

Zappos EDI Guideline

X12/V4010/860: 860 Purchase Order Change Request - Buyer Initiated

Version: 1.0

Author:	Zappos
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Electronic Data Interchange

860 – Purchase Order Change Request

(Outbound from Zappos, X12 4010)
July 2011

Last updated: *Date: 2014-01-15*

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.

Business Rules

An 860 will be sent by Zappos if we make a change to a ship window, terms, or a line item change.

An 860 will be sent by Zappos if we receive an 855 from a vendor that includes a change from a vendor.

An 860 will not be sent in response to an 855 that contains no change requests.

Contacts

EDI Team
edi@zappos.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)

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860 Purchase Order Change Request - Buyer Initiated

Functional Group=**PC**

This Standard contains the format and establishes the data contents of the Purchase Order Change Request - Buyer Initiated Transaction Set (860) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide the information required for the customary and established business and industry practice relative to a purchase order change. This transaction can be used: (1) by a buyer to request a change to a previously submitted purchase order or (2) by a buyer to confirm acceptance of a purchase order change initiated by the seller or by mutual agreement of the two parties.

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			Must use
020	BCH	Beginning Segment for Purchase Order Change	M	1			Must use
050	REF	Reference Identification	O	1			Used
LOOP ID - SAC					2		
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	1			Used
150	DTM	Date/Time Reference	O	2			Used
LOOP ID - N1					1		
300	N1	Name	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - POC					≥1		
010	POC	Line Item Change	O	1			Used
LOOP ID - PID					2		
050	PID	Product/Item Description	O	1			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - CTT					1	N3/010L	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

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:

- 3/010L Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.
- 3/010 Number of line items (CTT01) is the accumulation of the number of POC segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (POC03) for each POC segment.

Change History:**01/15/2014**

Updated Ship-To information: added two address locations.

*N1*ST*Zappos Merchandising, Inc.*92*0005*

*N2*c/o Amazon.com KYDC LLC*

*N3*4360 Robards Lane*

*N4*Louisville*KY*40218*USA*

*N1*ST*Zappos Merchandising, Inc.*92*0006*

*N2*c/o Amazon.com INDC LLC*

*N3*715 Airtech Parkway*

*N4*Plainfield*IN*46168*USA*

10/16/2013

Updated address examples. The complete address information will be sent as noted below. NOTE – This complete address information must be printed on the Shipping Label.

*N1*ST*Zappos Merchandising, Inc.*92*0001*

*N2*c/o Amazon.com KYDC LLC*

*N3*376 Zappos.com Blvd*

*N3*FTZ 029, Site 6*

*N4*Shepherdsville*KY*40165*USA*

*N1*ST*Zappos Merchandising, Inc.*92*0002*

*N2*c/o Amazon.com KYDC LLC*

*N3*271 Omega Pkwy*

*N4*Shepherdsville*KY*40165*USA*

*N1*ST*Zappos Merchandising, Inc.*92*0003*

*N2*c/o Amazon.com INDC LLC*

*N3*900 Patrol Rd*

*N4*Jeffersonville*IN*47130*USA*

*N1*ST*Zappos Merchandising, Inc.*92*0004*

*N2*c/o Amazon.com INDC LLC*

*N3*800 Perry Rd*

*N4*Plainfield*IN*46168*USA*

02/25/2013

Added codes "AI" and "CA" for POC02. (Code specifying the type of change to the line item.)

Code Name

DI	Delete Item(s)
AI	Add Item(s)
PC	Price Change
QD	Quantity Decrease
QI	Quantity Increase
CA	UPC Correction

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

Description: Code to identify the type of information in the Authorization Information
All valid standard codes are used.

ISA02	I02	Authorization Information	M	AN	10/10	Must use
-------	-----	----------------------------------	---	----	-------	----------

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)

ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
-------	-----	---------------------------------------	---	----	-----	----------

Description: Code to identify the type of information in the Security Information
All valid standard codes are used.

ISA04	I04	Security Information	M	AN	10/10	Must use
-------	-----	-----------------------------	---	----	-------	----------

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)

ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
-------	-----	---------------------------------	---	----	-----	----------

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

All valid standard codes are used.

<u>Code</u>	<u>Name</u>
ZZ	Mutually Defined

ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
-------	-----	------------------------------	---	----	-------	----------

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

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
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Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

All valid standard codes are used.

ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
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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

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: <i>This field will be the date the EDI message was created</i> 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: <i>This field will be a unique control number representing the ISA - IEA transaction</i>	M	N0	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. <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Data Type</u></th> </tr> </thead> <tbody> <tr> <td>P</td> <td>Production</td> </tr> <tr> <td>T</td> <td>Test</td> </tr> </tbody> </table>	<u>Code</u>	<u>Data Type</u>	P	Production	T	Test	M	ID	1/1	Must use
<u>Code</u>	<u>Data Type</u>											
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:

<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	Must use
Description: Code identifying a group of application related transaction sets						
Code Name						
PC Purchase Order Change Request - Buyer Initiated (860)						
GS02	142	Application Sender's Code	M	AN	2/15	Must use
Description: Code identifying party sending transmission; codes agreed to by trading partners						
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	Date	M	DT	8/8	Must use
Formatting Notes: Date expressed as CCYYMMDD						
External Information: <i>This field will be the date that the EDI was created</i>						
GS05	337	Time	M	TM	4/8	Must use
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)						
GS06	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						
External Information: <i>This field will be a unique control number representing the GS - GE transaction</i>						
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
All valid standard codes are used.						
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
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						

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.

Sample Data::

*GS*PO*ZAPPOSKY*VENDOR*20070801*1400*367*X*004010*

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use
Description: Code uniquely identifying a Transaction Set						
Code Name						
860 Purchase Order Change Request - Buyer Initiated						
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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>						

Sample Data::

ST*860*0001

BCH Beginning Segment for Purchase Order Change

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

User Option (Usage): Must use

To indicate the beginning of the Purchase Order Change 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>
BCH01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
Description: Code identifying purpose of transaction set						
Code Name						
01 Cancellation						
04 Change						
BCH02	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						
BCH03	324	Purchase Order Number	M	AN	1/22	Must use
Description: Identifying number for Purchase Order assigned by the orderer/purchaser						
External Information: <i>This field will contain the Zappos PO number for this order</i>						
BCH06	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
User Note 1: <i>Purchase Order Date</i>						
BCH11	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
User Note 1: <i>Purchase Order Change Date</i>						

Semantics:

1. BCH06 is the date assigned by the purchaser to purchase order.
2. BCH09 is the seller's order number.
3. BCH10 is the date assigned by the sender to the acknowledgment.
4. BCH11 is the date of the purchase order change request.

Sample Data::

BCH*04*SA*GULAOR7654321**20110730

REF Reference Identification

Pos: 050	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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

User Note 1: Vendor ID Number – used to uniquely identify individual brands in the Zappos system. This number is assigned by Zappos.

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

Syntax Rules:

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

Semantics:

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

Sample Data::

REF*VR*4321

Loop SAC

Pos: 120	Repeat: 2
Optional	
Loop: SAC	Elements: N/A

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	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 120	Max: 1
Heading - Optional	
Loop: SAC	Elements: 9

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
		Description: Code which indicates an allowance or charge for the service specified				
		Code Name				
		A		Allowance		
		C		Charge		
SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use
		Description: Code identifying the service, promotion, allowance, or charge				
		Code Name				
		C310		Discount		
		D500		Handling		
SAC05	610	Amount	M	N2	1/15	Must use
		Description: Monetary amount				
SAC06	378	Allowance/Charge Percent Qualifier	M	ID	1/1	Must use
		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	M	R	1/6	Must use
		Description: Percent expressed as a percent				
SAC08	118	Rate	M	R	1/9	Must use
		Description: Rate expressed in the standard monetary denomination for the currency specified				
SAC09	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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				
SAC13	127	Reference Identification	M	AN	1/30	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
SAC15	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

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

Comments:

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

<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	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	O	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	NO	1/3	Used
		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	NO	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. 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.

Sample Data::

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

DTM Date/Time Reference

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

User Option (Usage): Used

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	M	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

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.

Segment Use:

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

Sample Data::

DTM*001*20111025
DTM*010*20110916

Loop N1

Pos: 310	Repeat: 2
Mandatory	
Loop: N1	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.

Description: Code identifying a party or other code

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

When N104 is 0001:

Zappos Merchandising, Inc
c/o Amazon.com KYDC LLC
376 Zappos.com Blvd
FTZ 029, Site 6
Shepherdsville, KY 40165 USA.

When N104 is 0002:

Zappos Merchandising, Inc
c/o Amazon.com KYDC LLC
271 Omega Pkwy
Shepherdsville, KY 40165 USA

When N104 is 0003:

Zappos Merchandising, Inc
c/o Amazon.com INDC LLC
900 Patrol Rd
Jeffersonville, IN 47130 USA

When N104 is 0004:

Zappos Merchandising, Inc
c/o Amazon.com INDC LLC
800 Perry Road
Plainfield, IN 46168 USA

.
When N104 is 0005:
Zappos Merchandising, Inc
c/o Amazon.com KYDC LLC
4360 Robards Lane
Louisville, KY 40218 USA

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

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 MERCHANDISING INC*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:

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

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 POC

Pos: 010	Repeat: >1
Optional	
Loop: POC	Elements: N/A

User Option (Usage): Used

To specify changes to a line item

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	POC	Line Item Change	O	1		Used
050		Loop PID	O		2	Used

POC Line Item Change

Pos: 010	Max: 1
Detail - Optional	
Loop: POC	Elements: 16

User Option (Usage): Used

To specify changes to a line item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
POC01	350	Assigned Identification	O	AN	1/20	Used
Description: Alphanumeric characters assigned for differentiation within a transaction set						
POC02	670	Change or Response Type Code	M	ID	2/2	Must use
Description: Code specifying the type of change to the line item						
Code Name						
DI Delete Item(s)						
AI Add Item(s)						
PC Price Change						
QD Quantity Decrease						
QI Quantity Increase						
CA UPC Correction						
POC03	330	Quantity Ordered	M	R	1/15	Must use
Description: Quantity ordered						
User Note 1: (Qty prior to this change)						
POC04	671	Quantity Left to Receive	M	R	1/9	Must use
Description: Quantity left to receive as qualified by the unit of measure						
User Note 1: (Qty after this change)						
POC05	C001	Composite Unit of Measure	M	Comp		Must use
Description: To identify a composite unit of measure(See Figures Appendix for examples of use)						
	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
Code Name						
EA Each						
POC06	212	Unit Price	X	R	1/17	Used
Description: Price per unit of product, service, commodity, etc.						
POC08	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						
POC09	234	Product/Service ID	X	AN	1/48	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Identifying number for a product or service				
		User Note 1: <i>Buyer's Part Number</i>				
POC10	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				
POC11	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
		User Note 1: <i>Vendor's Part Number</i>				
POC12	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				
		VE Vendor Color				
POC13	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
POC14	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				
		IZ Buyer's Size Code				
POC15	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
POC16	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: <i>Either "UP" or "EN" product will be sent, and must be returned on returning documents.</i>				
		Code Name				
		EN European Article Number (EAN) (2-5-5-1)				
		UP U.P.C. Consumer Package Code (1-5-5-1)				
POC17	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. C030405 - If POC03 is present, then POC04 and POC05 are required.
2. C0706 - If POC07 is present, then POC06 is required.
3. P0809 - If either POC08 or POC09 is present, then the other is required.

4. P1011 - If either POC10 or POC11 is present, then the other is required.
5. P1213 - If either POC12 or POC13 is present, then the other is required.
6. P1415 - If either POC14 or POC15 is present, then the other is required.
7. P1617 - If either POC16 or POC17 is present, then the other is required.
8. P1819 - If either POC18 or POC19 is present, then the other is required.
9. P2021 - If either POC20 or POC21 is present, then the other is required.
10. P2223 - If either POC22 or POC23 is present, then the other is required.
11. P2425 - If either POC24 or POC25 is present, then the other is required.
12. P2627 - If either POC26 or POC27 is present, then the other is required.

Semantics:

1. POC01 is the purchase order line item identification.

User Note 1:

The POC should be sent for an item only if it is being changed or deleted. If there are no changes to an item, simply do not send the POC for that item.

Sample Data::

*POC*1*PC*6*2*EA*18.90*WE*PI*ZZZ-49876543*VA*7607*VE*WHITE*IZ*SMALL*UP*801234567891*

Loop PID

Pos: 050	Repeat: 2
Optional	
Loop: PID	Elements: N/A

User Option (Usage): Used

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	O	1		Used

PID Product/Item Description

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

User Option (Usage): Used

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	M	ID	2/3	Must use
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	M	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. 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.

Sample Data::

PID*F*91***DEFAULT

Loop CTT

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

User Option (Usage): Used

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	O	1		Used

CTT Transaction Totals

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

User Option (Usage): Used

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	NO	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): Must use

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	NO	1/10	Must use
Description: Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
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:

<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	Must use
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	Must use
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.

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