Zappos EDI Guideline

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

Version: 1.0

Author:	**Zappos**
Created:	**07/06/2011**
Last updated:	**12/09/2025**

Electronic Data Interchange

860 – Purchase Order Change Request

(Outbound from Zappos, X12 4010)
July 2011

Last updated: *Date: 2019-02-27*

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
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)

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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:

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

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	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:

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*

09/26/2025:

Updated Ship-To information: added two address locations.

   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

10/18/2021:

Updated Ship-To information: added two address locations.

   When N104 is 0030:
   Zappos.com LLC
   c/o Amazon.com MDDC LLC
   600 Principio Parkway West
   North East, MD 21901

Change History Continued:

08/23/2021:
Updated N1 segment Sample Data and User Notes from ZAPPOS MERCHANDISING INC. to include current ship to
· locations.

> <u>When N104 is 0005:</u>
> Zappos.com LLC
> Amazon.com KYDC LLC
> 4360 Robards Lane
> Louisville, KY 40218 USA
> .
> <u>When N104 is 0006:</u> Zappos
> Zappos.com LLC
> Amazon.com INDC LLC
> 715 Airtech Parkway
> Plainfield, IN 46168 USA
> .
> <u>When N104 is 0006:</u> Zappos.com
> LLC
> Amazon.com INDC LLC
> 715 Airtech Parkway
> Plainfield, IN 46168 USA

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

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

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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

External Information: *This field will be the date the EDI message was created*
Formatting Notes: *YYMMDD*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange
Formatting Notes: *HHMM*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

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.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

External Information: *This field will be a unique control number representing the ISA - IEA transaction*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information
All valid standard codes are used.

Code	Data Type
P	*Production*
T	*Test*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA16	I15	**Component Element Separator**	M		1/1	Must use

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

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

Description: Code identifying a group of application related transaction sets

Code	Name
PC	Purchase Order Change Request - Buyer Initiated (860)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date**	M	DT	8/8	Must use

Formatting Notes: Date expressed as CCYYMMDD

External Information: *This field will be the date that the EDI was created*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

External Information: *This field will be a unique control number representing the GS - GE transaction*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: *This field will be a unique control number representing the ST - SE transaction*

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH03	324	**Purchase Order Number**	M	AN	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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH06	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD
User Note 1: *Purchase Order Date*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCH11	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD
User Note 1: *Purchase Order Change Date*

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

<table>
<tr><td>Pos: 050</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading – Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

To specify identifying information

Element Summary:

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	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

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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:

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount**	M	N2	1/15	Must use

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC07	332	**Percent**	M	R	1/6	Must use

Description: Percent expressed as a percent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC08	118	**Rate**	M	R	1/9	Must use

Description: Rate expressed in the standard monetary denomination for the currency specified

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC09	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD05	351	**Terms Discount Days Due**	X	N0	1/3	Used

    Description: Number of days in the terms discount period by which payment is due if terms discount is earned

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD07	386	**Terms Net Days**	O	N0	1/3	Used

    Description: Number of days until total invoice amount is due (discount not applicable)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Must use

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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 LLC
c/o Amazon.com KYDC LLC
376 Zappos.com Blvd
FTZ 029, Site 6
Shepherdsville, KY 40165 USA.

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

.
When N104 is 0006:
Zappos Merchandising 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 Ste 2
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 LL
705 Boulder Drive
Breinigsville, PA 18031 USA

.
When N104 is 0025:
Zappos.com LLC
c/o Amazon.com AZDC LL
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

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 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC01	350	**Assigned Identification**	O	AN	1/20	Used

Description: Alphanumeric characters assigned for differentiation within a transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC03	330	**Quantity Ordered**	M	R	1/15	Must use

Description: Quantity ordered

User Note 1: *(Qty prior to this change)*

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC06	212	**Unit Price**	X	R	1/17	Used

Description: Price per unit of product, service, commodity, etc.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
POC09	234	**Product/Service ID**	X	AN	1/48	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

| 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)

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	**Item Description Type**	M	ID	1/1	Must use

Description: Code indicating the format of a description

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

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): 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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*