code Description: Code identifying the country	O	ID	2/3	Used

PER Administrative Communications Contact

Pos: 360	Max: 1
Heading - Optional	
Loop: N1	Elements: 5

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>		
		BD		Bill To		
		OC		Ship To		
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	1/80	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				
		<u>Code</u>		<u>Name</u>		
		EM		Electronic Mail		
PER06	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 PO1

Pos: 010	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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	PO1	Baseline Item Data	M	1		Must use
040		Loop CTP	O		1	Used
050		Loop PID	O		4	Used
130		Loop SAC	O		10	Used
250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		Used
330		Loop N9	O		2	Used

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 13

User Option (Usage): Must use

To specify basic and most frequently used line item data

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>
PO101	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO102	330	Quantity Ordered	X	R	1/15	Used
		Description: Quantity ordered				
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				
		<u>Code</u>		<u>Name</u>		
		EA		Each		
PO104	212	Unit Price	X	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
		Description: Code identifying the type of unit price for an item				
		<u>Code</u>		<u>Name</u>		
		TE		Contract Price per Each		
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)				
		<u>Code</u>		<u>Name</u>		
		SK		Stock Keeping Unit (SKU)		
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)				
		<u>Code</u>		<u>Name</u>		
		VN		Vendor's (Seller's) Item 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)

<u>Code</u>	<u>Name</u>
UP	U.P.C. Consumer Package Code (1-5-5-1)

PO111	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

PO112	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)

<u>Code</u>	<u>Name</u>
IN	Buyer's Item Number

User Note 1:

Retailer's SKU

PO113	234	Product/Service ID	X	AN	1/48	Used
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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.

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 CTP

Pos: 040	Repeat: 1
Optional	
Loop: CTP	Elements: N/A

User Option (Usage): Used

To specify pricing information

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>
040	CTP	Pricing Information	O	1		Used

CTP Pricing Information

Pos: 040	Max: 1
Detail - Optional	
Loop: CTP	Elements: 3

User Option (Usage): Used

To specify pricing 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>
CTP01	687	Class of Trade Code	M	ID	2/2	Must use
		Description: Code indicating class of trade				
		<u>Code</u>		<u>Name</u>		
		RS		Resale		
CTP02	236	Price Identifier Code	M	ID	3/3	Must use
		Description: Code identifying pricing specification				
		<u>Code</u>		<u>Name</u>		
		RES		Resale		
CTP03	212	Unit Price	M	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				

Loop PID

Pos: 050	Repeat: 4
Optional	
Loop: PID	Elements: N/A

User Option (Usage): Used

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

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>
050	PID	Product/Item Description	O	1		Used

PID Product/Item Description

Pos: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 3

User Option (Usage): Used

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	M	ID	2/3	Must use
		Description: Code identifying the general class of a product or process characteristic				
		<u>Code</u>		<u>Name</u>		
		08		Product		
		75		Buyer's Color Description		
		91		Buyer's Item Size Description		
PID05	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Loop SAC

Pos: 130	Repeat: 10
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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 130	Max: 1
Detail - Optional	
Loop: SAC	Elements: 4

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		
		D240		Freight		
		H750		Tax - Sales Tax (State and Local)		
SAC05	610	Amount	M	N2	1/15	Must use
		Description: Monetary amount				
SAC12	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
		Description: Code indicating method of handling for an allowance or charge				
		<u>Code</u>		<u>Name</u>		
		02		Off Invoice		

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 250	Max: 1
Detail - Optional	
Loop: PO1	Elements: 1

User Option (Usage): Used

To specify the carrier and sequence of routing and provide transit time 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>
TD504	91	Transportation Method/Type Code	X	ID	1/2	Used

Description: Code specifying the method or type of transportation for the shipment

<u>Code</u>	<u>Name</u>
M	Motor (Common Carrier) User Note 1: <i>"M" will be used for LTL shipments.</i>
U	Private Parcel Service User Note 1: <i>"U" will be used for Small Package Carrier.</i>

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.

Loop N9

Pos: 330	Repeat: 2
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

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>
330	N9	Reference Identification	O	1		Used
340	MSG	Message Text	O	1		Used

N9

Reference Identification

Pos: 330	Max: 1
Detail - Optional	
Loop: N9	Elements: 3

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
IX	Item Number User Note 1: <i>Indicates Gift Wrap.</i>
L1	Letters or Notes User Note 1: <i>Indicates Complex Item Customization.</i>
ZZ	Mutually Defined User Note 1: <i>Indicates Simple Item Customization.</i>

N902	127	Reference Identification	M	AN	1/30	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: Will contain the value "Gift Wrap" when N901 = "IX".
Will contain the value "Complex Customization" when N901 = "L1".
Will contain the value "Simple Customization" when N901 = "ZZ".

N903	369	Free-form Description	X	AN	1/45	Used
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Description: Free-form descriptive text

User Note 1: Will contain the Gift Wrap SKU when N901 = "IX".
Will contain the Item Customization Sequence Number when N901 = "L1".

MSG Message Text

Pos: 340	Max: 1
Detail - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

To provide a free-form format that allows the transmission of text 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>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

Description: Free-form message text

User Note 1: *Contains Customization Text or Gift Wrap Message, depending on N901 qualifier.*

Loop CTT

Pos: 010	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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		Used

CTT Transaction Totals

Pos: 010	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:

<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	NO	1/6	Must use

Description: Total number of line items in the transaction set

CTT02	347	Hash Total	O	R	1/10	Used
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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 prior to truncation. 855 Hash total after truncation to three-digit field.

Comments:

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

SE Transaction Set Trailer

Pos: 030	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	NO	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.