

855 Purchase Order Acknowledgment - Canada

VICS EDI

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855 Purchase Order Acknowledgment - Canada

Functional Group=PR

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

User Note 1:

A functional profile that describes the use of this transaction set for Canada.

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	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
0500	REF	Reference Information	O	>1			Used
1500	DTM	Date/Time Reference	O	10			Used
LOOP ID - N1					200		
3000	N1	Party Identification	O	1			Used
3100	N2	Additional Name Information	O	2			Used
3200	N3	Party Location	O	2			Used
3300	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>
LOOP ID - PO1					100000	N2/0100L	
0100	PO1	Baseline Item Data	O	1		N2/0100	Used
0400	CTP	Pricing Information	O	>1			Used
0900	PO4	Item Physical Details	O	>1			Used
LOOP ID - SAC					25		
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1900	SDQ	Destination Quantity	O	500			Used
LOOP ID - ACK					104		
2700	ACK	Line Item Acknowledgment	O	1			Used
LOOP ID - N1					200		
3700	N1	Party Identification	O	1			Used
3800	N2	Additional Name Information	O	2			Used
3900	N3	Party Location	O	2			Used
4000	N4	Geographic Location	O	1			Used
LOOP ID - SLN					1000		

<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>
4900	SLN	Subline Item Detail	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>
LOOP ID - CTT					1	N3/0100L	
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/0100L PO102 is required.

2/0100 PO102 is required.

3/0100L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/0100 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

<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

Code List Summary (Total Codes: 318, Included: 1)

Code Name

855 Purchase Order Acknowledgment

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

User Note 1: The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.

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.

BAK Beginning Segment for Purchase Order Acknowledgment

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

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

User Note 1:

When notifying a retailer of a vendor-generated replenishment order, either code 00 or 16 is used in BAK01 and code AP is used in BAK02.

When acknowledging a retailer's purchase order, code 00 is used in BAK01 and either code AD or AK is used in BAK02.

When changing a vendor-generated replenishment order, code 05 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order with change, code 19 is used in BAK01 and either code AC or AE is used in BAK02.

When canceling a vendor-generated replenishment order, code 01 is used in BAK01 and code AP is used in BAK02. When acknowledging a retailer's purchase order with a cancellation, code 01 is used in BAK01 and code RJ is used in BAK02.

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>
BAK01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

Code List Summary (Total Codes: 66, Included: 5)

Code Name

00 Original

User Note 1:

NOTIFICATION: If XQ01, in Transaction Set 852, contains code G, BAK01 will contain code 00.
ACKNOWLEDGMENT: This is the original acknowledgment.

01 Cancellation

User Note 1:

NOTIFICATION: Cancel the vendor-generated replenishment order. The canceled purchase order number is not available for reuse until reissued within the normal business cycle.

ACKNOWLEDGMENT: Cancels the retailer's purchase order.

05 Replace

User Note 1:

NOTIFICATION: The previously transmitted vendor-generated replenishment order has changed and should be replaced (re-transmitted) in its entirety.
ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.

16 Proposed

User Note 1:

NOTIFICATION: If XQ01, in Transaction Set 852, contains code F, BAK01 will contain code 16.

Code	Name					
	ACKNOWLEDGMENT: This code is not valid for regular acknowledgments.					
19	Seller initiated change					
	User Note 1:					
	NOTIFICATION: This code is not valid for notification of vendor-generated replenishment orders.					
	ACKNOWLEDGMENT: Change the retailer's purchase order.					
BAK02	587	Acknowledgment Type	M	ID	2/2	Must use
		Description: Code specifying the type of acknowledgment				
		User Note 1: Codes AC, AD, AE, AK and RJ may be used only for acknowledgments to a retailer's purchase order. Code AP may only be used to indicate a vendor-generated replenishment acknowledgment (notification).				
		Code List Summary (Total Codes: 15, Included: 6)				
		Code Name				
		AC Acknowledge - With Detail and Change				
		User Note 1:				
		Full purchase order detail must be transmitted				
		AD Acknowledge - With Detail, No Change				
		AE Acknowledge - With Exception Detail Only				
		User Note 1:				
		Only transmit details of change				
		AK Acknowledge - No Detail or Change				
		AP Acknowledge - Product Replenishment				
		RJ Rejected - No Detail				
BAK03	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		User Note 1: NOTIFICATION: Purchase order numbers are negotiable as part of trading partner relationships and can be pre-assigned in XPO01 or XPO02 in Transaction Set 852.				
BAK04	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: NOTIFICATION: The date the replenished order was created from the suppliers modeling system				
BAK05	328	Release Number	O	AN	1/30	Used
		Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction				
BAK07	367	Contract Number	O	AN	1/30	Used
		Description: Contract number				

Semantics:

1. BAK04 is the date assigned by the purchaser to purchase order.
2. BAK08 is the seller's order number.
3. BAK09 is the date assigned by the sender to the acknowledgment.

REF Reference Information

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

User Option (Usage): Used

Purpose: To specify identifying information

User Note 1:

There must be one occurrence of this segment to specify the retailer's department number, if the retailer has department numbers. Additional segments may be used to specify other reference numbers.

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 List Summary (Total Codes: 1754, Included: 6)

Code Name

AH	Agreement Number
D3	National Council for Prescription Drug Programs Pharmacy Number

User Note 1:

See External Code Source 307 in Section III for reference document.

DP	Department Number
IA	Internal Vendor Number

User Note 1:

Identification number assigned to the vendor, by the retailer, for use within the retailer's system

IT	Internal Customer Number
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User Note 1:

Identification number assigned to the retailer, by the vendor, for use within the vendor's system

PD	Promotion/Deal Number
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REF02	127	Reference Identification	X	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

Syntax Rules:

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

Semantics:

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

DTM Date/Time Reference

Pos: 1500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify pertinent dates and times

User Note 1:

This segment is used to specify order processing 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>
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 List Summary (Total Codes: 1288, Included: 9)

Code Name

001 Cancel After

User Note 1:

If the order has not been shipped by this date, the order is considered canceled

002 Delivery Requested

007 Effective

User Note 1:

For terms

009 Process

User Note 1:

Date and time transaction was generated
Used only by the alcohol beverage industry

010 Requested Ship

017 Estimated Delivery

068 Current Schedule Ship

086 Scheduled for Shipment (Week of)

118 Requested Pickup

User Note 1:

Pick-up date for backhaul

DTM02	373	Date	X	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

DTM03	337	Time	X	TM	4/8	Used
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

User Note 1: Used only by the alcohol beverage industry

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.

3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Party Identification

Pos: 3000	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
3000	N1	Party Identification	O	1		Used
3100	N2	Additional Name Information	O	2		Used
3200	N3	Party Location	O	2		Used
3300	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 3000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

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

User Note 1:

This segment is used to identify the retailer's locations as they pertain to the order. The ship-to (N101 contains code ST) may be identified in the header area or the detail area, but not both.

N103 and N104 are required except when N101 contains code MA or OB, or for direct-to-consumer when N101 contains code ST.

In some EDI implementations, it may be necessary to identify the sender and/or receiver of the transaction set. To identify the sender of the transaction set, N101 will contain code FR. To identify the receiver of the transaction set, N101 will contain code TO.

For spreadsheet orders, the SDQ segment identifies the retailer's ultimate destination. When necessary the N1 segment may be used to identify the bill-to or ship-to location. Only one iteration of each of the bill-to or ship-to is allowed. CAUTION, this will override every bill to or ship to for every location in the SDQ segment(s). For example, when the customer is instructing the supplier to package goods for cross docking, one iteration of the N1 segment, with N101 containing code ST, may be used to indicate the ship-to location. The ship-to location overrides the ship to that is normally associated with the locations identified in the SDQ segment(s).

For direct-to-consumer orders, there must be at least one occurrence of the N1 segment to identify the retailer (N101 contains code BT or SM).

When the ship to (N101 contains code ST) is the end consumer (customer of retailer), N103 and N104 are not required.

When a direct-to-consumer purchase order contains multiple ship-to locations, the N1 loop in the detail area is used to identify the ship-to locations.

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 List Summary (Total Codes: 1504, Included: 9)

Code Name

BS	Bill and Ship To
BT	Bill-to-Party
FR	Message From
MA	Party for whom Item is Ultimately Intended

User Note 1:

Ultimate receiver

SE	Selling Party
SF	Ship From
ST	Ship To
SU	Supplier/Manufacturer
TO	Message To

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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)						
Code List Summary (Total Codes: 249, Included: 6)						
Code Name						
	1	D-U-N-S Number, Dun & Bradstreet				
User Note 1:						
See External Code Source 16 in Section III for reference document.						
	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix				
User Note 1:						
See External Code Source 16 in Section III for reference document.						
	21	Health Industry Number (HIN)				
User Note 1:						
See External Code Source 121 in Section III for reference document.						
	91	Assigned by Seller or Seller's Agent				
	92	Assigned by Buyer or Buyer's Agent				
	UL	Global Location Number (GLN)				
Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system						
User Note 1:						
This is the 13-digit Global Location Number (GLN). See External Code Source 583 in Section III for reference document.						
N104	67	Identification Code	X	AN	2/80	Used
Description: Code identifying a party or other code						
User Note 1: This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.						

Syntax Rules:

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

Comments:

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

N2 Additional Name Information

Pos: 3100	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names

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>
N201	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3 Party Location

Pos: 3200	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: 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: 3300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: 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	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
		User Note 1: See External Code Source 22 in Section III for reference document.				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		User Note 1: See External Code Source 51 in Section III for reference document.				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				
		User Note 1: See External Code Source 5 in Section III for reference document.				
		User Note 2: CA Canada				
		MX Mexico				
		US United States				

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.

Loop Baseline Item Data

Pos: 0100	Repeat: 100000
Optional	
Loop: PO1	Elements: N/A

User Option (Usage): Used

Purpose: 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>
0100	PO1	Baseline Item Data	O	1		Used
0400	CTP	Pricing Information	O	>1		Used
0900	PO4	Item Physical Details	O	>1		Used
1300		Loop SAC	O		25	Used
1900	SDQ	Destination Quantity	O	500		Used
2700		Loop ACK	O		104	Used
3700		Loop N1	O		200	Used
4900		Loop SLN	O		1000	Used

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Optional	
Loop: PO1	Elements: 17

User Option (Usage): Used

Purpose: 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	380	Quantity	X	R	1/15	Used
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Description: Numeric value of quantity

PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Must use
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 884, Included: 15)

Code Name

BA Bale
 BG Bag
 BO Bottle
 BX Box
 CA Case
 CN Can
 CT Carton
 DS Display
 DZ Dozen
 EA Each
 KG Kilogram
 LB Pound
 PK Package
 PL Pallet/Unit Load
 RL Roll

PO104	212	Unit Price	X	R	1/17	Used
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Description: Price per unit of product, service, commodity, etc.

User Note 1: The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".

To indicate a no charge item or free goods, PO104 will contain a single zero (0) and PO105 will contain code NC.

User Note 2: Used by the Canadian Rx (Pharmaceutical Industry ONLY). All others specify price using the CTP segment instead.

PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
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Description: Code identifying the type of unit price for an item

User Note 1: This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 is always in the same terms as the unit of measure in PO103,

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		unless otherwise specified in PO105.				
		Code List Summary (Total Codes: 98, Included: 13)				
		Code		Name		
		LD		Catalog Price per Dozen		
		LE		Catalog Price per Each		
		NC		No Charge		
		PO		Price per Ounce		
		PP		Price per Pound		
		PR		Promotion		
		QT		Quoted		
		RD		Retail Price per Dozen		
		RE		Retail Price per Each		
		TD		Contract Price per Dozen		
		TE		Contract Price per Each		
		WD		Wholesale Price per Dozen		
		WE		Wholesale 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)				
		Code List Summary (Total Codes: 530, Included: 6)				
		Code		Name		
		EN		GTIN EAN/UCC - 13		
				Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)		
		EO		GTIN EAN/UCC - 8		
				Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)		
		IN		Buyer's Item Number		
		UK		GTIN 14-digit Data Structure		
				Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)		
		UP		GTIN UCC - 12		
				Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)		
		VN		Vendor's (Seller's) Item Number		
		User Note 1:				
		Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.				
		Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.				
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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: See PO106 for code list				
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)				
		User Note 1: See PO106 for code list				
PO111	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO112	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: See PO106 for code list				
PO113	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO114	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)				
		User Note 1: See PO106 for code list				
PO115	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
PO116	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)				
		User Note 1: See PO106 for code list				
PO117	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.

12. P2425 - If either PO124 or PO125 is present, then the other is required.

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., ISBN No., Model No., or SKU.

CTP Pricing Information

Pos: 0400 Max: >1
Detail - Optional
Loop: PO1 Elements: 5

User Option (Usage): Used

Purpose: 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	O	ID	2/2	Used

Description: Code indicating class of trade

Code List Summary (Total Codes: 62, Included: 5)

Code Name

AG Agent
BG Buying Group
DE Dealer
DI Distributor
RS Resale

CTP02	236	Price Identifier Code	X	ID	3/3	Must use
-------	-----	------------------------------	---	----	-----	----------

Description: Code identifying pricing specification

Code List Summary (Total Codes: 168, Included: 2)

Code Name

OPP Original Purchase Order Price

User Note 1:

Original unit price

UCP Unit cost price

User Note 1:

Item list cost

User Note 2:

Unit price in the CTP02 is dependent on how the product is ordered (i.e. if the product is ordered by the case, then the pricing in CTP02 is price per case).

CTP03	212	Unit Price	X	R	1/17	Must use
-------	-----	-------------------	---	---	------	----------

Description: Price per unit of product, service, commodity, etc.

User Note 1: The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".

CTP04	380	Quantity	X	R	1/15	Used
-------	-----	-----------------	---	---	------	------

Description: Numeric value of quantity

CTP05	C001	Composite Unit of Measure	X	Comp		Used
-------	------	----------------------------------	---	------	--	------

Description: To identify a composite unit of measure (See Figures Appendix for examples of use)

Comments:

1. If C001-02 is not used, its value is to be interpreted as 1.
2. If C001-03 is not used, its value is to be interpreted as 1.
3. If C001-05 is not used, its value is to be interpreted as 1.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		4. If C001-06 is not used, its value is to be interpreted as 1.				
		5. If C001-08 is not used, its value is to be interpreted as 1.				
		6. If C001-09 is not used, its value is to be interpreted as 1.				
		7. If C001-11 is not used, its value is to be interpreted as 1.				
		8. If C001-12 is not used, its value is to be interpreted as 1.				
		9. If C001-14 is not used, its value is to be interpreted as 1.				
		10. If C001-15 is not used, its value is to be interpreted as 1.				
CTP05-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 884, Included: 15)

<u>Code</u>	<u>Name</u>
BA	Bale
BG	Bag
BO	Bottle
BX	Box
CA	Case
CN	Can
CT	Carton
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
RL	Roll

Syntax Rules:

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

Semantics:

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

Comments:

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

PO4 Item Physical Details

Pos: 0900	Max: >1
Detail - Optional	
Loop: PO1	Elements: 3

User Option (Usage): Used

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

User Note 1:

This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using PO401 (Pack).

The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using PO414 (Inner Pack), is the number of eaches in each inner container when PO401 is the number of smaller containers within the case. See Section V Pack/Inner Pack Usage for usage examples.

This segment may be used to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.

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>
PO401	356	Pack	O	N0	1/6	Used

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

PO402	357	Size	X	R	1/8	Used
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Description: Size of supplier units in pack

PO403	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 884, Included: 15)

<u>Code</u>	<u>Name</u>
BA	Bale
BG	Bag
BO	Bottle
BX	Box
CA	Case
CN	Can
CT	Carton
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
RL	Roll

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.

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

Semantics:

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

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1300	Repeat: 25
Optional	
Loop: SAC	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1300	Max: 1
Detail - Optional	
Loop: SAC	Elements: 14

User Option (Usage): Used

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

User Note 1:

There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.

SAC04 contains special service requirement codes and special processing codes. This code list is maintained in Section III of this guideline.

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

Code List Summary (Total Codes: 7, Included: 4)

Code Name

A	Allowance
C	Charge
N	No Allowance or Charge
R	Allowance Request

SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
-------	------	---	---	----	-----	------

Description: Code identifying the service, promotion, allowance, or charge

User Note 1: See Section III for code list.

SAC03	559	Agency Qualifier Code	X	ID	2/2	Used
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Description: Code identifying the agency assigning the code values

Code List Summary (Total Codes: 195, Included: 1)

Code Name

VI	Voluntary Inter-Industry Commerce Standard (VICS) EDI
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User Note 1:

See External Code Source 70 in Section III for reference document.

SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN	1/10	Used
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Description: Agency maintained code identifying the service, promotion, allowance, or charge

User Note 1: See External Code Source 46 in Section III for reference document.

See Section III for code list.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC05	610	Amount	O	N2	1/15	Used

Description: Monetary amount

User Note 1: When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.

SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
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Description: Code indicating on what basis allowance or charge percent is calculated

Code List Summary (Total Codes: 16, Included: 7)

Code Name

- 1 Item List Cost
- 2 Item Net Cost
- 3 Discount/Gross

User Note 1:

All allowances are off the gross price including cash discount.

- 4 Discount/Net

User Note 1:

All allowances are off the gross price. Cash discounts are off the net price.

- 5 Base Price per Unit

User Note 1:

Line item discount

- 6 Base Price Amount

- 7 Base Price Amount Less Previous Discount

User Note 1:

Declining balance method

SAC07	332	Percent, Decimal Format	X	R	1/6	Used
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Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)

User Note 1: The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".

SAC08	118	Rate	O	R	1/9	Used
-------	-----	-------------	---	---	-----	------

Description: Rate expressed in the standard monetary denomination for the currency specified

SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 884, Included: 15)

Code Name

- BA Bale
- BG Bag
- BO Bottle
- BX Box
- CA Case

<u>Code</u>	<u>Name</u>
CN	Can
CT	Carton
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
RL	Roll

SAC10 380 **Quantity** X R 1/15 Used

Description: Numeric value of quantity

User Note 1: When SAC02 contains code D170, this data element is required and will contain the quantity of free goods. The unit of measure is in SAC09.

SAC10 alone is used to indicate a specific quantity which could be a dollar amount, that is applicable to the service, promotion, allowance, or charge.

SAC12 331 **Allowance or Charge Method of Handling Code** O ID 2/2 Used

Description: Code indicating method of handling for an allowance or charge

Code List Summary (Total Codes: 22, Included: 6)

Code Name

01 Bill Back

User Note 1:

The allowance or charge amount will be adjudicated as a separate item, i.e., a debit/credit memo or a separate invoice. The amount will not be reflected in the invoice total amount.

02 Off Invoice

User Note 1:

The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.

03 Vendor Check to Customer

User Note 1:

The vendor will issue a check directly to the customer of the retailer, or end consumer, for the allowance or charge amount. The amount is not reflected in the total invoice amount.

04 Credit Customer Account

User Note 1:

The retailer's account will be credited for the amount of the allowance or charge. The amount is not reflected in the total invoice amount.

05 Charge to be Paid by Vendor

User Note 1:

The vendor is responsible for the allowance or charge amount. The trading partners have agreed to the exact amount of adjudication. The amount will not be reflected in the total invoice amount.

06 Charge to be Paid by Customer

User Note 1:

Code Name

When the order/item is a direct ship to the customer, or end consumer of the retailer, the allowance or charge amount is the responsibility of the customer or end consumer. If it is not a drop ship to the customer of the retailer, then the allowance or charge amount is the responsibility of the retailer. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.

SAC13	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

SAC15	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

SAC16	819	Language Code	O	ID	2/3	Used
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Description: Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)

User Note 1: See External Code Source 102 in Section III for reference document.

Syntax Rules:

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

Semantics:

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

Comments:

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

SDQ Destination Quantity

Pos: 1900	Max: 500
Detail - Optional	
Loop: PO1	Elements: 22

User Option (Usage): Used

Purpose: To specify destination and quantity detail

User Note 1:

This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67 in this segment function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location.

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>
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 884, Included: 15)

<u>Code</u>	<u>Name</u>
BA	Bale
BG	Bag
BO	Bottle
BX	Box
CA	Case
CN	Can
CT	Carton
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
RL	Roll

SDQ02	66	Identification Code Qualifier	O	ID	1/2	Must use
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Description: Code designating the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 249, Included: 6)

<u>Code</u>	<u>Name</u>
1	D-U-N-S Number, Dun & Bradstreet
User Note 1: See External Code Source 16 in Section III for reference document.	
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
User Note 1: See External Code Source 16 in Section III for reference document.	
21	Health Industry Number (HIN)

Code Name

User Note 1:

See External Code Source 121 in Section III for reference document.

- 91 Assigned by Seller or Seller's Agent
- 92 Assigned by Buyer or Buyer's Agent
- UL Global Location Number (GLN)

Description: A 13 digit Global Location Number (GLN).

User Note 1:

See External Code Source 583 in Section III for reference document.

SDQ03	67	Identification Code	M	AN	2/80	Must use
		Description: Code identifying a party or other code				
SDQ04	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
SDQ05	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ06	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ07	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ08	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ09	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ10	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ11	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ12	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ14	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ15	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ16	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ17	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ18	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ19	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ20	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ21	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ22	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Loop Line Item Acknowledgment

Pos: 2700	Repeat: 104
Optional	
Loop: ACK	Elements: N/A

User Option (Usage): Used

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

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>
2700	ACK	Line Item Acknowledgment	O	1		Used

ACK Line Item Acknowledgment

Pos: 2700	Max: 1
Detail - Optional	
Loop: ACK	Elements: 13

User Option (Usage): Used

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

User Note 1:

This segment may be used to indicate that a line item has been accepted, deleted, or changed. Some product production cycles, such as furniture, are long and may have different ship dates than the original purchase order. This segment may be used to inform the originator of the current ship date or that no ship date has been scheduled.

The codes listed for ACK07 apply to every occurrence of Data Element 235 in the ACK segment.

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>
ACK01	668	Line Item Status Code	M	ID	2/2	Must use

Description: Code specifying the action taken by the seller on a line item requested by the buyer

Code List Summary (Total Codes: 26, Included: 7)

Code Name

IA	Item Accepted
IC	Item Accepted - Changes Made
ID	Item Deleted

User Note 1:

Cancellation of a line item

IE	Item Accepted, Price Pending
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User Note 1:

Used only by the alcohol beverage industry

IH	Item on Hold
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User Note 1:

Used only by the alcohol beverage industry

IP	Item Accepted - Price Changed
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User Note 1:

Used only by the alcohol beverage industry

IR	Item Rejected
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User Note 1:

Used only by the alcohol beverage industry

ACK02	380	Quantity	X	R	1/15	Used
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Description: Numeric value of quantity

User Note 1: Quantity which the change affects, i.e., the quantity that applies to the dates sent in ACK04 and ACK05

ACK03	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
-------	-----	------------------------------------	---	----	-----	------

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code List Summary (Total Codes: 884, Included: 15)

Code Name

BA Bale
 BG Bag
 BO Bottle
 BX Box
 CA Case
 CN Can
 CT Carton
 DS Display
 DZ Dozen
 EA Each
 KG Kilogram
 LB Pound
 PK Package
 PL Pallet/Unit Load
 RL Roll

ACK04 374 **Date/Time Qualifier** O ID 3/3 Used

Description: Code specifying type of date or time, or both date and time

Code List Summary (Total Codes: 1288, Included: 2)

Code Name

068 Current Schedule Ship
 100 No Shipping Schedule Established as of

ACK05 373 **Date** X DT 8/8 Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

ACK07 235 **Product/Service ID Qualifier** X ID 2/2 Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 530, Included: 6)

Code Name

EN GTIN EAN/UCC - 13
Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
 EO GTIN EAN/UCC - 8
Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
 IN Buyer's Item Number
 UK GTIN 14-digit Data Structure
Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)
 UP GTIN UCC - 12
Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)
 VN Vendor's (Seller's) Item Number

Code Name

User Note 1:

Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.

Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.

ACK08	234	Product/Service ID	X	AN	1/48	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

ACK09	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)

User Note 1: See ACK07 for code list

ACK10	234	Product/Service ID	X	AN	1/48	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

ACK11	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)

User Note 1: See ACK07 for code list

ACK12	234	Product/Service ID	X	AN	1/48	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

ACK13	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)

User Note 1: See ACK07 for code list

ACK14	234	Product/Service ID	X	AN	1/48	Used
-------	-----	---------------------------	---	----	------	------

Description: Identifying number for a product or service

Syntax Rules:

1. P0203 - If either ACK02 or ACK03 is present, then the other is required.
2. C0405 - If ACK04 is present, then ACK05 is required.
3. P0708 - If either ACK07 or ACK08 is present, then the other is required.
4. P0910 - If either ACK09 or ACK10 is present, then the other is required.
5. P1112 - If either ACK11 or ACK12 is present, then the other is required.
6. P1314 - If either ACK13 or ACK14 is present, then the other is required.
7. P1516 - If either ACK15 or ACK16 is present, then the other is required.
8. P1718 - If either ACK17 or ACK18 is present, then the other is required.
9. P1920 - If either ACK19 or ACK20 is present, then the other is required.
10. P2122 - If either ACK21 or ACK22 is present, then the other is required.
11. P2324 - If either ACK23 or ACK24 is present, then the other is required.
12. P2526 - If either ACK25 or ACK26 is present, then the other is required.
13. P2728 - If either ACK27 or ACK28 is present, then the other is required.
14. C282729 - If ACK28 is present, then ACK27 and ACK29 are required.

Semantics:

1. ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Loop Party Identification

Pos: 3700	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

User Note 1:

There can be only one iteration of the N1 loop in the detail area for each PO1 segment.
This segment is used only by the alcohol beverage industry.

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>
3700	N1	Party Identification	O	1		Used
3800	N2	Additional Name Information	O	2		Used
3900	N3	Party Location	O	2		Used
4000	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 3700	Max: 1
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

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

User Note 1:

There can be only one iteration of the N1 loop in the detail area for each PO1 segment.
This segment is used only by the alcohol beverage industry.

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 List Summary (Total Codes: 1504, Included: 2)

Code Name

CN Consignee

MA Party for whom Item is Ultimately Intended

N102	93	Name	X	AN	1/60	Must use
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Description: Free-form name

Syntax Rules:

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

Comments:

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

N2 Additional Name Information

Pos: 3800	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names

User Note 1:

This segment is used only by the alcohol beverage industry.

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>
N201	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3 Party Location

Pos: 3900	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

User Note 1:

This segment is used only by the alcohol beverage industry.

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: 4000	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

User Note 1:

This segment is used only by the alcohol beverage industry.

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	O	AN	2/30	Used
Description: Free-form text for city name						
N402	156	State or Province Code	X	ID	2/2	Used
Description: Code (Standard State/Province) as defined by appropriate government agency						
User Note 1: See External Code Source 22 in Section III for reference document.						
N403	116	Postal Code	O	ID	3/15	Used
Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)						
User Note 1: See External Code Source 51 in Section III for reference document.						
N404	26	Country Code	X	ID	2/3	Used
Description: Code identifying the country						
User Note 1: See External Code Source 5 in Section III for reference document.						
User Note 2: CA Canada						
MX Mexico						
US United States						

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.

Loop Subline Item Detail

Pos: 4900	Repeat: 1000
Optional	
Loop: SLN	Elements: N/A

User Option (Usage): Used

Purpose: To specify product subline detail 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>
4900	SLN	Subline Item Detail	O	1		Used

SLN Subline Item Detail

Pos: 4900	Max: 1
Detail - Optional	
Loop: SLN	Elements: 26

User Option (Usage): Used

Purpose: To specify product subline detail item data

User Note 1:

This segment can be used to specify the originally ordered SKU for substituted SKUs. This segment can also be used to specify SKU contents of an assortment. The assortment can be defined by the retailer or the vendor. The assortment identification is in the line item detail segment for the transaction. This segment may be used to specify partial deletions of SKUs ordered but not invoiced and/or shipped.

If SLN03 contains code D or code I, then SLN04 and SLN05 are required.

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>
SLN01	350	Assigned Identification	M	AN	1/20	Must use
Description: Alphanumeric characters assigned for differentiation within a transaction set						
SLN03	662	Relationship Code	M	ID	1/1	Must use
Description: Code indicating the relationship between entities						
Code List Summary (Total Codes: 5, Included: 3)						
Code Name						
D Delete						
I Included						
S Substituted						
SLN04	380	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
SLN05	C001	Composite Unit of Measure	X	Comp		Used
Description: To identify a composite unit of measure (See Figures Appendix for examples of use)						
Comments:						
1. If C001-02 is not used, its value is to be interpreted as 1.						
2. If C001-03 is not used, its value is to be interpreted as 1.						
3. If C001-05 is not used, its value is to be interpreted as 1.						
4. If C001-06 is not used, its value is to be interpreted as 1.						
5. If C001-08 is not used, its value is to be interpreted as 1.						
6. If C001-09 is not used, its value is to be interpreted as 1.						
7. If C001-11 is not used, its value is to be interpreted as 1.						
8. If C001-12 is not used, its value is to be interpreted as 1.						
9. If C001-14 is not used, its value is to be interpreted as 1.						
10. If C001-15 is not used, its value is to be interpreted as 1.						
SLN05-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						

Code List Summary (Total Codes: 884, Included: 15)

Code Name

BA Bale
 BG Bag
 BO Bottle
 BX Box
 CA Case
 CN Can
 CT Carton
 DS Display
 DZ Dozen
 EA Each
 KG Kilogram
 LB Pound
 PK Package
 PL Pallet/Unit Load
 RL Roll

SLN06 212 **Unit Price** X R 1/17 Used

Description: Price per unit of product, service, commodity, etc.

User Note 1: The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".

To indicate a no charge item or free goods, SLN06 will contain a single zero (0) and SLN07 will contain code NC.

SLN07 639 **Basis of Unit Price Code** O ID 2/2 Used

Description: Code identifying the type of unit price for an item

User Note 1: This data element is used to clarify or alter the basis of unit price. The unit price expressed in SLN06 is always in the same terms as the unit of measure in SLN05, unless otherwise specified in SLN07.

Code List Summary (Total Codes: 98, Included: 13)

Code Name

LD Catalog Price per Dozen
 LE Catalog Price per Each
 NC No Charge
 PO Price per Ounce
 PP Price per Pound
 PR Promotion
 QT Quoted
 RD Retail Price per Dozen
 RE Retail Price per Each
 TD Contract Price per Dozen
 TE Contract Price per Each
 WD Wholesale Price per Dozen
 WE Wholesale Price per Each

SLN09 235 **Product/Service ID Qualifier** X ID 2/2 Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
Code List Summary (Total Codes: 530, Included: 16)						
Code Name						
	BO	Buyers Color				
	CG	Commodity Grouping				
	CM	National Retail Federation Color Code				
User Note 1:						
This is the three-digit NRF code. See External Code Source 88 in Section III for reference document.						
	EN	GTIN EAN/UCC - 13				
Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)						
	EO	GTIN EAN/UCC - 8				
Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)						
	IB	International Standard Book Number (ISBN)				
	IN	Buyer's Item Number				
	IT	Buyer's Style Number				
	IZ	Buyer's Size Code				
	SM	National Retail Federation Size Code				
User Note 1:						
This is the five-digit NRF code. See External Code Source 88 in Section III for reference document.						
	SZ	Vendor Alphanumeric Size Code				
	UK	GTIN 14-digit Data Structure				
Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)						
	UP	GTIN UCC - 12				
Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)						
	VA	Vendor's Style Number				
	VE	Vendor Color				
	VN	Vendor's (Seller's) Item Number				
User Note 1:						
Trading partners are strongly encouraged to use GTIN as the only method of positively and unambiguously identifying a product.						
Trading Partners who do not have a GS1 Canada Company Prefix, contact GS1 Canada.						
SLN10	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
SLN11	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
User Note 1: See SLN09 for code list						
SLN12	234	Product/Service ID	X	AN	1/48	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Identifying number for a product or service				
SLN13	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: See SLN09 for code list				
SLN14	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN15	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: See SLN09 for code list				
SLN16	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN17	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: See SLN09 for code list				
SLN18	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN19	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: See SLN09 for code list				
SLN20	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN21	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: See SLN09 for code list				
SLN22	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN23	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)				
		User Note 1: See SLN09 for code list				
SLN24	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN25	235	Product/Service ID Qualifier	X	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: See SLN09 for code list				
SLN26	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
SLN27	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)				
		User Note 1: See SLN09 for code list				
SLN28	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. P0405 - If either SLN04 or SLN05 is present, then the other is required.
2. C0706 - If SLN07 is present, then SLN06 is required.
3. C0806 - If SLN08 is present, then SLN06 is required.
4. P0910 - If either SLN09 or SLN10 is present, then the other is required.
5. P1112 - If either SLN11 or SLN12 is present, then the other is required.
6. P1314 - If either SLN13 or SLN14 is present, then the other is required.
7. P1516 - If either SLN15 or SLN16 is present, then the other is required.
8. P1718 - If either SLN17 or SLN18 is present, then the other is required.
9. P1920 - If either SLN19 or SLN20 is present, then the other is required.
10. P2122 - If either SLN21 or SLN22 is present, then the other is required.
11. P2324 - If either SLN23 or SLN24 is present, then the other is required.
12. P2526 - If either SLN25 or SLN26 is present, then the other is required.
13. P2728 - If either SLN27 or SLN28 is present, then the other is required.

Semantics:

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.
4. SLN08 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.
3. SLN09 through SLN28 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

Loop Transaction Totals

Pos: 0100	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	CTT	Transaction Totals	O	1		Used

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

User Option (Usage): Used

Purpose: 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

User Note 1: The number of PO1 segments present in the transaction set

Syntax Rules:

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

Comments:

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

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<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
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

User Note 1: This must be the same number as is in the ST segment (ST02) for the transaction set.

Comments:

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