



860 Purchase Order Change Request - Buyer Initiated

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

Version: 1.0

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860 Purchase Order Change Request - Buyer Initiated

Functional Group=**PC**

Purpose: 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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BCH	Beginning Segment for Purchase Order Change	M	1		
050	REF	Reference Identification	O	>1		
LOOP ID - N1					200	
300	N1	Name	M	1		

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - POC					>1	
010	POC	Line Item Change	M	1		
100	REF	Reference Identification	O	>1		
LOOP ID - SCH					200	
295	SCH	Line Item Schedule	M	1		

Summary:

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

ST Transaction Set Header

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

Purpose: 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 All valid standard codes are used.				
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				

BCH Beginning Segment for Purchase Order Change

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

Purpose: 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						
BCH05	327	Change Order Sequence Number	O	AN	1/8	Used
Description: Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set						
BCH06	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						

REF Reference Identification

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

Purpose: To specify identifying information

Syntax Rules:

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

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

PR Price Quote 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

N1 Name

Pos: 300	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

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

Syntax Rules:

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

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				
		BT Bill-to-Party				
		ST Ship To				
N102	93	Name	X	AN	1/60	Used
		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				
		1 D-U-N-S Number, Dun & Bradstreet				
N104	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				

POC Line Item Change

Pos: 010	Max: 1
Detail - Mandatory	
Loop: POC	Elements: 11

Purpose: To specify changes to a line item

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.

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	M	AN	1/20	Must use
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						
AI Add Additional Item(s)						
CA Changes To Line Items						
CT Change of Dates						
DI Delete Item(s)						
MU (Multiple) For Unit Price Quantity Reschedule Change						
NC Concurrent Item (No Change)						
PC Price Change						
PQ Unit Price/Quantity Change						
QD Quantity Decrease						
QI Quantity Increase						
RC Reject Item Change						
RE Replacement Item						
RQ Reschedule/Quantity Change						
RS Reschedule						
POC03	330	Quantity Ordered	M	R	1/15	Must use
Description: Quantity ordered						
POC04	671	Quantity Left to Receive	X	R	1/9	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: Quantity left to receive as qualified by the unit of measure				
POC05	C001	Composite Unit of Measure	X	Comp		Used
		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.				
POC07	639	Basis of Unit Price Code	M	ID	2/2	Used
		Description: Code identifying the type of unit price for an item				
		Code Name				
		PE Price per Each				
POC08	235	Product/Service ID Qualifier	M	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				
POC09	234	Product/Service ID	M	AN	1/48	Used
		Description: Identifying number for a product or service				
POC10	235	Product/Service ID Qualifier	M	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code Name				
		VP Vendor's (Seller's) Part Number				
POC11	234	Product/Service ID	M	AN	1/48	Used
		Description: Identifying number for a product or service				

REF Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: POC	Elements: 2

Purpose: To specify identifying information

Syntax Rules:

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

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

PR Price Quote 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

SCH Line Item Schedule

Pos: 295	Max: 1
Detail - Mandatory	
Loop: SCH	Elements: 6

Purpose: To specify the data for scheduling a specific line-item

Syntax Rules:

1. C0304 - If SCH03 is present, then SCH04 is required.
2. L080910 - If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3. C0908 - If SCH09 is present, then SCH08 is required.
4. C1008 - If SCH10 is present, then SCH08 is required.

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>
SCH01	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
SCH02	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				
		<u>Code</u> <u>Name</u>				
		EA Each				
SCH05	374	Date/Time Qualifier	M	ID	3/3	Must use
		Description: Code specifying type of date or time, or both date and time				
		<u>Code</u> <u>Name</u>				
		002 Delivery Requested				
		010 Requested Ship				
SCH06	373	Date	M	DT	8/8	Must use
		Description: New request date expressed as CCYYMMDD				
SCH08	374	Date/Time Qualifier	X	ID	3/3	Used
		Description: Code specifying type of date or time, or both date and time				
		<u>Code</u> <u>Name</u>				
		002 Delivery Requested				
		010 Requested Ship				
SCH09	373	Date	X	DT	8/8	Used
		Description: Original Request Date expressed as CCYYMMDD				

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Mandatory	
Loop: CTT	Elements: 2

Purpose: To transmit a hash total for a specific element 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.

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

CTT02	347	Hash Total	O	R	1/10	Used
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Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

SE Transaction Set Trailer

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

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)

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				

EDI 860 EXAMPLES:

ISA*00* *00* *12*2186816674 *ZZ*TEST *111209*1550*U*00401*000000108*0*T^~
GS*PC*2186816674*TEST*20111209*1550*85*X*004010~
ST*860*850001~
BCH*04*CP*01090819**20111209~
N1*ST*DIGI-KEY CORPORATION*01*057602120~
N1*BT*DIGI-KEY CORPORATION*01*057602120~
POC*0009*RS*32000*32000*EA*.0375*PE*BP*DKPARTNUMBER*VP*MFGPARTNUMBER~
SCH*16000*EA***002*20111004**002*20111004~
SCH*8000*EA***002*20120104**002*20111204~
SCH*8000*EA***002*20120401**002*20120204~
CTT*1~
SE*10*850001~
GE*1*85~
IEA*1*000000108~

ISA*00* *00* *12*2186816674 *ZZ*TEST *111209*1551*U*00401*000000109*0*T^~
GS*PC*2186816674*TEST*20111209*1551*86*X*004010~
ST*860*860001~
BCH*04*CP*01127471**20111209~
N1*ST*DIGI-KEY CORPORATION*01*057602120~
N1*BT*DIGI-KEY CORPORATION*01*057602120~
POC*0001*RS*200000*200000*EA*.096*PE*BP*DKPARTNUMBER*VP*MFGPARTNUMBER~
SCH*200000*EA***010*20120331**010*20111210~
CTT*1~
SE*8*860001~
GE*1*86~
IEA*1*000000109~

ISA*00* *00* *12*2186816674 *ZZ*TEST *111209*1605*U*00401*000000110*0*T^~
GS*PC*2186816674*TEST*20111209*1605*87*X*004010~
ST*860*870001~
BCH*04*CP*01127471**20111209~
N1*ST*DIGI-KEY CORPORATION*01*057602120~
N1*BT*DIGI-KEY CORPORATION*01*057602120~
POC*0001*RS*200000*200000*EA*.096*PE*BP*DKPARTNUMBER*VP*MFGPARTNUMBER~
REF*PR*QUOTENUMBER~
SCH*200000*EA***010*20120331**010*20111210~
CTT*1~
SE*9*870001~
GE*1*87~
IEA*1*000000110~