



Walgreens Purchase Order
850
X12 - 4010

850 Purchase Order

Functional Group=PO

This Draft Standard for Trial Use 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.

Segments:

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

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	3			Must use
060	PER	Administrative Communications Contact	O	2			Used

<u>LOOP ID - SAC</u>						<u>4</u>	
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	1			Used
150	DTM	Date/Time Reference	M	1			Must use

<u>LOOP ID - N9</u>						<u>2</u>	
295	N9	Reference Identification	O	1			Used
300	MSG	Message Text	O	10			Used

<u>LOOP ID - N1</u>						<u>2</u>	
310	N1	Name	M	1			Must use
330	N3	Address Information	M	1			Must use
340	N4	Geographic Location	M	1			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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<u>LOOP ID - PO1</u>						<u>999</u>	
010	PO1	Baseline Item Data	M	1		N2/010	Must use

<u>LOOP ID - PID</u>						<u>1</u>	
050	PID	Product/Item Description	O	1			Used
090	PO4	Item Physical Details	O	1			Used

<u>LOOP ID - SAC</u>						<u>4</u>	
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
190	SDQ	Destination Quantity	O	500			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			
010	CTT	Transaction Totals	M	1		N3/010	Must use
030	SE	Transaction Set Trailer	M	1			Must use

Segments:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Used
	IEA	Interchange Control Trailer	M	1			Used

Notes:

2/010 PO102 is required.

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.

User Note 1:

850 is an outgoing document from Walgreens to suppliers.

THREE PURCHASE ORDER TYPES:

1. Distribution Center orders - generated centrally, shipped to Walgreens DCs.
2. Central Direct orders - generated centrally, shipped direct to Walgreens stores. These POs look like DC orders except that they contain the SDQ segment specifying individual store quantities.
3. Direct Store orders - generated by stores, shipped direct to Walgreens stores.

Each Distribution Center and Central Direct order will normally contain most of the segments listed in this document. Direct Store orders, on the other hand, contain relatively few segments; they are:

Heading Level- ST, BEG, REF, DTM, N1, N3, N4

Detail Level - PO1

Summary Level - CTT, SE

Specific requirements for each of the PO types are included in the segment notes.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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 Description: Code uniquely identifying a Transaction Set <u>Code Name</u> 850 X12.1 Purchase Order	M	ID	3/3	Must use
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

- 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

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 Description: Code identifying purpose of transaction set. <u>Code Name</u> 00 Original	M	ID	2/2	Must use
BEG02	92	Purchase Order Type Description: Code specifying the type of Purchase Order <u>Code Name</u> PR Promotion SA Stand-alone Order	M	ID	2/2	Must use
BEG03	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser <div style="background-color: #e0e0e0; padding: 5px;"> User Note 1: <i>Distribution Center and Central Direct PO numbers are 8 positions.</i> <i>Direct Store PO numbers are 6 positions.</i> </div>	M	AN	6/8	Must use
BEG05	323	Purchase Order Date Description: Date assigned by the purchaser to Purchase Order. Date expressed as CCYYMMDD.	M	DT	8/8	Must use

REF Reference Identification

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

To specify identifying 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 Number Qualifier Description: Code qualifying the Reference Number. <u>Code Name</u> PD Promotion/Deal Number VN Vendor Order Number VR Vendor ID Number	M	ID	2/2	Must use
REF02	127	Reference Identification Description: Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. User Note 1: <i>If REF01=PD, the 8 character Walgreens Promo/Deal Number will be in this element.</i> <i>If REF01=VR or VN, the 6 character Walgreens Marketing Vendor number will be in this element.</i>	M	AN	6/30	Must use
REF03	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/45	Used

Syntax:

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

User Note 1:

The REF segment is used for transmission of the Walgreens Marketing Vendor number on all PO types.

Promotional/Deal number may be sent on Distribution Center and Central Direct Orders.

PER Administrative Communications Contact

Pos: 060	Max: 2
Heading - Optional	
Loop: N/A	Elements: 4

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 Description: Code identifying the major duty or responsibility of the person or group named User Note 1: <i>WH is used only on Central Direct orders.</i> <u>Code Name</u> BD Buyer Name or Department WH Warehouse	M	ID	2/2	Must use
PER02	93	Name Description: Free-form name User Note 1: <i>On Central Direct orders PER02 will contain the following value: SEE ATTACHED LIST</i> <i>It refers to the store numbers and quantities contained in the SDQ segment..</i>	O	AN	1/35	Used
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number <u>Code Name</u> TE Telephone	C	ID	2/2	Used
PER04	364	Telephone Number Description: Complete communications number including country or area code when applicable	C	AN	7/21	Used

Syntax:

P0304 -- If either PER03 or PER04 are present, then the others are required.

User Note 1:

PER segment is included on Distribution Center and Central Direct orders. It is not used on Direct Store orders.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 120	Max: 1
Heading - Optional	
Loop: SAC	Elements: 13

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	A/C Indicator Description: Code which indicates an allowance or charge for the service specified <u>Code Name</u> A Allowance C Charge	M	ID	1/1	Must use
SAC02	1300	Service, Promotion, Allowance, or Charge Code Description: Code identifying the service, promotion, allowance, or charge <u>Code Name</u> ZZZZ Mutually Defined	C	ID	4/4	Used
SAC03	559	Agency Qualifier Code Description: Code identifying the agency assigning the code values. <u>Code Name</u> AX ANSI Accredited Standards Committee, X12	C	ID	2/2	Used
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code Description: Agency maintained code identifying the service, promotion, allowance, or charge.	C	AN	1/10	Used
SAC06	378	Allowance/Charge Percent Qualifier Description: Code indicating on what basis allowance or charge percent is calculated. <u>Code Name</u> 1 Item List Cost 2 Item Net Cost 3 Discount/Gross 4 Discount/Net 5 Base Price per Unit 6 Base Price Amount 7 Base Price Amount Less Previous Discount 8 Net Monthly On All Invoices Past Due 9 Late Payment Charge Base Amount A Fuel Rate Z Mutually Defined	C	ID	1/1	Used
SAC07	332	Percent Description: Percent expressed as a percent User Note 1: <i>Will accept 2 decimal positions</i>	C	R	1/6	Used
SAC08	118	Rate Description: Rate expressed in the standard monetary denomination for the currency specified User Note 1: <i>Will accept 3 decimal positions</i>	O	R	1/9	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC09	355	Unit of Measure Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> AS Assortment CA Case DE Deal DZ Dozen EA Each	C	ID	2/2	Used
SAC10	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used
SAC11	380	Quantity of Free Goods Description: Numeric value of quantity User Note 1: <i>Will accept 2 decimal positions</i>	O	R	1/10	Used
SAC12	331	Allowance or Charge Method of Handling Code Description: Code indicating method of handling for an allowance or charge <u>Code Name</u> 01 Bill Back 02 Off Invoice 03 Vendor Check to Customer 04 Credit Customer Account 05 Charge to be Paid by Vendor	O	ID	2/2	Used
SAC13	127	Reference Number Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/16	Used
SAC15	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/45	Used

Syntax:

- R0203 -- At least one of SAC02 or SAC03 is required.
P0304 -- If either SAC03 or SAC04 are present, then the others are required.
P0607 -- If either SAC06 or SAC07 are present, then the others are required.
P0910 -- If either SAC09 or SAC10 are present, then the others are required.
C1110 -- If SAC11 is present, then SAC10 is required
L130204 -- If SAC13 is present, then at least one of SAC02 or SAC04 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.

Comments:

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

User Note 1:

SAC segment may be sent on Distribution Center and Central Direct orders. It is not used on Direct Store orders.

ITD**Terms of Sale/Deferred Terms of Sale**

Pos: 130	Max: 1
Heading - Optional	
Loop: N/A	Elements: 6

To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Description: Code identifying type of payment terms <u>Code Name</u> 01 Basic 02 End of Month (EOM) 05 Discount Not Applicable 12 10 Days After End of Month (10 EOM)	O	ID	2/2	Used
ITD02	333	Terms Date Code Description: Code identifying the beginning of the terms period <u>Code Name</u> 1 Ship Date 2 Delivery Date 3 Invoice Date 15 Receipt of Goods	O	ID	1/2	Used
ITD03	338	Terms Discount Percent Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date User Note 1: <i>Will accept 3 decimal positions</i>	O	R	1/6	Used
ITD05	351	Terms Discount Days Due Description: Number of days in the terms discount period by which payment is due if terms discount is earned	C	N0	1/3	Used
ITD07	386	Terms Net Days Due Description: Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3	Used
ITD12	352	Description Description: A free-form description to clarify the related data elements and their content	O	AN	1/80	Used

Syntax:

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

Comments:

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

User Note 1:*ITD segment is transmitted on Distribution Center and Central Direct orders. It is not used on Direct Store orders.*

DTM Date/Time Reference

Pos: 150	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time <u>Code Name</u> 074 Requested for Delivery (Prior to and Including)	M	ID	3/3	Must use
DTM02	373	Requested Delivery Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use

Syntax:

R020306 -- At least one of DTM02, DTM03 or DTM06 is required.

User Note 1:

DTM segment is used for all PO types.

N9 Reference Identification

Pos: 295	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

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 Description: Code qualifying the Reference Identification. <u>Code Name</u> ZZ Mutually Defined	M	ID	2/2	Must use
N903	369	Free-form Description Description: Free-form descriptive text User Note 1: <i>This element will contain one of the following values:</i> ALL WHI	M	AN	3/3	Must use

Syntax:

R0203 -- At least one of N902 or N903 is required.

User Note 1:

N9 segment may be used on Distribution Center and Central Direct orders. It is not used on Direct Store orders.

MSG Message Text

Pos: 300	Max: 10
Heading - Optional	
Loop: N9	Elements: 1

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	Special Messages	M	AN	1/60	Must use
		Description: Free-form message text				

User Note 1:

MSG segment may be used on Distribution Center and Central Direct orders. It is not used on Direct Store orders.

N1**Name**

Pos: 310	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

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 Description: Code identifying an organizational entity, a physical location, or an individual <u>Code Name</u> BT Bill-to-Party ST Ship To	M	ID	2/2	Must use
N102	93	Name Description: Free-form name	C	AN	1/35	Used
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) <u>Code Name</u> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 92 Assigned by Buyer or Buyer's Agent	C	ID	1/2	Used
N104	67	Identification Code Description: Code identifying a party or other code User Note 1: <i>One of the following will be sent in this element:</i> <i>13 characters: DUNS+4 warehouse location ID (N103=9)</i> <i>13 characters: DUNS+4 billing location ID (N103=9)</i> <i>5 characters: Walgreens store number (N103=92).</i>	C	AN	5/17	Used

Syntax:

R0203 -- At least one of N102 or N103 is required.

P0304 -- If either N103 or N104 are present, then the others are required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

User Note 1:

N1 segment is used for all PO types.

N3 Address Information

Pos: 330	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 2

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 Line 1 Description: Address information	M	AN	1/35	Must use
N302	166	Address Line 2 Description: Address information	O	AN	1/35	Used

User Note 1:

N3 segment is used for all PO types.

N4 Geographic Location

Pos: 340	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

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 Description: Free-form text for city name	M	AN	2/19	Must use
N402	156	State Description: Code (Standard State/Province) as defined by appropriate government agency	M	ID	2/2	Must use
N403	116	Zip Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	M	ID	5/9	Must use
N404	26	Country Code Description: Code identifying the country	O	ID	2/2	Used

User Note 1:

N4 segment is used for all PO types.

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 9

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	PO Line # Description: Alphanumeric characters assigned for differentiation within a transaction set	M	AN	3/3	Must use
PO102	330	Quantity Description: Quantity ordered	M	R	1/9	Must use
PO103	355	Unit of Measure (U/M) Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> AS Assortment CA Case DE Deal DZ Dozen EA Each	M	ID	2/2	Must use
PO104	212	Unit Price Description: Price per unit of product, service, commodity, etc. User Note 1: <i>This element is not sent if the specified item and quantity are Free Goods.</i> User Note 2: <i>Will accept 2 decimal positions</i>	M	R	1/9	Must use
PO105	639	Basis of Unit Price Description: Code identifying the type of unit price for an item User Note 1: <i>This element is not sent if the specified item and quantity are Free Goods.</i> <u>Code Name</u> PE Price per Each User Note 1: <i>Direct store orders always contain a value of PE in this element.</i> PR Promotion User Note 1: <i>Based on prior agreement with trading partner, on Distribution Center and Central Direct orders, this element may contain a value of PR for promotional quantities.</i>	O	ID	2/2	Used
PO106	235	Item ID Type Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <u>Code Name</u> EN European Article Number (EAN) (2-5-5-1) ND National Drug Code (NDC) UI U.P.C. Consumer Package Code (1-5-5) UP U.P.C. Consumer Package Code (1-5-5-1)	M	ID	2/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO107	234	Item Identifier Description: Identifying number for a product or service User Note 1: <i>UPC/NDC/EAN Code</i>	M	AN	11/14	Must use
PO108	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) User Note 1: <i>Distribution Center and Central Direct orders only.</i> <u>Code Name</u> IN Buyer's Item Number	C	ID	2/2	Used
PO109	234	Walgreens Item Code Description: Identifying number for a product or service User Note 1: <i>6 character Walgreens Item Code (WIC). Distribution Center and Central Direct Orders only.</i>	C	AN	6/6	Used

Syntax:

C0302 -- If PO103 is present, then PO102 is required
C0504 -- If PO105 is present, then PO104 is required
C0607 -- If PO106 is present, then PO107 is required
C0809 -- If PO108 is present, then PO109 is required

Comments:

1. PO01 is the line item identification

User Note 1:

PO1 segment is used for all PO types..

PID Product/Item Description

Pos: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

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 Description: Code indicating the format of a description <u>Code Name</u> F Free-form	M	ID	1/1	Must use
PID05	352	Description Description: A free-form description to clarify the related data elements and their content	M	AN	1/45	Must use

Syntax:

R0405 -- At least one of PID04 or PID05 is required.

Comments:

1. If PID01 equals "F", then PID05 is used.

User Note 1:

PID segment is transmitted on Distribution Center and Central Direct orders. It is not used on Direct Store orders.

PO4 Item Physical Details

Pos: 090	Max: 1
Detail - Optional	
Loop: PO1	Elements: 3

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

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 Description: Number of inner pack units per outer pack unit.	O	N0	1/5	Used
PO402	357	Inner Pack size Description: Size of supplier units in pack	C	R	1/5	Used
PO403	355	Unit of Measure Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Used
		<u>Code Name</u>				
		AS Assortment				
		CA Case				
		DE Deal				
		DZ Dozen				
		EA Each				

Syntax:

C0203 -- If PO402 is present, then PO403 is required

Comments:

- PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = CA

User Note 1:

PO4 segment is transmitted on Distribution Center and Central Direct orders only at vendor's request. It is not used on Direct Store orders.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 130	Max: 1
Detail - Optional	
Loop: SAC	Elements: 6

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	A/C Indicator Description: Code which indicates an allowance or charge for the service specified <u>Code Name</u> A Allowance C Charge	M	ID	1/1	Must use
SAC02	1300	Service, Promotion, Allowance, or Charge Code Description: Code identifying the service, promotion, allowance, or charge <u>Code Name</u> ZZZZ Mutually Defined	C	ID	4/4	Used
SAC06	378	Allowance/Charge Percent Qualifier Description: Code indicating on what basis allowance or charge percent is calculated. <u>Code Name</u> 1 Item List Cost 2 Item Net Cost 3 Discount/Gross 4 Discount/Net 5 Base Price per Unit 6 Base Price Amount 7 Base Price Amount Less Previous Discount 8 Net Monthly On All Invoices Past Due 9 Late Payment Charge Base Amount A Fuel Rate Z Mutually Defined	C	ID	1/1	Used
SAC07	332	Percent Description: Percent expressed as a percent User Note 1: <i>Will accept 2 decimal positions</i>	C	R	1/6	Used
SAC08	118	Rate Description: Rate expressed in the standard monetary denomination for the currency specified	O	R	1/9	Used
SAC15	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Used

Syntax:

R0203 -- At least one of SAC02 or SAC03 is required.

P0607 -- If either SAC06 or SAC07 are present, then the others are required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

Comments:

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

User Note 1:

SAC segment may be sent on Distribution Center and Central Direct orders. It is not used on Direct Store orders.

SDQ Destination Quantity

Pos: 190	Max: 500
Detail - Optional	
Loop: PO1	Elements: 22

To specify destination and quantity detail

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 of Measure Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> AS Assortment CA Case DE Deal DZ Dozen EA Each	M	ID	2/2	Must use
SDQ02	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) <u>Code Name</u> 92 Assigned by Buyer or Buyer's Agent	M	ID	2/2	Must use
SDQ03	67	Walgreens Store Number Description: Code identifying a party or other code User Note 1: <i>Walgreens Store #</i>	M	AN	5/5	Must use
SDQ04	380	Quantity Description: Numeric value of quantity	M	R	1/7	Must use
SDQ05	67	Walgreens Store Number Description: Code identifying a party or other code User Note 1: <i>Walgreens Store #</i>	C	AN	5/5	Used
SDQ06	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used
SDQ07	67	Walgreens Store Number Description: Code identifying a party or other code User Note 1: <i>Walgreens Store #</i>	C	AN	5/5	Used
SDQ08	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used
SDQ09	67	Walgreens Store Number Description: Code identifying a party or other code User Note 1: <i>Walgreens Store #</i>	C	AN	5/5	Used
SDQ10	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used
SDQ11	67	Walgreens Store Number Description: Code identifying a party or other code	C	AN	5/5	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		User Note 1: <i>Walgreens Store #</i>				
SDQ12	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used
SDQ13	67	Walgreens Store Number Description: Code identifying a party or other code	C	AN	5/5	Used
		User Note 1: <i>Walgreens Store #</i>				
SDQ14	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used
SDQ15	67	Walgreens Store Number Description: Code identifying a party or other code	C	AN	5/5	Used
		User Note 1: <i>Walgreens Store #</i>				
SDQ16	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used
SDQ17	67	Walgreens Store Number Description: Code identifying a party or other code	C	AN	5/5	Used
		User Note 1: <i>Walgreens Store #</i>				
SDQ18	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used
SDQ19	67	Walgreens Store Number Description: Code identifying a party or other code	C	AN	5/5	Used
		User Note 1: <i>Walgreens Store #</i>				
SDQ20	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used
SDQ21	67	Walgreens Store Number Description: Code identifying a party or other code	C	AN	5/5	Used
		User Note 1: <i>Walgreens Store #</i>				
SDQ22	380	Quantity Description: Numeric value of quantity	C	R	1/7	Used

Syntax:

C0506 -- If SDQ05 is present, then SDQ06 is required
 C0708 -- If SDQ07 is present, then SDQ08 is required
 C0910 -- If SDQ09 is present, then SDQ10 is required
 C1112 -- If SDQ11 is present, then SDQ12 is required
 C1314 -- If SDQ13 is present, then SDQ14 is required
 C1516 -- If SDQ15 is present, then SDQ16 is required
 C1718 -- If SDQ17 is present, then SDQ18 is required
 C1920 -- If SDQ19 is present, then SDQ20 is required
 C2122 -- If SDQ21 is present, then SDQ22 is required

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.

User Note 1:

SDQ segment is transmitted only on Central Direct orders..

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Mandatory	
Loop: CTT	Elements: 6

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 Description: Total number of line items in the transaction set	M	N0	1/4	Must use
CTT02	347	Total Quantity Ordered 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 beinghashed..18 Second occurrence of value beinghashed.1.8 Third occurrence of value beinghashed.18.01 Fourth occurrence of value beinghashed.-----1855 Hash total prior to truncation.855 Hash total after truncation tothree-digit field.	O	R	1/9	Used
CTT03	81	Weight Description: Numeric value of weight	C	R	1/8	Used
CTT04	355	Unit of Measure Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> LB Pound	C	ID	2/2	Used
CTT05	183	Volume Description: Value of volumetric measure User Note 1: <i>Total cube.</i>	C	R	1/8	Used
CTT06	355	Unit of Measure Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> FT Foot	C	ID	2/2	Used

Syntax:

P0304 -- If either CTT03 or CTT04 are present, then the others are required.
P0506 -- If either CTT05 or CTT06 are present, then the others are required.

Comments:

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

User Note 1:

*CTT segment is used for all PO types.
Only CTT01 is sent on Direct Store orders.*

Distribution Center and Central Direct orders use all elements listed.

SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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 Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

- SE is the last segment of each transaction set.