

810 Invoice

X12/V4010/810 : 810 Invoice

Version: 1.0 Final

Company:	Dollar Tree Stores
Publication:	9/16/2019

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810 Invoice

Functional Group=IN

Purpose: 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.

Dollar Tree Notes:

- 09/13/2019 - Quantity shipped can only be sent as eaches.
- 06/17/2019 - Invoice number, only allows a hyphen (-) for special characters.
- 01/12/2017 - Update specifications to include ISS03 through 06.

Not Defined:

<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			Mandatory
	GS	Functional Group Header	M	1			Mandatory

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			Mandatory
020	BIG	Beginning Segment for Invoice	M	1			Mandatory

<u>LOOP ID - N1</u>					<u>1</u>	
070	N1	Name	M	1		Mandatory
090	N3	Address Information	M	2		Mandatory
100	N4	Geographic Location	M	1		Mandatory

<u>LOOP ID - N1</u>					<u>1</u>	
070	N1	Name	M	1		Mandatory
090	N3	Address Information	M	2		Mandatory
100	N4	Geographic Location	M	1		Mandatory
130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1		Mandatory
140	DTM	Date/Time Reference	M	10		Mandatory
150	FOB	F.O.B. Related Instructions	M	1		Mandatory

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>
<u>LOOP ID - IT1</u>					<u>200000</u>		
010	IT1	Baseline Item Data (Invoice)	M	1			Mandatory
<u>LOOP ID - PID</u>					<u>1000</u>		
060	PID	Product/Item Description	M	1			Mandatory

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>
010	TDS	Total Monetary Value Summary	M	1			Mandatory
030	CAD	Carrier Detail	M	1			Mandatory
<u>LOOP ID - ISS</u>					<u>>1</u>		
060	ISS	Invoice Shipment Summary	M	1			Used

<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>
070	CTT	Transaction Totals	O	1		N3/070	Used
080	SE	Transaction Set Trailer	M	1			Mandatory

Not Defined:

<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			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

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.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Mandatory

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control 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>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Mandatory
<p>Description: Code to identify the type of information in the Authorization Information</p> <p>CodeList Summary (Total Codes: 7, Included: 1)</p> <p>Code Name</p> <p>00 No Authorization Information Present (No Meaningful Information in I02)</p>						
ISA02	I02	Authorization Information	M	AN	10/10	Mandatory
<p>Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)</p> <p>Dollar Tree Notes: Will Contain spaces</p>						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Mandatory
<p>Description: Code to identify the type of information in the Security Information</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <p>Code Name</p> <p>00 No Security Information Present (No Meaningful Information in I04)</p>						
ISA04	I04	Security Information	M	AN	10/10	Mandatory
<p>Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</p> <p>Dollar Tree Requirements: Will contain spaces</p>						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>Dollar Tree Notes: Will reflect the sender's qualifier number (2 digit qualifier)</p> <p>All valid standard codes are used. (Total Codes: 38)</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA06	I06	Interchange Sender ID	M	AN	15/15	Mandatory
		<p>Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element</p> <p>Dollar Tree Notes: Will reflect the sender's identification number</p>				
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
		<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>CodeList Summary (Total Codes: 38, Included: 1)</p> <p>Code Name ZZ Mutually Defined</p>				
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Mandatory
		<p>Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them</p> <p>Dollar Tree Requirements: DLTRIMP</p>				
ISA09	I08	Interchange Date	M	DT	6/6	Mandatory
		Description: Date of the interchange				
ISA10	I09	Interchange Time	M	TM	4/4	Mandatory
		Description: Time of the interchange				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Mandatory
		<p>Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer</p> <p>All valid standard codes are used. (Total Codes: 1)</p>				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Mandatory
		<p>Description: Code specifying the version number of the interchange control segments</p> <p>CodeList Summary (Total Codes: 14, Included: 1)</p> <p>Code Name 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997</p>				
ISA13	I12	Interchange Control Number	M	N0	9/9	Mandatory
		Description: A control number assigned by				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		the interchange sender Dollar Tree Requirements: Must be unique sequentially incrementing numbers; duplicates will be rejected.				
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) CodeList Summary (Total Codes: 2, Included: 1) Code Name 0 No Acknowledgment Requested	M	ID	1/1	Mandatory
ISA15	I14	Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information CodeList Summary (Total Codes: 3, Included: 2) Code Name P Production Data T Test Data	M	ID	1/1	Mandatory
ISA16	I15	Component Element Separator Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator Dollar Tree Notes: Use (>) as the sub-element separator. Use (*) as the element separator. Use (~) as the segment terminator.	M		1/1	Mandatory

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Mandatory

Purpose: To indicate the beginning of a functional group and to provide control 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>
GS01	479	Functional Identifier Code	M	ID	2/2	Mandatory
<p>Description: Code identifying a group of application related transaction sets</p> <p>CodeList Summary (Total Codes: 240, Included: 1)</p> <p>Code Name</p> <p>IN Invoice Information (810,819)</p>						
GS02	142	Application Sender's Code	M	AN	2/15	Mandatory
<p>Description: Code identifying party sending transmission; codes agreed to by trading partners</p> <p>Dollar Tree Requirements:</p> <p>Will reflect the sender's identification number.</p>						
GS03	124	Application Receiver's Code	M	AN	2/15	Mandatory
<p>Description: Code identifying party receiving transmission; codes agreed to by trading partners</p> <p>Dollar Tree Requirements:</p> <p>DLTRIMP</p>						
GS04	373	Date	M	DT	8/8	Mandatory
<p>Description: Date expressed as CCYYMMDD</p>						
GS05	337	Time	M	TM	4/8	Mandatory
<p>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)</p>						
GS06	28	Group Control Number	M	N0	1/9	Mandatory
<p>Description: Assigned number originated and maintained by the sender</p>						
GS07	455	Responsible Agency Code	M	ID	1/2	Mandatory
<p>Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code Name				
		X Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Mandatory
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				
		CodeList Summary (Total Codes: 39, Included: 1)				
		Code Name				
		004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

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

User Option (Usage): Mandatory

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	Mandatory
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 298, Included: 1)				
		<u>Code</u> <u>Name</u>				
		810 Invoice				
ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

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

BIG Beginning Segment for Invoice

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

User Option (Usage): Mandatory

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIG01	373	Date	M	DT	8/8	Mandatory
		Description: Date expressed as CCYYMMDD				
BIG02	76	Invoice Number	M	AN	1/22	Mandatory
		Description: Identifying number assigned by issuer				
		Dollar Tree Requirements:				
		Dollar Tree's Payable system can only handle a twelve (12) digit invoice number.				
		If you send more than twelve (12) digits the invoice will be rejected.				
		The trading partner will need to change their invoice format and resend the invoice.				
		Dollar Tree Notes: Maximum size is twelve (12); if your invoice number contains letters they MUST be capitalized. The only special character allowed is a hyphen (-).				
		One invoice number per purchase order. DO NOT combine multiple invoices, if a purchase order must be split we should receive multiple unique invoice numbers.				
		Do not recycle your invoice numbers as they will error out of our system as duplicates.				
BIG03	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
BIG04	324	Purchase Order Number	M	AN	1/22	Mandatory
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		Dollar Tree Requirements:				
		This needs to match what was sent on the EDI purchase order. If you manually enter the purchase order, remember Dollar Tree's purchase order number is a 16 digits Purchase Order number (11 Digit + 5 digit				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		location).				
		Dollar Tree's purchase order number DOES NOT contain a HYPHEN (-).				
		If you must split a purchase order among several trucks and your system requires the purchase order number to be unique, place any sequence number in position in position 17. (i.e. XXXXXXXXXXXXXXXXXXXXA, XXXXXXXXXXXXXXXXXXXXB)				

Semantics:

1. BIG01 is the invoice issue date.
2. BIG03 is the date assigned by the purchaser to purchase order.
3. BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments:

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

N1 Name

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

User Option (Usage): Mandatory

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

Dollar Tree Requirements:

Both ST and RI repetitions 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>
N101	98	Entity Identifier Code	M	ID	2/3	Mandatory
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 1)						
Code Name						
ST Ship To						
N102	93	Name	M	AN	1/60	Mandatory
Description: Free-form name						
N103	66	Identification Code Qualifier	M	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
Code Name						
92 Assigned by Buyer or Buyer's Agent						
N104	67	Identification Code	X	AN	2/80	Used
Description: Code identifying a party or other code						
Dollar Tree Requirements:						
The five (5) digit DC Location Number (99001 - 99010) or five (5) digit Store Location number.						

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.

N3 Address Information

Pos: 090	Max: 2
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Mandatory

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	Mandatory
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 100	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

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	M	AN	2/30	Mandatory
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	AN	3/15	Mandatory
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		Dollar Tree Requirements: Canadian zip codes can not contain punctuation or spaces.				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

N1 Name

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

User Option (Usage): Mandatory

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

Dollar Tree Requirements:

Both ST and RI repetitions 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>
N101	98	Entity Identifier Code	M	ID	2/3	Mandatory
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1312, Included: 1)				
		<u>Code</u> <u>Name</u>				
		RI Remit To				
N102	93	Name	X	AN	1/60	Mandatory
		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.

N3 Address Information

Pos: 090	Max: 2
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Mandatory

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	Mandatory
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 100	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

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	M	AN	2/30	Mandatory
		Description: Free-form text for city name				
N402	156	State or Province Code	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	AN	3/15	Mandatory
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		Dollar Tree Requirements: Canadian zip codes can not contain punctuation or spaces.				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Mandatory
Purpose: To specify terms of sale

Dollar Tree Requirements:

The ITD01, ITD02, ITD06, ITD07 and ITD12 are mandatory.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code	M	ID	2/2	Mandatory
		Description: Code identifying type of payment terms				
		CodeList Summary (Total Codes: 65, Included: 1)				
		Code	Name			
		01	Basic			
ITD02	333	Terms Basis Date Code	M	ID	1/2	Mandatory
		Description: Code identifying the beginning of the terms period				
		CodeList Summary (Total Codes: 17, Included: 1)				
		Code	Name			
		3	Invoice Date			
ITD06	446	Terms Net Due Date	M	DT	8/8	Mandatory
		Description: Date when total invoice amount becomes due expressed in format CCYYMMDD				
ITD07	386	Terms Net Days	M	N0	1/3	Mandatory
		Description: Number of days until total invoice amount is due (discount not applicable)				
ITD12	352	Description	M	AN	1/80	Mandatory
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantics:

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

1. 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.

DTM Date/Time Reference

Pos: 140	Max: 10
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Mandatory

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

CodeList Summary (Total Codes: 1112, Included: 1)

Code Name

011 Shipped

Dollar Tree Notes:

This is the only qualifier that will be accepted.

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

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.

FOB F.O.B. Related Instructions

Pos: 150	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Mandatory

Purpose: To specify transportation instructions relating to shipment

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>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Mandatory
<p>Description: Code identifying payment terms for transportation charges</p> <p>CodeList Summary (Total Codes: 28, Included: 2)</p> <p>Code Name</p> <p>CC Collect</p> <p>PP Prepaid (by Seller)</p>						
FOB02	309	Location Qualifier	X	ID	1/2	Used
<p>Description: Code identifying type of location</p> <p>CodeList Summary (Total Codes: 172, Included: 3)</p> <p>Code Name</p> <p>CA Country of Origin</p> <p>OR Origin (Shipping Point)</p> <p>ZZ Mutually Defined</p>						
FOB03	352	Description	O	AN	1/80	Used
<p>Description: A free-form description to clarify the related data elements and their content</p> <p>Dollar Tree Requirements:</p> <p>Shipment Origin</p>						

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

IT1 Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Mandatory	
Loop: IT1	Elements: 8

User Option (Usage): Mandatory

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

Dollar Tree Requirements:

Must send both the UPC number and DTS SKU number for each line item.

Dollar Tree Notes:

"EA" is the only code that can be used to identify the quantity shipped.

"SK" is the only code that can be used to identify the DTS SKU number.

If IT103 = 'EA' then IT108 = 'UP'

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT101	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
IT102	358	Quantity Invoiced	M	R	1/10	Mandatory
		Description: Number of units invoiced (supplier units)				
		Dollar Tree Notes: This quantities needs to be sent as each (pieces).				
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2	Mandatory
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 794, Included: 1)				
		Code Name				
		EA Each				
IT104	212	Unit Price	M	R	1/17	Mandatory
		Description: Price per unit of product, service, commodity, etc.				
		Dollar Tree Notes:				
		Dollar Tree only captures the first three decimal places. (i.e. .999)				
IT106	235	Product/Service ID Qualifier	X	ID	2/2	Mandatory
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 477, Included: 1)				

Code Name

SK Stock Keeping Unit (SKU)

Dollar Tree Requirements:

DTS SKU Number

IT107 234 **Product/Service ID** X AN 1/48 Mandatory

Description: Identifying number for a product or service

IT108 235 **Product/Service ID Qualifier** X ID 2/2 Mandatory

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

CodeList Summary (Total Codes: 477, Included: 2)

Code Name

UA U.P.C./EAN Case Code (2-5-5)

Dollar Tree Notes:

If IT103 = 'CA' then 'UA' must be sent.

UP U.P.C. Consumer Package Code (1-5-5-1)

Dollar Tree Notes:

If IT103 = 'EA' then 'UP' must be sent.

IT109 234 **Product/Service ID** X AN 1/48 Mandatory

Description: Identifying number for a product or service

Syntax Rules:

1. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.
4. P1011 - If either IT110 or IT111 is present, then the other is required.
5. P1213 - If either IT112 or IT113 is present, then the other is required.
6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

Semantics:

1. IT101 is the purchase order line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

PID Product/Item Description

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

User Option (Usage): Mandatory

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Mandatory
Description: Code indicating the format of a description						
CodeList Summary (Total Codes: 3, Included: 1)						
Code Name						
F Free-form						
PID05	352	Description	M	AN	1/80	Mandatory
Description: A free-form description to clarify the related data elements and their content						

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

TDS Total Monetary Value Summary

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

User Option (Usage): Mandatory

Purpose: To specify the total invoice discounts and amounts

Dollar Tree Requirements:

Dollar Tree does **NOT** accept zero invoices!

The TDS01 and TDS03 are mandatory

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS01	610	Amount	M	N2	1/15	Mandatory
Description: Monetary amount						
Dollar Tree Requirements:						
Invoice Total (Net Amount) = [Quantity (IT102) * Unit Price (IT104)] + Charges (SAC01 = C) - Allowances (SAC01 = A).						
TDS02	610	Amount	O	N2	1/15	Used
Description: Monetary amount						
Dollar Tree Requirements:						
Invoice Total (Gross Amount) = Quantity (IT102) * Unit Price (IT104)						
TDS03	610	Amount	M	N2	1/15	Mandatory
Description: Monetary amount						
Dollar Tree Requirements:						
The amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).						
TDS04	610	Amount	O	N2	1/15	Used
Description: Monetary amount						
Dollar Tree Requirements:						
This is the dollar amount allowed to be deducted if paid within the vendor's terms .						
Example: 2%30 days on a \$100.00 invoice would be \$20.00.						
This must be a positive number and match the ITD08.						

Semantics:

1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).TDS02 indicates the amount upon which the terms discount amount is calculated.TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount). TDS04 indicates the total amount of terms discount.

Comments:

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

CAD Carrier Detail

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Mandatory

Purpose: To specify transportation details for the transaction

Dollar Tree Requirements:

This segment is Mandatory the following must be sent : 07 and 08.

Code 'FN' is the **ONLY** code allowed in CAD07.

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>
CAD01	91	Transportation Method/Type Code	O	ID	1/2	Used
		Description: Code specifying the method or type of transportation for the shipment				
		CodeList Summary (Total Codes: 71, Included: 1)				
		Code Name				
		ZZ Mutually defined				
CAD04	140	Standard Carrier Alpha Code	X	ID	2/4	Used
		Description: Standard Carrier Alpha Code				
CAD05	387	Routing	X	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
		Dollar Tree Notes: Freight Forwarders Name				
CAD06	368	Shipment/Order Status Code	O	ID	2/2	Used
		Description: Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction				
		CodeList Summary (Total Codes: 102, Included: 3)				
		Code Name				
		CL Complete				
		Description: Material on the load is for one producer				
		PR Partial Shipment				
		ZZ Mutually Defined				
CAD07	128	Reference Identification Qualifier	O	ID	2/3	Mandatory
		Description: Code qualifying the Reference Identification				
		CodeList Summary (Total Codes: 1503, Included: 1)				
		Code Name				
		FN Forwarder's/Agent's Reference Number				

CAD08	127	Reference Identification	X	AN	1/30	Mandatory
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Dollar Tree Notes: Must contain a valid FCR Number in order for the invoice to be processed successfully for payment.

Syntax Rules:

1. R0504 - At least one of CAD05 or CAD04 is required.
2. C0708 - If CAD07 is present, then CAD08 is required.

ISS Invoice Shipment Summary

Pos: 060	Max: 1
Summary - Mandatory	
Loop: ISS	Elements: 6

User Option (Usage): Used

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume

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>
ISS01	382	Number of Units Shipped	X	R	1/10	Mandatory
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
ISS02	355	Unit or Basis for Measurement Code	X	ID	2/2	Mandatory
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		CodeList Summary (Total Codes: 794, Included: 2)				
		<u>Code</u> <u>Name</u>				
		CA Case				
		EA Each				
ISS03	81	Weight	X	R	1/10	Used
		Description: Numeric value of weight				
ISS04	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				
		CodeList Summary (Total Codes: 794, Included: 1)				
		<u>Code</u> <u>Name</u>				
		LB Pound				
ISS05	183	Volume	X	R	1/8	Used
		Description: Value of volumetric measure				
ISS06	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				
		CodeList Summary (Total Codes: 794, Included: 1)				
		<u>Code</u> <u>Name</u>				
		CF Cubic Feet				

Syntax Rules:

1. R010305 - At least one of ISS01, ISS03 or ISS05 is required.
2. P0102 - If either ISS01 or ISS02 is present, then the other is required.
3. P0304 - If either ISS03 or ISS04 is present, then the other is required.

4. P0506 - If either ISS05 or ISS06 is present, then the other is required.

Semantics:

1. ISS07 is the quantity of third party pallets.
2. ISS08 is the gross weight of third party pallets in pounds.

CTT Transaction Totals

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

Description: Total number of line items 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: 080	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory

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

Comments:

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

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory

Purpose: To indicate the end of a functional group and to provide control 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>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Mandatory
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	Group Control Number	M	N0	1/9	Mandatory
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control 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>
IEA01	116	Number of Included Functional Groups	M	N0	1/5	Mandatory
		Description: A count of the number of functional groups included in an interchange				
IEA02	112	Interchange Control Number	M	N0	9/9	Mandatory
		Description: A control number assigned by the interchange sender				