

Zappos EDI Guideline

ANSI X12 - 004010 850 Purchase Order

Version: 1.0

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Electronic Data Interchange

850 – Purchase Order

(Outbound from Zappos, X12 4010)
July 2011

Last updated: Date: 2022-10-20

Purpose

This document will provide Zappos Trading Partners with detailed guidelines and conventions for implementing electronic purchase orders with Zappos.

These guidelines should be used in conjunction with published ASC X12 standards for EDI version 4010. This will ensure the correct use for all data elements and segments.

Contacts

EDI Team zappos-edi@amazon.com

Communication IDs

S/R ID: ZZ/ZAPPOSKY
Account/User ID: VANS/HAMAIL

Delimiters

Element Separator

"*" (HEX "2A" in ASCII, HEX "5C" in EBCDIC)

Component (Sub Element) Separator

> (HEX "3E" in ASCII, HEX "6E" in EBCDIC)

Segment Terminator

\n (HEX "0A" in ASCII, HEX "15" in EBCDIC)

Table of Contents

850 Purchase Order	1
ISA Interchange Control Header	3
GS Functional Group Header	5
ST Transaction Set Header	7
BEG Beginning Segment for Purchase Order	8
REF Reference Identification	9
SAC Loop SAC	10
SAC Service, Promotion, Allowance, or Charge Information	11
ITD Terms of Sale/Deferred Terms of Sale	13
DTM Date/Time Reference	14
N1 Loop N1	15
N1 Name	16
N2 Additional Name Information	18
N3 Address Information	19
N4 Geographic Location	20
PO1 Loop PO1	21
PO1 Baseline Item Data	22
PID Loop PID	25
PID Product/Item Description	26
CTT Loop CTT	27
CTT Transaction Totals	28
SE Transaction Set Trailer	29
GE Functional Group Trailer	30
IEA Interchange Control Trailer	31

Recent Change History:**12/09/2025**

Updated Ship-To information: added address location.

N1*ST* Zappos.com LLC*92*0040
N2*c/o Amazon Services INC
N3*6251 Pioneer Trail NW
N4*Los Lunas*NM*87031*US

N1*ST* Zappos.com LLC*92*0041
N2*c/o Amazon Services INC
N3*6120 Clinker Drive
N4* Jurupa Valley*CA*92509*US

N1*ST* Zappos.com LLC*92*0042
N2*c/o Amazon Services INC
N3*1250 Cassville White Road
N4* White*GA*30184*US

N1*ST* Zappos.com LLC*92*0043
N2*c/o Amazon Services INC
N3*650 Boulder Drive
N4* Breinigsville*PA*18031*US

11/11/2025

Updated Ship-To information: added address location.

N1*ST* Zappos.com LLC Photo Studio*92*0018
N2* c/o Zappos.com Studio
N3*101 S. Baldwin Street
N4*Madison*WI*53703*US

Change History Continued:

9/26/2025

Updated Ship-To information: added two address location.

*N1*ST*Zappos.com LLC*92*0038
N2*c/o Amazon Services INC
N3*1351 S. Road 40 E
N4*Pasco*WA*99301*US*

*N1*ST*Zappos.com LLC*92*0039
N2*c/o Amazon Services INC
N3*9850 Mississippi Street
N4*Crown Point*IN*46307*US*

Removed addresses not in use

5/21/2025

Updated Zappos EDI team contact to zappos-edi@amazon.com

850

Purchase Order

Functional Group=PO

This Standard contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

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			Must use
	GS	Functional Group Header	M	1			Must use

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			Used
020	BEG	Beginning Segment for Purchase Order	M	1			Must use
050	REF	Reference Identification	O	4			Must use
LOOP ID - SAC							
120	SAC	Service, Promotion, Allowance, or Charge Information	M	1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	1			Used
150	DTM	Date/Time Reference	O	3			Must use
LOOP ID - N1							
310	N1	Name	M	1			Must use
320	N2	Additional Name Information	O	1			Used
330	N3	Address Information	O	1			Used
340	N4	Geographic Location	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	PO1	Baseline Item Data	M	1		N2/010	Must use
050	PID	Product/Item Description	M	1			Must use

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							
010	CTT	Transaction Totals	M	1		N3/010	Must use
030	SE	Transaction Set Trailer	M	1			Used

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			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

2/010L PO102 is required.

2/010 PO102 is required.

3/010L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/010 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

ISA Interchange Control Header

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

User Option (Usage): Must use

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	Must use				
<p>Description: Code to identify the type of information in the Authorization Information</p> <p>All valid standard codes are used.</p>										
ISA02	I02	Authorization Information	M	AN	10/10	Must use				
<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>										
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use				
<p>Description: Code to identify the type of information in the Security Information</p> <p>All valid standard codes are used.</p>										
ISA04	I04	Security Information	M	AN	10/10	Must use				
<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>										
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>All valid standard codes are used.</p>										
<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>ZZ</td> <td>Mutually Defined</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	ZZ	Mutually Defined
<u>Code</u>	<u>Name</u>									
ZZ	Mutually Defined									
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use				
<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>										
<table border="1"> <tr> <td>External Information: This field will be the Zappos EDI sender ID</td> </tr> <tr> <td>Formatting Notes: ZAPPOSKY</td> </tr> </table>							External Information: This field will be the Zappos EDI sender ID	Formatting Notes: ZAPPOSKY		
External Information: This field will be the Zappos EDI sender ID										
Formatting Notes: ZAPPOSKY										
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>All valid standard codes are used.</p>										
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use				
<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>										
<table border="1"> <tr> <td>External Information: This field will be the recipients EDI ID</td> </tr> </table>							External Information: This field will be the recipients EDI ID			
External Information: This field will be the recipients EDI ID										

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA09	I08	Interchange Date Description: Date of the interchange External Information: This field will be the date the EDI message was created Formatting Notes: YYMMDD	M	DT	6/6	Must use
ISA10	I09	Interchange Time Description: Time of the interchange Formatting Notes: HHMM	M	TM	4/4	Must use
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer All valid standard codes are used.	M	ID	1/1	Must use
ISA12	I11	Interchange Control Version Number Description: Code specifying the version number of the interchange control segments All valid standard codes are used.	M	ID	5/5	Must use
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender External Information: This field will be a unique control number representing the ISA - IEA transaction	M	NO	9/9	Must use
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) All valid standard codes are used.	M	ID	1/1	Must use
ISA15	I14	Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information All valid standard codes are used.	M	ID	1/1	Must use
		Code Data Type P Production T Test				
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	M		1/1	Must use

Sample Data::

ISA*00* *00* *ZZ*ZAPPOSKY *ZZ*VENDOR *070731*0832*U*00400*000000112*0*P*>

GS Functional Group Header

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

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
<p>Description: Code identifying a group of application related transaction sets</p> <p>Code Name</p> <p>PO Purchase Order (850)</p>						
<p>GS02 142 Application Sender's Code</p> <p>Description: Code identifying party sending transmission; codes agreed to by trading partners</p>						
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
<p>Description: Code identifying party receiving transmission; codes agreed to by trading partners</p>						
GS04	373	Date	M	DT	8/8	Must use
<p>Formatting Notes: Date expressed as CCYYMMDD</p> <p>External Information: This field will be the date that the EDI was created</p>						
GS05	337	Time	M	TM	4/8	Must use
<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	Must use
<p>Description: Assigned number originated and maintained by the sender</p> <p>External Information: This field will be a unique control number representing the GS - GE transaction</p>						
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
<p>Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480</p> <p>All valid standard codes are used.</p>						
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
<p>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</p>						

Code Name

004010 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.

Sample Data::

GS*PC*ZAPPOSKY*VENDOR*20111001*1400*367*X*004010

ST Transaction Set Header

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

User Option (Usage): Used

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	M	ID	3/3	Used
Description: Code uniquely identifying a Transaction Set						
Code Name						
	850	Purchase Order				
ST02	329	Transaction Set Control Number	M	AN	4/9	Used
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
External Information: <i>This field will be a unique control number representing the ST - SE transaction</i>						

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).

Sample Data::

ST*850*0001

BEG Beginning Segment for Purchase Order

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		Code Name				
		00 Original				
BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
		Description: Code specifying the type of Purchase Order				
		Code Name				
		BK Blanket Order (Quantity Firm)				
		RL Release or Delivery Order				
		SA Stand-alone Order - Warehouse Shipment				
BEG03	324	Purchase Order Number	M	NO	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		External Information: This field will contain the Zappos PO number for this order				
		User Note 1: This PO number can contain up to twenty-two (22) alpha and numeric characters. The entire alpha numeric PO number is required to be in <u>scannable and human-readable</u> format on the GS1-128 shipping label.				
BEG05	373	Purchase Order Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
		External Information: This field will be the PO date				

Semantics:

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

Sample Data::

BEG*00*SA*EZAGYQ7654321**20110730

REF Reference Identification

Pos: 050	Max: 4
Heading – Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code Name

VR	Vendor ID Number
PRT	Product Type

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

User Note 1: Where REF01 = "PRT", This is a Zappos provided value that uniquely identifies each Product Type as defined by Zappos. Valid codes are:

FW - Footwear
 AP - Apparel
 AC - Accessories
 EL - Electronics
 HW - Housewares
 PC - Personal Care
 BL - Bags or Luggage
 EY - Eyewear
 JE - Jewelry
 HO - Hosiery
 HA - Hats
 BE - Beauty
 CL - Clothing
 PG - Pet Gear
 BS - Baby Shop

The Product Type is used of reference on the Shipping Label. An optional, corresponding REF*PRT segment can be used on the 856 Advanced Shipment Notice by suppliers need to source information from the shipment notice to the shipping label.

User Note 2: Where REF01 = "VR", Vendor ID Number - used to uniquely identify individual brands in the Zappos system. This number is assigned by Zappos.

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.
- 2.

Semantics:

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

Sample Data::

REF*PRT*AP
 REF*VR*4321

Loop SAC

Pos: 120	Repeat: 10
Loop: SAC	Optional Elements: NA

User Option (Usage): Used

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

Loop Summary:

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

SAC Service, Promotion, Allowance, or Charge Information

Pos: 120 Max: 1
Heading – Mandatory
Loop: SAC Elements: 10

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
Description: Code which indicates an allowance or charge for the service specified						
Code Name						
		A Allowance				
		C Charge				
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Must use
Description: Code identifying the service, promotion, allowance, or charge						
Code Name						
		C310 Discount				
		D500 Handling				
SAC05	610	Amount	O	N2	1/15	Must use
Description: Monetary amount						
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
Description: Code indicating on what basis allowance or charge percent is calculated						
Code Name						
		1 Item List Cost				
		2 Item Net Cost				
		3 Discount/Gross				
		4 Discount/Net				
		5 Base Price per Unit				
		6 Base Price Amount				
SAC07	332	Percent	X	R	1/6	Used
Description: Percent expressed as a percent						
SAC08	118	Rate	O	R	1/9	Used
Description: Rate expressed in the standard monetary denomination for the currency specified						
SAC09	355	Unit or Basis for Measurement Code	X	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
Code Name						
		EA Each				
SAC10	380	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
SAC13	127	Reference Identification	X	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
SAC15	352	Description	X	AN	1/80	Used
Description: A free-form description to clarify the related data elements and their content						

Syntax Rules:

1. C1110 - If SAC11 is present, then SAC10 is required.
2. C1413 - If SAC14 is present, then SAC13 is required.
3. C1615 - If SAC16 is present, then SAC15 is required.
4. P0304 - If either SAC03 or SAC04 is present, then the other is required.
5. P0607 - If either SAC06 or SAC07 is present, then the other is required.
6. P0910 - If either SAC09 or SAC10 is present, then the other is required.
7. R0203 - At least one of SAC02 or SAC03 is required.
8. 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 a service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

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

Note:

Discounts are taken off the line item price.

ITD Terms of Sale/Deferred Terms of Sale

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

User Option (Usage): Used

To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD01	336	Terms Type Code	O	ID	2/2	Used
Description: Code identifying type of payment terms						
Code Name						
	14	Previously agreed upon				
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
Description: Code identifying the beginning of the terms period						
Code Name						
	3	Invoice Date				
ITD03	338	Terms Discount Percent	X	R	1/6	Used
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						
ITD05	351	Terms Discount Days Due	X	N0	1/3	Dependent
Description: Number of days in the terms discount period by which payment is due if terms discount is earned						
ITD07	386	Terms Net Days	O	N0	1/3	Used
Description: Number of days until total invoice amount is due (discount not applicable)						
ITD12	352	Description	O	AN	1/80	Used
Description: A free-form description to clarify the related data elements and their content						

Syntax Rules:

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

Sample Data::

ITD*14*3*****60*****NET

DTM Date/Time Reference

Pos: 150	Max: 3
Heading – Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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	Must use

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

Code Name

001	Cancel After
010	Requested Ship

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

Syntax Rules:

1. C0403 - If DTM04 is present, then DTM03 is required.
2. P0506 - If either DTM05 or DTM06 is present, then the other is required.
3. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

Segment Use:

- 1) *Cancel After Date: The latest date that Zappos expects the shipment to be delivered to the Zappos fulfillment center listed on the purchase order.*
- 2) *Requested Ship Date: The earliest date that Zappos expects the shipment to be delivered to the Zappos fulfillment center listed on the purchase order.*

Sample Data::

DTM*001*20111025

DTM*010*20110916

Loop N1

Pos: 310	Repeat: 2
Loop: N1	Mandatory Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
310	N1	Name	M	1		Must use
320	N2	Additional Name Information	O	1		Used
330	N3	Address Information	O	1		Used
340	N4	Geographic Location	O	1		Used

N1 Name

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
Code Name						
		ST Ship To				
N102	93	Name	X	AN	1/60	Must use
Description: Free-form name						
N103	66	Identification Code Qualifier	X	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
Code Name						
		92 Assigned by Buyer or Buyer's Agent				
N104	67	Identification Code	X	AN	2/80	Used
External Information: This field will be a code that represents the ship to location.						

User Note 1: The complete address information must be printed on the Shipping Label.

When N104 is 0001:
 Zappos.com LLC
 c/o Amazon.com KYDC LLC
 376 Zappos.com Blvd
 FTZ 029, Site 6
 Shepherdsville, KY 40165 USA

When N104 is 0003:
 Zappos.com LLC
 c/o Amazon.com INDC LLC
 900 Patrol Rd
 Jeffersonville, IN 47130 USA

When N104 is 0006:
 Zappos.com LLC
 c/o Amazon.com INDC LLC
 715 Airtech Parkway
 Plainfield, IN 46168 USA

When N104 is 0008:
 Zappos.com LLC
 c/o Amazon.com INDC LLC
 24208 San Michele Road
 Moreno Valley, CA 92551 USA

When N104 is 0015:

Zappos.com LLC
c/o ZAP2
9101 Minor Lane
Louisville, KY 40219 USA

When N104 is 0018:

Zappos.com LLC Photo Studio
c/o Zappos.com Studio
101 S. Baldwin Street
Madison, WI, 53703 USA

When N104 is 0024:

Zappos.com LLC
c/o Amazon.com PADC LLC
705 Boulder Drive
Breinigsville, PA 18031 USA

When N104 is 0025:

Zappos.com LLC
c/o Amazon.com AZDC LLC
6835 West Buckeye Road
Phoenix, AZ 85043 USA

When N104 is 0038:

Zappos.com LLC
c/o Amazon.com INDC LLC
1351 S. Road 40 E
Pasco, WA 99301 USA

When N104 is 0039:

Zappos.com LLC
c/o Amazon.com INDC LLC
9850 Mississippi Street
Crown Point, IN 46307 USA

When N104 is 0040:

Zappos.com LLC
c/o Amazon.com NMDC LLC
6251 Pioneer Trail NW
Los Lunas, NM 87031 USA

When N104 is 0041:

Zappos.com LLC
c/o Amazon.com CADC LLC
6120 Clinker Drive
Jurupa Valley, CA 92509 USA

When N104 is 0042:

Zappos.com LLC
c/o Amazon.com GADC LLC
1250 Cassville White Road
White, GA 30184 USA

When N104 is 0043:

Zappos.com LLC
c/o Amazon.com PADC LLC
650 Boulder Drive
Breinigsville, PA 18031 USA

Description: Code identifying a party or other code

Syntax Rules:

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

Sample Data::

*N1*ST*ZAPPOS.com LLC.*92*0001*

N2 Additional Name Information

Pos: 320	Max: 1
Heading - Optional	
Loop: N1	Elements: 1

User Option (Usage): Used

To specify additional names or those longer than 35 characters in length

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name	M	AN	1/35	Used

Description: Free-form name

Sample Data::

N2*C/O AMAZON.COM KYDC LLC

N3 Address Information

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

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

Sample Data::

N3*376 ZAPPOS.COM BLVD

N3*FTZ 029, SITE 6

N4 Geographic Location

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

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	M	AN	2/30	Must use
Description: Free-form text for city name						
N402	156	State or Province Code	M	ID	2/2	Must use
Description: Code (Standard State/Province) as defined by appropriate government agency						
N403	116	Postal Code	M	ID	3/15	Must use
Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)						
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.

Sample Data::

N4*SHEPHERDSVILLE*KY*40165*US

Loop PO1

Pos: 010	Repeat: 100000
Mandatory	
Loop: PO1	Elements: N/A

User Option (Usage): Must use

To specify basic and most frequently used line item data

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	PO1	Baseline Item Data	M	1		Must use
050		Loop PID	O		3	Must use

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 15

User Option (Usage): Must use

To specify basic and most frequently used line item data

User Note 1:

ITEMS MUST BE SHIPPED AS ORDERED...NO ITEM SUBSTITUTIONS ALLOWED.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	Assigned Identification	O	AN	1/20	Must use
Description: Alphanumeric characters assigned for differentiation within a transaction set						
PO102	330	Quantity Ordered	X	R	1/48	Must use
External Information: This field will be the quantity of this item ordered						
PO103	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
Code Name						
EA Each						
PO104	212	Unit Price	X	R	1/17	Used
Description: Price per unit of product, service, commodity, etc.						
PO105	639	Basis of Unit Price Code	X	ID	2/2	Used
Description: Code identifying the type of unit price for an item						
Code Name						
WE Wholesale Price per Each						
PO106	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name						
PI Purchaser's Item Code						
PO107	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
PO108	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Code Name						
VA Vendor's Style Number						

PO109	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
PO110	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<u>Code</u> <u>Name</u>						
VE Vendor Color						
PO111	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
PO112	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<u>Code</u> <u>Name</u>						
IZ Buyer's Size Code						
PO113	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
PO114	235	Product/Service ID Qualifier	X	ID	2/2	Must use
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
<i>User Note 1: Either "UP" or "EN" product will be sent, and must be returned on returning documents.</i>						
<u>Code</u> <u>Name</u>						
EN European Article Number (EAN) (2-5-5-1)						
UP U.P.C. Consumer Package Code (1-5-5-1)						
PO115	234	Product/Service ID	X	AN	12/13	Must use
Description: Identifying number for a product or service						

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. P0101 is the line item identification.
3. P0106 through P0125 provides for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Sample Data::

PO1*1*6*EA*18.90*WE*PI*ZZZ-49876543*VA*7607*VE*WHITE*IZ*SMALL*UP*801234567891

Loop PID

Pos: 010	Repeat: 3
Optional	
Loop: PID	Elements: NA

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	PID	Product/Item Description	M	1		Must use

PID Product/Item Description

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

User Option (Usage): Must use

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

User Note 1:

*PID segment where PID02 = "91" (Buyer's Item Size Description) will always be sent.
 PID segment where PID02 = "08" (Product Description) may be sent.*

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type	M	ID	1/1	Must use
Description: Code indicating the format of a description						
Code Name						
	F	Free-form				
PID02	750	Product/Process Characteristic Code	O	ID	2/3	Used
Description: Code identifying the general class of a product or process characteristic						
Code Name						
	08	Product				
	91	Buyer's Item Size Description				
PID05	352	Description	X	AN	1/80	Must use
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. C0703 - If PID07 is present, then PID03 is required.
3. C0804 - If PID08 is present, then PID04 is required.
4. C0905 - If PID09 is present, then PID05 is required.
5. R0405 - At least one of PID04 or 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.

Sample Data::

PID*F*91***DEFAULT

Loop CTT

Pos: 010	Repeat: 1
Optional	
Loop: CTT	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	CTT	Transaction Totals	M	1		Must use

CTT Transaction Totals

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

User Option (Usage): Must use

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	Number of Line Items	M	N0	1/6	Must use

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.

Sample Data::

CTT*91

SE Transaction Set Trailer

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

User Option (Usage): Used

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	M	N0	1/10	Used
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	Used
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.

Sample Data::

SE*126*0001

GE Functional Group Trailer

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

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
<p>Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element</p>						
GE02	28	Group Control Number	M	N0	1/9	Must use
<p>Description: Assigned number originated and maintained by the sender</p>						

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.

Sample Data::

GE*1*200001

IEA Interchange Control Trailer

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

User Option (Usage): Must use

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	I16	Number of Included Functional Groups	M	N0	1/5	Must use
Description: A count of the number of functional groups included in an interchange						
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
Description: A control number assigned by the interchange sender						

Sample Data::

IEA*1*000200001