Walgreens Invoice (DSD) 810

X12- 4010

810 Invoice

Functional Group=IN

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Segments:

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

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BIG	Beginning Segment for Invoice	M	1			Must use
LOOP ID - N1					**1**		
070	N1	Name - Remit To	M	1			Must use
LOOP ID - N1					**1**		
070	N1	Name - Ship To	M	1			Must use
LOOP ID - N1					**1**		
070	N1	Name - Vendor	M	1			Must use
110	REF	Reference Numbers - Vendor Accounts Payable Number	M	1			Must use
110	REF	Reference Numbers	O	3			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	M	1			Must use
150	FOB	F.O.B. Related Instructions	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - IT1					**1000**		
010	IT1	Baseline Item Data (Invoice)	M	1			Must use
LOOP ID - PID					**1**		
060	PID	Product/Item Description	M	1			Must use
100	PO4	Item Physical Details	O	1			Used
LOOP ID - SAC					**4**		
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage

010	TDS	Total Monetary Value Summary	M	1			Must use
LOOP ID - SAC				**4**			
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
070	CTT	Transaction Totals	M	1		N3/070	Must use
080	SE	Transaction Set Trailer	M	1			Must use

Segments:

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

Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

User Note 1:

WALGREENS CONTACTS:

EDI Services Staff (847) 272-9896 x251
edi.support@walgreens.com

EDI Invoicing Staff (217) 443-0410 x8754
edi810.setup @walgreens.com

TESTING PROCESS OVERVIEW:

When you feel you are ready to send a test transmission, call the EDI Invoicing staff to schedule the test with Walgreens. Transmissions sent without prior contact will not be recognized. Test data should be an accurate representation of what production data will look like. We will accept ONE TEST FILE (containing live invoices for Distribution Center shipments, Direct Store shipments, or both if applicable to our business relationship), process it, determine its validity, and respond to you as promptly as possible. We request that you refrain from sending additional test data until you have been notified of the disposition of the previous file sent. When test data is acceptable you will be notified. A parallel date will be set and production IDs will be provided. During the parallel stage EDI transactions will be processed through the production system using paper invoices to check data accuracy.

PRODUCTION PROCESSING:

Once testing has been completed, a parallel/full production date will be set. All Direct Store Delivery vendors must continue to send hard-copy invoices to the stores. This requirement will be discontinued at a later date. We will inform you immediately when it is no longer necessary to forward the hard-copy to store locations.

EDI IDs TO BE USED FOR TESTING:

Walgreens qualifier to be used in the ISA for testing invoices is 'ZZ'.
Walgreens ID to be used in both the ISA and GS for testing invoices is '008965063T'.

SEPARATORS/TERMINATORS USED BY WALGREENS:

Sub-element separator: > or Hex 6E
*Element separator: * or Hex 5C*
Segment terminator: _ or Hex 15

BUSINESS ISSUES:

1. Please notify Walgreens if you have an Email address that we can use to communicate with your company.

2. Walgreens accepts daily EDI invoicing only. Vendors billing us on a paper statement will be required to use standard 810 Invoice mappings for EDI. All EDI 810 transactions must include line item detail.

3. Test data must be a accurate representation of what production data will look like. If production data is different from what was sent in test (i.e., test data contained individual credit memos, but production data combines credits with charges) the vendor may be subject to additional fees for manual keying of rejected invoices.

4. Walgreens requires a minimum of 20 test DC and/or DSD invoices as well as 20 credit memos, if applicable. Initial test transmissions should consist of at least two debits and credits if applicable. Sometimes vendors wait to send their first transmission until they have 20 invoices. We want to start testing as soon as possible. A test file congruent to a production transmission is fine.

5. Walgreens accepts live transmissions only from vendors who have successfully completed testing.

6. Walgreens requires notification and re-testing when a vendor makes EDI hardware, software, mapping or version upgrades or changes.

7. Walgreens will accept only original, authentic invoicing via EDI. Alteration to invoices resulting in duplicate payments may result in termination of EDI invoicing partnership with Walgreens.

8. Invoices should be transmitted to Walgreens within 48 hours following delivery of merchandise.

9. Vendors must notify Walgreens within 3 days of transmission if a 997 Functional Acknowledgment has not been received in response to 810 Invoice transmission. Please note that your FA's may contain notification of items that have been rejected in the EDI Edit process.

10. Walgreens' Danville Accounting office must be notified of additional transmissions resulting from vendor acquisition or consolidation.

11. Under no circumstances, for any reason, can a retransmission of invoices be made without prior authorization from the EDI Accounts Payable Supervisor. Invoices for shipments to our DC locations can NOT be retransmitted. Unauthorized retransmissions may result in penalties.

12. Vendors must maintain a current and accurate Walgreens location database. A file containing this information can be provided upon request.

13. Vendors may be required to provide paper invoices for transactions rejected due to invalid data.

14. All sales categories must be invoiced separately (i.e., Cigarettes, Liquor, RX items, Self Service items).

15. Invoices containing a combination of charges and credits will be rejected (not processed). Paper documents may need to be provided. A debit (DI) or credit (CR) qualifier is required on all 810 Invoice transactions. Charges and credits must be invoiced separately.

16. Walgreens is not currently capable of accepting EDI Invoices for expense items.

17. Walgreens is not currently capable of accepting split invoice terms.

18. LIQUOR VENDORS - Walgreens' system updates inventory based on receipt. If there are over, short or damaged items, the driver should note occurrences at delivery time and return updates to vendor for appropriate correction in order to produce (an accurate post delivery transmission) prior to transmission.

19. Only one Purchase Order per invoice is allowed.

20. The Walgreens Accounts Payable Number is required in the heading level REF02 element. To obtain this number, please contact the Danville Accounting Department.

21. Walgreens Marketing Vendor Number is required in the heading level N104 element.

22. Walgreens' only retains the last six digits of the vendor invoice number for return on paper remittance. However, if we receive an 810 Invoice, up to 15 characters will be retained and returned on the remittance.

23. Walgreens prefers to receive WIC numbers on invoices for shipment to our DCs.

24. No changes should be made to the existing paper processing as a result of conversations regarding EDI testing. Hard-copy invoices must continue to be sent to stores, until advised otherwise.

If you have any questions regarding these issues, please contact the EDI Invoicing staff noted above.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	**143**	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **Code** **Name** 810 X12.2 Invoice	**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:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BIG Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIG01	**373**	**Invoice Date** **Description:** Date expressed as CCYYMMDD	**M**	**DT**	**8/8**	**Must use**
BIG02	**76**	**Invoice Number** **Description:** Identifying number assigned by issuer **User Note 1:** *Walgreens uses up to 15 digits of the transmitted invoice number.*	**M**	**AN**	**1/22**	**Must use**
BIG03	**373**	**Purchase Order Date** **Description:** Date expressed as CCYYMMDD	**M**	**DT**	**8/8**	**Must use**
BIG04	**324**	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser **User Note 1:** *Walgreens will accept a vendor-assigned Purchase Order Number or Invoice Number if no Walgreens Purchase Order Number has been assigned.*	**M**	**AN**	**1/22**	**Must use**
BIG07	**640**	**Invoice Type** **Description:** Code specifying the type of transaction **User Note 1:** *As the signs (+, -) for dollar amounts can vary depending on the partner's application, Walgreens will use the BIG07 value to determine the sign needed Walgreens AP processing. The BIG07 will be used to distinguish an invoice from a credit memo. (Positive and negative lines are not accepted in the same transaction. The BIG07 determines a debit or credit.)* **Code** **Name** CR Credit Memo DI Debit Invoice	**M**	**ID**	**2/2**	**Must use**

Comments:

1. BIG07 is used only to further define the type of invoice when needed.

N1 Name - Remit To

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 2

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	**98**	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** RE Party to receive commercial invoice remittance	**M**	**ID**	**2/2**	**Must use**
N102	**93**	**Name** **Description:** Free-form name	**M**	**AN**	**1/35**	**Must use**

Syntax:

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

User Note 1:

DIRECT STORE DELIVERY invoices must contain the following values:

When N101 = 'RE' N102 = Remit To Name

When N101 = 'ST' N103 = '92'
N104 = Walgreens 5 digit Store Number

When N101 = 'VN' N103 = '92'
N104 = Walgreens 6 digit Marketing Vendor Number

N1 Name - Ship To

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	**98**	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** 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) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	**M**	**ID**	**2/2**	**Must use**
N104	**67**	**Walgreens Store Number** **Description:** Code identifying a party or other code **User Note 1:** *Walgreens 5 digit Store Number*	**M**	**AN**	**5/5**	**Must use**

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:

DIRECT STORE DELIVERY invoices must contain the following values:

When N101 = 'RE' N102 = Remit To Name

When N101 = 'ST' N103 = '92'
N104 = Walgreens 5 digit Store Number

When N101 = 'VN' N103 = '92'
N104 = Walgreens 6 digit Marketing Vendor Number

N1 Name - Vendor

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	**98**	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **Code** **Name** VN Vendor	**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) **Code** **Name** 92 Assigned by Buyer or Buyer's Agent	**M**	**ID**	**2/2**	**Must use**
N104	**67**	**Walgreens Marketing Vendor Number** **Description:** Code identifying a party or other code **User Note 1:** *Walgreens 6 digit Marketing Vendor Number*	**M**	**AN**	**6/6**	**Must use**

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:

DIRECT STORE DELIVERY invoices must contain the following values:

When N101 = 'RE' N102 = Remit To Name

When N101 = 'ST' N103 = '92'
N104 = Walgreens 5 digit Store Number

When N101 = 'VN' N103 = '92'
N104 = Walgreens 6 digit Marketing Vendor Number

REF Reference Numbers - Vendor Accounts Payable Number

Pos: 110	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 2

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	**128**	**Reference Number Qualifier** **Description:** Code qualifying the Reference Identification **Code** **Name** VR Vendor ID Number	**M**	**ID**	**2/2**	**Must use**
REF02	**127**	**Vendor Accounts Payable Number** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **User Note 1:** *6 digit Walgreens AP Vendor Number*	**M**	**AN**	**6/6**	**Must use**

Syntax:

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

User Note 1:

All invoices require one occurrence of the REF segment for the AP Vendor Number. Required values are:

REF01 = 'VR' REF02 = 6 digit Walgreens AP Vendor Number

REF Reference Numbers

Pos: 110	Max: 3
Heading - Optional	
Loop: N1	Elements: 2

To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	**128**	**Reference Number Qualifier** **Description:** Code qualifying the Reference Identification **Code Name** BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice)	**M**	**ID**	**2/2**	**Must use**
REF02	**127**	**Reference Number** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**M**	**AN**	**1/15**	**Must use**

Syntax:

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

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 9**

To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD01	**336**	**Terms Type** **Description:** Code identifying type of payment terms **Code Name** ZZ Mutually Defined	**M**	**ID**	**2/2**	**Must use**
ITD02	**333**	**Terms Basis Date Code** **Description:** Code identifying the beginning of the terms period **Code Name** ZZ Mutually Defined	**M**	**ID**	**1/2**	**Must use**
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:** *3 decimal positions will be accepted.*	**O**	**R**	**1/6**	**Used**
ITD04	**370**	**Terms Discount Due Date** **Description:** Date payment is due if discount is to be earned.	**C**	**DT**	**8/8**	**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**
ITD06	**446**	**Terms Net Due Date** **Description:** Date when total invoice amount becomes due.	**M**	**DT**	**8/8**	**Must use**
ITD07	**386**	**Terms Net Days Due** **Description:** Number of days until total invoice amount is due (discount not applicable)	**M**	**N0**	**1/3**	**Must use**
ITD08	**362**	**Terms Discount Amount** **Description:** Total amount of terms discount	**C**	**N2**	**1/10**	**Used**
ITD12	**352**	**Description** **Description:** A free-form description to clarify the related data elements and their content	**M**	**AN**	**1/80**	**Used**

Syntax:

L03040513 -- If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
L08040513 -- If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required..
C03040508 -- If ITD03 is present, then all of ITD04,ITD05,ITD08 are required

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User Note 1:

If terms include a discount, the following element string is required:
ITD01, 02, 03, 04, 05, 06, 07, 08 & 12

If terms do not include a discount, the following elements are required:
ITD01, 02, 06, 07 & 12

At this time, Walgreens is unable to accept invoices with split payment terms via EDI (unless billed on separate invoices).

FOB F.O.B. Related Instructions

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

To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	**146**	**Shipment Method of Payment** **Description:** Code identifying payment terms for transportation charges **Code** **Name** CC Collect **User Note 1:** *The user must send 'D240' in the Summary Level SAC02 when FOB01 = 'CC'.* PP Prepaid (by Seller)	**M**	**ID**	**2/2**	**Must use**

Semantics:

1. FOB01 indicates which party will pay the carrier.

User Note 1:

The user must send this FOB segment when the shipment method of payment is collect. The corresponding freight cost is indicated in the Summary level SAC segment.

IT1 Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Mandatory	
Loop: IT1	Elements: 15

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT101	**350**	**Line Number** **Description:** Alphanumeric characters assigned for differentiation within a transaction set **User Note 1:** *The Purchase Order Line Number is preferred by Walgreens. A sequential counter in this element is also acceptable.*	**O**	**AN**	**1/3**	**Used**
IT102	**358**	**Quantity Invoiced** **Description:** Number of units invoiced (supplier units) **User Note 1:** *2 decimal positions will be accepted.*	**M**	**R**	**1/10**	**Must use**
IT103	**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	**M**	**ID**	**2/2**	**Must use**

Code	Name
15	Stick
AS	Assortment
BD	Bundle
BR	Barrel
BX	Box
CA	Case
CC	Cubic Centimeter
CF	Cubic Feet
CG	Card
CT	Carton
DE	Deal
DZ	Dozen
EA	Each
FO	Fluid Ounce
FT	Foot
GA	Gallon
GR	Gram
GS	Gross
IN	Inch
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
PD	Pad
PH	Pack (PAK)
PR	Pair
PT	Pint

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		QT Quart RL Roll SH Sheet YD Yard				
IT104	**212**	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **User Note 1:** *4 decimal positions will be accepted.*	**M**	**R**	**1/14**	**Must use**
IT105	**639**	**Basis of Unit Price** **Description:** Code identifying the type of unit price for an item **Code Name** PE Price per Each	**O**	**ID**	**2/2**	**Used**
IT106	**235**	**Primary Item Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234). **Code Name** 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**
IT107	**234**	**Primary Item ID** **Description:** Identifying number for a product or service.	**M**	**AN**	**11/14**	**Must use**
IT108	**235**	**Supplemental ID Qualifier 1** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code Name** 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)	**C**	**ID**	**2/2**	**Used**
IT109	**234**	**Supplemental ID 1** **Description:** Identifying number for a product or service	**C**	**AN**	**11/14**	**Used**
IT110	**235**	**Supplemental ID Qualifier 2** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code Name** 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)	**C**	**ID**	**2/2**	**Used**
IT111	**234**	**Supplemental ID 2** **Description:** Identifying number for a product or service	**C**	**AN**	**11/14**	**Used**
IT112	**235**	**Supplemental ID Qualifier 3** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code Name** 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)	**C**	**ID**	**2/2**	**Used**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT113	**234**	**Supplemental ID 3** **Description:** Identifying number for a product or service	**C**	**AN**	**11/14**	**Used**
IT114	**235**	**Supplemental ID Qualifier 4** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **Code Name** 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)	**C**	**ID**	**2/2**	**Used**
IT115	**234**	**Supplemental ID 4** **Description:** Identifying number for a product or service	**C**	**AN**	**11/14**	**Used**

Syntax:

C0607 -- If IT106 is present, then IT107 is required
C0809 -- If IT108 is present, then IT109 is required
C1011 -- If IT110 is present, then IT111 is required
C1213 -- If IT112 is present, then IT113 is required
C1415 -- If IT114 is present, then IT115 is required
P020304 -- If either IT102,IT103,IT104 is present, then all are required

Semantics:

1. IT101 is the purchase order line item identification.

PID Product/Item Description

Pos: 060	Max: 1
Detail - Mandatory	
Loop: PID	Elements: 2

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	**349**	**Item Description Type** **Description:** Code indicating the format of a description **Code** **Name** F Free-form	**M**	**ID**	**1/1**	**Must use**
PID05	**352**	**Item Description** **Description:** A free-form description to clarify the related data elements and their content	**M**	**AN**	**1/80**	**Must use**

Syntax:

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

Comments:

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

PO4 Item Physical Details

Pos: 100	Max: 1
Detail - Optional	
Loop: IT1	Elements: 7

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	**356**	**Inner Pack/Outer Pack** **Description:** Number of inner pack units per outer pack unit.	**O**	**N0**	**1/6**	**Used**
PO402	**357**	**Size of Supplier Units in Pack** **Description:** Size of supplier units in pack **User Note 1:** *1 decimal position will be accepted.*	**C**	**R**	**1/8**	**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**
PO406	**384**	**Gross Weight per Pack** **Description:** Numeric value of gross weight per pack **User Note 1:** *1 decimal position will be accepted.*	**C**	**R**	**1/9**	**Used**

Code	Name
15	Stick
AS	Assortment
BD	Bundle
BR	Barrel
BX	Box
CA	Case
CC	Cubic Centimeter
CF	Cubic Feet
CG	Card
CT	Carton
DE	Deal
DZ	Dozen
EA	Each
FO	Fluid Ounce
FT	Foot
GA	Gallon
GR	Gram
GS	Gross
IN	Inch
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
PD	Pad
PH	Pack (PAK)
PR	Pair
PT	Pint
QT	Quart
RL	Roll
SH	Sheet
YD	Yard

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO407	**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**

Code	Name
15	Stick
AS	Assortment
BD	Bundle
BR	Barrel
BX	Box
CA	Case
CC	Cubic Centimeter
CF	Cubic Feet
CG	Card
CT	Carton
DE	Deal
DZ	Dozen
EA	Each
FO	Fluid Ounce
FT	Foot
GA	Gallon
GR	Gram
GS	Gross
IN	Inch
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
PD	Pad
PH	Pack (PAK)
PR	Pair
PT	Pint
QT	Quart
RL	Roll
SH	Sheet
YD	Yard

PO408	**385**	**Gross Volume per Pack** **Description:** Numeric value of gross volume per pack	**C**	**R**	**1/9**	**Used**

User Note 1:

1 decimal position will be accepted.

PO409	**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**

Code	Name
15	Stick
AS	Assortment
BD	Bundle
BR	Barrel
BX	Box
CA	Case
CC	Cubic Centimeter
CF	Cubic Feet
CG	Card
CT	Carton
DE	Deal
DZ	Dozen
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		FO Fluid Ounce				
		FT Foot				
		GA Gallon				
		GR Gram				
		GS Gross				
		IN Inch				
		LB Pound				
		LT Liter				
		MC Microgram				
		ME Milligram				
		ML Milliliter				
		MM Millimeter				
		MR Meter				
		OZ Ounce - Av				
		PD Pad				
		PH Pack (PAK)				
		PR Pair				
		PT Pint				
		QT Quart				
		RL Roll				
		SH Sheet				
		YD Yard				

Syntax:

C0203 -- If PO402 is present, then PO403 is required
C0607 -- If PO406 is present, then PO407 is required
P0809 -- If either PO408 or PO409 are present, then the others are required.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 180	Max: 1
Detail - Optional	
Loop: SAC	Elements: 9

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	**248**	**A/Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified **Code Name** 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 **Code Name** A170 Adjustments A360 Alcoholic Beverage Report Charge A600 Bill of Lading Charge B560 Container Allowance B570 Container Deposits B800 Credit C040 Delivery C090 Deposit Charges C110 Deposit C260 Discount - Incentive C300 Discount - Special C310 Discount C320 Display Allowance D170 Free Goods D240 Freight D340 Goods and Services Charge D350 Goods and Services Credit Allowance D360 Goods and Services Tax Charge E065 Invoice Adjustment E070 Invoice Services E080 Invoice with Goods E580 Memo Returnable Container E710 New Discount E720 New Distribution Allowance E730 New Item Allowance E740 New Store Allowance E750 New Store Discount E760 New Warehouse Discount F240 Per Item Charge F280 Performance Allowance F800 Promotional Allowance F810 Promotional Discount F910 Quantity Discount G740 Service Charge G880 Shrinkage Allowance H000 Special Allowance H030 Special Credit H490 Subject To Tax On Resale H630 Tax - City Sales Tax (Only) H700 Tax - Local Tax	**M**	**ID**	**4/4**	**Must use**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		H770 Tax - State Tax H850 Tax ZZZZ Mutually Defined				
SAC05	**610**	**Amount** **Description:** Monetary amount	**M**	**N2**	**1/9**	**Must use**
SAC08	**118**	**Rate** **Description:** Rate expressed in the standard monetary denomination for the currency specified **User Note 1:** *3 decimal positions will be accepted.*	**O**	**R**	**1/9**	**Used**
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	**C**	**ID**	**2/2**	**Used**

Code	Name
15	Stick
AS	Assortment
BD	Bundle
BR	Barrel
BX	Box
CA	Case
CC	Cubic Centimeter
CF	Cubic Feet
CG	Card
CT	Carton
DE	Deal
DZ	Dozen
EA	Each
FO	Fluid Ounce
FT	Foot
GA	Gallon
GR	Gram
GS	Gross
IN	Inch
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
PD	Pad
PH	Pack (PAK)
PR	Pair
PT	Pint
QT	Quart
RL	Roll
SH	Sheet
YD	Yard

SAC10	**380**	**Quantity** **Description:** Numeric value of quantity **User Note 1:** *2 decimal positions will be accepted.*	**C**	**R**	**1/10**	**Used**
SAC11	**380**	**Quantity of Free Goods** **Description:** Numeric value of quantity	**O**	**R**	**1/10**	**Used**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		User Note 1: *2 decimal positions will be accepted.*				
SAC12	**331**	**Method of Handling** **Description:** Code indicating method of handling for an allowance or charge **Code** **Name** 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**
SAC15	**352**	**Description** **Description:** A free-form description to clarify the related data elements and their content	**M**	**AN**	**1/80**	**Must use**

Syntax:

R0203 -- At least one of SAC02 or SAC03 is required.
P0910 -- If either SAC09 or SAC10 are present, then the others are required.
C1110 -- If SAC11 is present, then SAC10 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.

User Note 1:

If item specific allowances, deals, or promotions exist, the user must send this segment.
For DSD invoices containing the SAC at item level, the user must send the following elements:
SAC01, 02, 05 & 15

For DSD invoices carrying LA or NY state tax, the user must send the following values:
SAC01 = 'C'
SAC02 = 'H770' or 'H850'
SAC05 = Total Tax Amount
SAC15 = 2 character State Code

For all other taxes the user must send the following values:
SAC01 = 'C'
SAC02 = 'H700'
SAC05 = Total Tax Amount
SAC15 = description of tax

TDS Total Monetary Value Summary

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 4

To specify the total invoice discounts and amounts

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TDS01	**610**	**Gross Invoice Amount** **Description:** Monetary amount **User Note 1:** *Gross Invoice Amount = Extended Line Total less allowances, deals and promotions.*	**M**	**N2**	**1/10**	**Must use**
TDS02	**610**	**Amount Subject to Cash Discount** **Description:** Monetary amount **User Note 1:** *Amount to which cash terms discount is applied. This value varies based on Walgreens/Vendor business relationship. If you have questions about this value, call the Walgreens EDI Invoicing Staff.*	**O**	**N2**	**1/10**	**Used**
TDS03	**610**	**Discounted (Net) Invoice Amount** **Description:** Monetary amount **User Note 1:** *Discounted (Net) Invoice Amount = Gross Invoice Amount (TDS01) less Cash Terms Discount Amount (TDS04).*	**O**	**N2**	**1/10**	**Used**
TDS04	**610**	**Terms Discount Amount** **Description:** Monetary amount **User Note 1:** *Cash Terms Discount Amount (same as ITD08).*	**O**	**N2**	**1/10**	**Used**

Comments:

1. TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

User Note 1:

To expedite processing, Walgreens would prefer to receive the TDS02, TDS03, and the TDS04 in addition to the TDS01.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040 **Max: 1**
Summary - Optional
Loop: SAC **Elements: 9**

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	**248**	**A/Charge Indicator** **Description:** Code which indicates an allowance or charge for the service specified **Code Name** 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 **Code Name** A170 Adjustments A360 Alcoholic Beverage Report Charge A600 Bill of Lading Charge B560 Container Allowance B570 Container Deposits B800 Credit C040 Delivery C090 Deposit Charges C110 Deposit C260 Discount - Incentive C300 Discount - Special C310 Discount C320 Display Allowance D170 Free Goods D240 Freight D340 Goods and Services Charge D350 Goods and Services Credit Allowance D360 Goods and Services Tax Charge E065 Invoice Adjustment E070 Invoice Services E080 Invoice with Goods E580 Memo Returnable Container E710 New Discount E720 New Distribution Allowance E730 New Item Allowance E740 New Store Allowance E750 New Store Discount E760 New Warehouse Discount F240 Per Item Charge F280 Performance Allowance F800 Promotional Allowance F810 Promotional Discount F910 Quantity Discount G740 Service Charge G880 Shrinkage Allowance H000 Special Allowance H030 Special Credit H490 Subject To Tax On Resale H630 Tax - City Sales Tax (Only) H700 Tax - Local Tax	**M**	**ID**	**4/4**	**Must use**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		H770 Tax - State Tax H850 Tax ZZZZ Mutually Defined				
SAC05	**610**	**Amount** **Description:** Monetary amount.	**O**	**N2**	**1/9**	**Used**
SAC08	**118**	**Rate** **Description:** Rate expressed in the standard monetary denomination for the currency specified **User Note 1:** *3 decimal positions will be accepted.*	**O**	**R**	**1/9**	**Used**
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	**C**	**ID**	**2/2**	**Used**

Code	Name
15	Stick
AS	Assortment
BD	Bundle
BR	Barrel
BX	Box
CA	Case
CC	Cubic Centimeter
CF	Cubic Feet
CG	Card
CT	Carton
DE	Deal
DZ	Dozen
EA	Each
FO	Fluid Ounce
FT	Foot
GA	Gallon
GR	Gram
GS	Gross
IN	Inch
LB	Pound
LT	Liter
MC	Microgram
ME	Milligram
ML	Milliliter
MM	Millimeter
MR	Meter
OZ	Ounce - Av
PD	Pad
PH	Pack (PAK)
PR	Pair
PT	Pint
QT	Quart
RL	Roll
SH	Sheet
YD	Yard

SAC10	**380**	**Quantity** **Description:** Numeric value of quantity **User Note 1:** *2 decimal positions will be accepted.*	**C**	**R**	**1/10**	**Used**
SAC11	**380**	**Quantity of Free Goods** **Description:** Numeric value of quantity	**O**	**R**	**1/10**	**Used**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		User Note 1: *2 decimal positions will be accepted.*				
SAC12	**331**	**Method of Handling** **Description:** Code indicating method of handling for an allowance or charge **Code Name** 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**
SAC15	**352**	**Description** **Description:** A free-form description to clarify the related data elements and their content	**M**	**AN**	**1/80**	**Must use**

Syntax:

R0203 -- At least one of SAC02 or SAC03 is required.
P0910 -- If either SAC09 or SAC10 are present, then the others are required.
C1110 -- If SAC11 is present, then SAC10 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.

User Note 1:

If invoice level allowances, deals or promotions exist, the user must send this SAC summary level segment.

For DSD invoices carrying LA or NY state tax, the user must send the following values:
SAC01 = 'C'
SAC02 = 'H770' or 'H850'
SAC05 = Total Tax Amount
SAC15 = 2 character State Code

For all other taxes the user must send the following values:
SAC01 = 'C'
SAC02 = 'H700'
SAC05 = Total Tax Amount
SAC15 = description of tax

If freight is billed on the invoice, the user must send SAC02 containing a value of 'D240' and the FOB01 containing a value of 'CC'.

CTT Transaction Totals

Pos: 070	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	**354**	**Total Number of Line Items** **Description:** Total number of line items in the transaction set	**M**	**N0**	**1/6**	**Must use**
CTT02	**347**	**Hash Total** **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 to three-digit field.	**O**	**R**	**1/10**	**Used**

Comments:

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

SE Transaction Set Trailer

Pos: 080	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

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