860 Purchase Order Change Request Domestic Orders Only

ANSI X12-4010
Vendor Implementation Guide
Document Version 1.2
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860 Purchase Order Change Request - Buyer Initiated

Functional Group ID=PC

Introduction:

This Draft Standard for Trial Use 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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	BCH	Beginning Segment for Purchase Order Change	M	1		
	050	REF	Reference Identification	O	>1		
	060	PER	Administrative Communications Contact	O	3		
	150	DTM	Date/Time Reference	O	10		
			LOOP ID - N1			200	
	300	N1	Name	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - POC			>1	
	010	POC	Line Item Change	O	1		
	041	PAM	Period Amount	O	10		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
	090	PO4	Item Physical Details	O	>1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
	010	CTT	Transaction Totals	O	1		n1
M	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. 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.

Segment:	**ST** Transaction Set Header		
Position:	010		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the start of a transaction set and to assign a control number		
Syntax Notes:			
Semantic Notes:	1	The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			860 Purchase Order Change Request - Buyer Initiated	
M	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

	Segment:	**BCH** Beginning Segment for Purchase Order Change			
	Position:	020			
	Loop:				
	Level:	Heading			
	Usage:	Mandatory			
	Max Use:	1			
	Purpose:	To indicate the beginning of the Purchase Order Change Transaction Set and transmit identifying numbers and dates			
	Syntax Notes:				
	Semantic Notes:	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.			
	Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**BCH01**	**353**	**Transaction Set Purpose Code**	**M**	**ID 2/2**
			Code identifying purpose of transaction set		
			01 Cancellation		
			53 Completion		
			SU Status Update		
M	**BCH02**	**92**	**Purchase Order Type Code**	**M**	**ID 2/2**
			Code specifying the type of Purchase Order		
			CP Change to Purchase Order		
			ZZ Mutually Defined		
M	**BCH03**	**324**	**Purchase Order Number**	**M**	**AN 1/22**
			Identifying number for Purchase Order assigned by the orderer/purchaser		
M	**BCH06**	**373**	**Date**	**M**	**DT 8/8**
			Date expressed as CCYYMMDD		
	BCH11	**373**	**Date**	**O**	**DT 8/8**
			Date expressed as CCYYMMDD		

Segment:	**REF** Reference Identification				
Position:	050				
Loop:					
Level:	Heading				
Usage:	Optional				
Max Use:	>1				
Purpose:	To specify identifying information				
Syntax Notes:	1	At least one of REF02 or REF03 is required.			
	2	If either C04003 or C04004 is present, then the other is required.			
	3	If either C04005 or C04006 is present, then the other is required.			
Semantic Notes:	1	REF04 contains data relating to the value cited in REF02.			
Comments:					
Notes:	The "CX" instance of the REF Segment will only be used for those trading partners participating in the Pay on Ship/Scan program. Please contact your business SME for additional information about this program.				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			CX Consignment Classification ID		
			VR Vendor ID Number		
	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			When used with the "VR" qualifier, this will hold the Vendor Number assigned by CVS.		
			In regards to the "CX" qualifier, Pay on Ship/Scan program is a special use program and not all partners will be participating. Please contact your business SME if you have additional questions regarding those programs.		
	REF03	352	**Description**	X	AN 1/80
			A free-form description to clarify the related data elements and their content		
			When REF01 = "VR", this element will hold the PO REF 1		

Segment: **PER** Administrative Communications Contact

Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes: 1   If either PER03 or PER04 is present, then the other is required.
         2   If either PER05 or PER06 is present, then the other is required.
         3   If either PER07 or PER08 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PER01	366	**Contact Function Code**	M	ID 2/2
			Code identifying the major duty or responsibility of the person or group named		
			BD Buyer Name or Department		
	PER02	93	**Name**	O	AN 1/60
			Free-form name		
	PER09	443	**Contact Inquiry Reference**	O	AN 1/20
			Additional reference number or description to clarify a contact number		

Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1   At least one of DTM02 DTM03 or DTM05 is required.
2   If DTM04 is present, then DTM03 is required.
3   If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	DTM01	374	Date/Time Qualifier	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			002 Delivery Requested		
			069 Promised for Delivery		
	DTM02	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
			Delivery Date		

Segment:	**N1** Name	
Position:	300	
Loop:	N1	Optional
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			ST Ship To		
	N102	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
	N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			54 Warehouse		
	N104	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
			DC Code		

Segment:	**POC** Line Item Change		
Position:	010		
Loop:	POC	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify changes to a line item		
Syntax Notes:	1	If POC03 is present, then both POC04 and POC05 are required.	
	2	If POC07 is present, then POC06 is required.	
	3	If either POC08 or POC09 is present, then the other is required.	
	4	If either POC10 or POC11 is present, then the other is required.	
	5	If either POC12 or POC13 is present, then the other is required.	
	6	If either POC14 or POC15 is present, then the other is required.	
	7	If either POC16 or POC17 is present, then the other is required.	
	8	If either POC18 or POC19 is present, then the other is required.	
	9	If either POC20 or POC21 is present, then the other is required.	
	10	If either POC22 or POC23 is present, then the other is required.	
	11	If either POC24 or POC25 is present, then the other is required.	
	12	If either POC26 or POC27 is present, then the other is required.	
Semantic Notes:	1	POC01 is the purchase order line item identification.	
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	POC02	670	**Change or Response Type Code**	**M ID 2/2**
			Code specifying the type of change to the line item	
			AI Add Additional Item(s)	
			CA Changes To Line Items	
			CF Cancel Previously Transmitted Purchase Order	
			DI Delete Item(s)	
			NC Concurrent Item (No Change)	
	POC03	330	**Quantity Ordered**	**O R 1/15**
			Quantity ordered	
	POC04	671	**Quantity Left to Receive**	**X R 1/9**
			Quantity left to receive as qualified by the unit of measure	
			Required field – ignore, will always be zero	
	POC05	C001	**Composite Unit of Measure**	**X**
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
M	C00101	355	**Unit or Basis for Measurement Code**	**M ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			CA Case	
	POC06	212	**Unit Price**	**X R 1/17**
			Price per unit of product, service, commodity, etc.	
	POC08	235	**Product/Service ID Qualifier**	**X ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			PI Purchaser's Item Code	
	POC09	234	**Product/Service ID**	**X AN 1/48**

Identifying number for a product or service

		CVS Item Number		
POC10	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

UD	U.P.C./EAN Consumer Package Code (2-5-5)	
UI	U.P.C. Consumer Package Code (1-5-5)	

POC11	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

		Item UPC Number or EAN		
POC12	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

ND National Drug Code (NDC)

POC13	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

		NDC if RX		
POC14	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

PQ Product ID Attribute Code

POC15	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

		01QTY and Regular Quantity (X07) (01QTY0000099)		
POC16	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

PQ Product ID Attribute Code

POC17	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

		DLQTY and Deal Quantity (X7) (DLQTY0000099)		
POC18	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

PQ Product ID Attribute Code

POC19	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

		Promo Event code (X5)QTY and Promo Quantity #(X7) (00099QTY0000099)		
POC20	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

PQ Product ID Attribute Code

POC21	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

		Seasonal event code (X2)QTY and Seasonal quantity #(X7) (XXQTY0000099)		
POC22	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

POC23	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

POC24	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

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

POC25	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Segment:	**PAM** Period Amount	
Position:	041	
Loop:	POC	Optional
Level:	Detail	
Usage:	Optional	
Max Use:	10	
Purpose:	To indicate a quantity, and/or amount for an identified period	
Syntax Notes:	1	If any of PAM01 PAM02 or PAM03 is present, then all are required.
	2	At least one of PAM02 PAM05 or PAM14 is required.
	3	If either PAM04 or PAM05 is present, then the other is required.
	4	If either PAM06 or PAM07 is present, then the other is required.
	5	If PAM07 is present, then at least one of PAM08 or PAM09 is required.
	6	If PAM07 is present, then PAM06 is required.
	7	If PAM08 is present, then PAM07 is required.
	8	If PAM09 is present, then PAM07 is required.
	9	If PAM10 is present, then at least one of PAM11 or PAM12 is required.
	10	If PAM11 is present, then PAM10 is required.
	11	If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	1	PAM10, PAM11, or PAM12 are used when two dates are required.
	2	PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.
Comments:		

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PAM04	**522**	**Amount Qualifier Code**	**X ID 1/3**
		Code to qualify amount	
		1 Line Item Total	
PAM05	**782**	**Monetary Amount**	**X R 1/18**
		Monetary amount	

Segment: **PID** Product/Item Description

Position:	050
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format

Syntax Notes:
1. If PID04 is present, then PID03 is required.
2. At least one of PID04 or PID05 is required.
3. If PID07 is present, then PID03 is required.
4. If PID08 is present, then PID04 is required.
5. If PID09 is present, then PID05 is required.

Semantic Notes:
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.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	PID01	349	**Item Description Type**	M	**ID 1/1**
			Code indicating the format of a description		
			X Semi-structured (Code and Text)		
	PID03	559	**Agency Qualifier Code**	X	**ID 2/2**
			Code identifying the agency assigning the code values		
			ZZ Mutually Defined		
	PID04	751	**Product Description Code**	X	**AN 1/12**
			A code from an industry code list which provides specific data about a product characteristic		
	PID05	352	**Description**	X	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Item Description		

Segment: **PO4** Item Physical Details

Position: 090
Loop: POC   Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item
Syntax Notes:
1. If either PO402 or PO403 is present, then the other is required.
2. If PO405 is present, then PO406 is required.
3. If either PO406 or PO407 is present, then the other is required.
4. If either PO408 or PO409 is present, then the other is required.
5. If PO410 is present, then PO413 is required.
6. If PO411 is present, then PO413 is required.
7. If PO412 is present, then PO413 is required.
8. If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
9. If PO417 is present, then PO416 is required.
10. If PO418 is present, then PO404 is required.

Semantic Notes:
1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:
1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PO401	356	Pack	O N0 1/6

    The number of inner containers, or number of eaches if there are no inner containers, per outer container

    Case Pack

Segment: **CTT** **Transaction Totals**

    Position: 010
       Loop: CTT   Optional
       Level: Summary
      Usage: Optional
   Max Use: 1
    Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: **1**   If either CTT03 or CTT04 is present, then the other is required.
               2   If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
  Comments: **1**   This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set	

Segment:		**SE** Transaction Set Trailer		
Position:		030		
Loop:				
Level:		Summary		
Usage:		Mandatory		
Max Use:		1		
Purpose:		To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)		
Syntax Notes:				
Semantic Notes:				
Comments:		1 SE is the last segment of each transaction set.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	SE01	96	**Number of Included Segments**	**M**	**N0 1/10**
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	**Transaction Set Control Number**	**M**	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

860 – PO Change Example v4010:

ISA*00*   *00*   *ZZ*CVSUAT   *01*TESTASN
*241001*1328*U*00401*000000056*1*P*^~
GS*PO*CVSUAT*TESTASN*20241001*1328*169*X*004010~
ST*860*0001~
BCH*SU*CP*0123456***20240913*****20240916~
REF*VR*12345~
REF*CX*5~
PER*BD*MARK JONES~
DTM*002*20240808~
N1*ST**54*K101~
POC**CA*204*0*CA*31**PI*701438*UI*81005251234***PQ*   01QTY0000001*****PQ*XC
QTY0000203~
PAM****1*6324~
PID*X**ZZ*41*LITTLEISTAS AST   EACH~
PO4*2~
CTT*1~
SE*13*0001~
GE*1*169~
IEA*1*000000056~