

Micro Center

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

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Modified:	09/18/2009

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.

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
060	PER	Administrative Communications Contact	O	1			Used
110	CSH	Sales Requirements	O	1			Used
150	DTM	Date/Time Reference	O	3			Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Used
LOOP ID - N9					1		
285	N9	Reference Identification	O	1			Used
290	MSG	Message Text	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
040	CTP	Pricing Information	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

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.

User Note 1:

Change History:

7/22/09 - Added Header level REF - IA for Vendor number

9/18/09 - Added notation in the POC segment page regarding what suppliers will see when an order has items being deleted and open items appearing as deleted and then added back.

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						

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).

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				
		CP Change to Purchase Order				
BCH03	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
BCH06	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
BCH11	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				

Semantics:

1. BCH06 is the date assigned by the purchaser to purchase order.
2. BCH11 is the date of the purchase order change request.

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

IA Internal Vendor Number

REF02	127	Reference Identification	X	AN	1/30	Used
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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.

PER Administrative Communications Contact

Pos: 060	Max: 1
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

To identify a person or office to whom administrative communications should be directed

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>
PER01	366	Contact Function Code	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		<u>Code</u>	<u>Name</u>			
		IC	Information Contact			
PER02	93	Name	O	AN	1/60	Used
		Description: Free-form name				
PER03	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		<u>Code</u>	<u>Name</u>			
		TE	Telephone			
PER04	364	Communication Number	X	AN	1/80	Used
		Description: Complete communications number including country or area code when applicable				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.

CSH Sales Requirements

Pos: 110	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

To specify general conditions or requirements of the 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>
CSH01	563	Sales Requirement Code	O	ID	1/2	Used

Description: Code to identify a specific requirement or agreement of sale

Code Name

- N No Back Order
- Y Back Order if Out of Stock

DTM Date/Time Reference

Pos: 150	Max: 3
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						
002 Delivery Requested						
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.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

To specify the carrier and sequence of routing and provide transit time 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>
TD505	387	Routing	X	AN	1/35	Used

Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.

Loop N9

Pos: 285	Repeat: 1
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

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>
285	N9	Reference Identification	O	1		Used
290	MSG	Message Text	O	1		Used

N9 Reference Identification

Pos: 285	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
Code Name						
L1 Letters or Notes						
N903	369	Free-form Description	M	AN	1/45	Must use
Description: Free-form descriptive text						

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.

MSG Message Text

Pos: 290	Max: 1
Heading - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

To provide a free-form format that allows the transmission of text 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>
MSG01	933	Free-Form Message Text	M	AN	1/264	Must use

Description: Free-form message text

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
040	CTP	Pricing Information	O	1		Used

POC Line Item Change

Pos: 010 Max: 1
 Detail - Optional
 Loop: POC Elements: 13

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
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Description: Code specifying the type of change to the line item

Code Name

- AI Add Additional Item(s)
- CA Changes To Line Items
- DI Delete Item(s)
- PC Price Change
- PQ Unit Price/Quantity Change
- QD Quantity Decrease
- QI Quantity Increase

POC03	330	Quantity Ordered	O	R	1/15	Used
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Description: Quantity ordered

User Note 1: This will be the balance of this item prior to this change

POC04	671	Quantity Left to Receive	X	R	1/9	Used
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Description: Quantity left to receive as qualified by the unit of measure

User Note 1: This will be the item quantity after this change has been applied to the item

POC05	C001	Composite Unit of Measure	X	Comp		Used
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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
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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
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Description: Price per unit of product, service, commodity, etc.

POC07	639	Basis of Unit Price Code	O	ID	2/2	Used
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Description: Code identifying the type of unit price for an item

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
All valid standard codes are used.						
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						
IB International Standard Book Number (ISBN)						
VP Vendor's (Seller's) Part Number						
POC09	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
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						
BP Buyer's Part 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						
UP U.P.C. Consumer Package Code (1-5-5-1)						
POC13	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.

Semantics:

1. POC01 is the purchase order line item identification.

User Note 1:

Due to some issues with our system, items being deleted from the Purchase Order, our system is also flagging the open items as deleted as well. To correct this, modifications have been made to have the open items reopened, unfortunately this results in an Item/UPC appearing as a Deleted Item and then added back as an added item, this is due to resequencing of the Line Sequence number on the order.

Suppliers need to be aware that a change that contains the same Item/UPC with these two status are reinstatement of the original item and need to be aware that the data in POC01 is now the correct Line Sequence

number for that item on the open order and need to be returned on any return EDI transactions.

CTP Pricing Information

Pos: 040	Max: 1
Detail - Optional	
Loop: POC	Elements: 2

User Option (Usage): Used

To specify pricing 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>
CTP02	236	Price Identifier Code	M	ID	3/3	Must use
		Description: Code identifying pricing specification				
		Code Name				
		MSR Manufacturer's Suggested Retail				
CTP03	212	Unit Price	M	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				

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	N0	1/6	Must use

Description: Total number of line items in the transaction set

Comments:

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

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.