



Message Implementation Guideline

## STORE/DC 4010 860 EDI GUIDELINE

based on

**860**

Purchase Order Change Request - Buyer Initiated

**X12 004010**

Version: 1.0  
Variant: 1  
Issue date: 10/25/2017  
Author: TSC

1 Message Structure.....	3
3 Segments .....	4

---

## TSC CONTACTS AND SUMMARY

### Contact Information

TSC Store Support Center  
5401 Virginia Way  
Brentwood, TN 37027  
USA

ISSUES / QUESTIONS	CONTACT	PURPOSE
EDI Team	<a href="mailto:edicoordinator@tractorsupply.com">edicoordinator@tractorsupply.com</a>	EDI related Questions
DropShipMC	<a href="mailto:dropshipmc@tractorsupply.com">dropshipmc@tractorsupply.com</a>	Packing Slip, Label or Order Issues
Accounts Payable	<a href="mailto:vpi@tractorsupply.com">vpi@tractorsupply.com</a>	Payment Status Assistance
Vendor Compliance	<a href="mailto:tsccompliance@tractorsupply.com">tsccompliance@tractorsupply.com</a>	Compliance, Disputes, Chargebacks Etc
AP Portal	<a href="mailto:apex@ap.tractorsupply.com">apex@ap.tractorsupply.com</a>	Payment Status, Invoice Receipt (Only available after first invoice received)

### EDI Information

**Standard:** ANSI X12

**Version:** 004010

Test EDI Qualifier: 08  
Test EDI ID: 6120930015  
ISA15: T

Production EDI Qualifier: 08  
Production EDI ID: 6120930014  
ISA15: P

VAN: Sterling

### **Terminator and Separators**

Segment Terminator:	~ (tilde)
Element Separator:	* (asterisk)
Sub-Element Separator:	> (greater than sign)
Repeating element:	^ (carrot)

### **997 Acknowledgements**

It is the Vendor's responsibility to check their 997 reports for failed documents periodically throughout the day.

### **Duplicate PO Check**

It is the Vendor's responsibility to ensure that Duplicate PO check is turned on. TSC is not responsible for duplicate POs. **Do not ship Duplicate POs.**

### **EDI X12 Testing**

It is the Vendor's responsibility to pre-test the mapping before testing with TSC. TSC expects the test data to comply with the TSC EDI X12 specification.

## Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	<b>ISA</b>	M	1	0	Interchange Control Header
0000	2	<b>GS</b>	M	1	0	Functional Group Header
0010	3	<b>ST</b>	M	1	0	Transaction Set Header
0020	4	<b>BCH</b>	M	1	0	Beginning Segment for Purchase Order Change
0150	5	<b>DTM</b>	C	10	1	Date/Time Reference
0010		<b>POC</b>	O	>1	1	POC-QTY
0010	6	<b>POC</b>	M	1	1	Line Item Change
0293		<b>QTY</b>	C	>1	2	QTY
0293	7	<b>QTY</b>	M	1	2	Quantity
0010		<b>CTT</b>	M	1	1	CTT
0010	8	<b>CTT</b>	M	1	1	Transaction Totals
0030	9	<b>SE</b>	M	1	0	Transaction Set Trailer
0000	10	<b>GE</b>	M	1	0	Functional Group Trailer
0000	11	<b>IEA</b>	M	1	0	Interchange Control Trailer

Counter = Counter of segment/group within the standard  
 No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

## Segments

Counter	No	Tag	St	MaxOcc	Level	Name
---------	----	-----	----	--------	-------	------

0000	1	<b>ISA</b>	M	1	0	Interchange Control Header
------	---	------------	---	---	---	----------------------------

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
ISA 01	I01	Authorization Information Qualifier	M ID 2/2	<b>00 No Authorization Information Present (No Meaningful Information in I02)</b>
ISA 02	I02	Authorization Information	M AN 10/10	Ten Blanks
ISA 03	I03	Security Information Qualifier	M ID 2/2	<b>00 No Security Information Present (No Meaningful Information in I04)</b>
ISA 04	I04	Security Information	M AN 10/10	Ten Blanks
ISA 05	I05	Interchange ID Qualifier	M ID 2/2	<b>08 UCC EDI Communications ID (Comm ID)</b>
ISA 06	I06	Interchange Sender ID	M AN 15/15	Production 6120930014 Test 6120930015
ISA 07	I05	Interchange ID Qualifier	M ID 2/2	
ISA 08	I07	Interchange Receiver ID	M AN 15/15	
ISA 09	I08	Interchange Date	M DT 6/6	YYMMDD
ISA 10	I09	Interchange Time	M TM 4/4	HHMM
ISA 11	I10	Interchange Control Standards Identifier	M ID 1/1	<b>U U.S. EDI Community of ASC X12, TDCC, and UCS</b>
ISA 12	I11	Interchange Control Version Number	M ID 5/5	<b>00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997</b>
ISA 13	I12	Interchange Control Number	M N0 9/9	The interchange control number will be incremented up by 1 for each sent transmission.
ISA 14	I13	Acknowledgment Requested	M ID 1/1	<b>0 No Acknowledgment Requested</b>
ISA 15	I14	Usage Indicator	M ID 1/1	<b>T Test Data</b> <b>P Production Data</b>
ISA 16	I15	Component Element Separator	M AN 1/1	HEX "6E" (>)

### Remark:

### Example:

```
ISA*00*          *00*          *08*6120930015    *01*XXXXXXXXXXXXXXX*170331*0721*U*00401*999999999*0*
T*>
```

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)



Counter	No	Tag	St	MaxOcc	Level	Name
0000	2	<b>GS</b>	M	1	0	Functional Group Header

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
GS 01	479	Functional Identifier Code	M ID 2/2	<b>PC Purchase Order Change Request - Buyer Initiated (860)</b>
GS 02	142	Application Sender's Code	M AN 10/10	Production 6120930014 Test 6120930015
GS 03	124	Application Receiver's Code	M AN 2/15	This value will be the same as the receiver ID in ISA08. Any other value must be pre-approved by a TSC EDI analyst prior to usage.
GS 04	373	Date	M DT 8/8	CCYYMMDD
GS 05	337	Time	M TM 4/8	HHMMSSDD
GS 06	28	Group Control Number	M N0 1/9	The group control number will be incremented up by 1 for each sent transmission.
GS 07	455	Responsible Agency Code	M ID 1/1	<b>X Accredited Standards Committee X12</b>
GS 08	480	Version / Release / Industry Identifier Code	M AN 6/6	<b>004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997</b>

**Remark:****Example:**

GS\*PC\*6120930015\*XXXXXXXXXXXXXXXX\*20170331\*0721\*1\*X\*004010~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)



Counter	No	Tag	St	MaxOcc	Level	Name
0010	3	<b>ST</b>	M	1	0	Transaction Set Header

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
ST 01	143	Transaction Set Identifier Code	M ID 3/3	<b>860 Purchase Order Change Request - Buyer Initiated</b>
ST 02	329	Transaction Set Control Number	M AN 4/9	The Transaction Set Control Number is sequentially assigned to each transaction set for each receiver.

**Remark:****Example:**

ST\*860\*XXXX~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)



Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	<b>BCH</b>	M	1	0	Beginning Segment for Purchase Order Change

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
BCH01	353	Transaction Set Purpose Code	M ID 2/2	<b>01 Cancellation</b> <b>04 Change</b>
BCH02	92	Purchase Order Type Code	M ID 2/2	<b>SA Stand-alone Order</b>
BCH03	324	Purchase Order Number	M AN 10/10	TSC PO Number
BCH06	373	Date	M DT 8/8	CCYYMMDD - This is the date the original PO was created
BCH11	373	Date	M DT 8/8	CCYYMMDD - This is the date the PO Change was created

**Remark:**

If the BCH01 = "01" the order has been cancelled. No additional segments will follow.

**Example:**

BCH\*01\*SA\*XXXXXXXXXX\*\*\*20170331\*\*\*\*\*20170331~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)



Counter	No	Tag	St	MaxOcc	Level	Name
0150	5	<b>DTM</b>	C	10	1	Date/Time Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
DTM01	374	Date/Time Qualifier	M ID 3/3	<b>037 Ship Not Before</b> <b>038 Ship No Later</b> <b>063 Do Not Deliver After</b> <b>064 Do Not Deliver Before</b>
DTM02	373	Date	M DT 8/8	CCYYMMDD

**Remark:**

The DTM segment is only transmitted if there is a change to the ship date. Two DTM segments will be transmitted.

**Example:**

DTM\*037\*20170331~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)





Counter	No	Tag	St	MaxOcc	Level	Name
0010		<b>POC</b>	O	>1	1	<b>POC-QTY</b>
0010	6	<b>POC</b>	M	1	1	<b>Line Item Change</b>

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
POC 01	350	Assigned Identification	M AN 1/20	
POC 02	670	Change or Response Type Code	M ID 2/2	<b>AI</b> Add Additional Item(s) <b>DI</b> Delete Item(s) <b>RZ</b> Replace All Values
POC 08	235	Product/Service ID Qualifier	M ID 2/2	<b>IN</b> Buyer's Item Number
POC 09	234	Product/Service ID	M AN 7/7	TSC's 7 digit SKU number
POC 10	235	Product/Service ID Qualifier	M ID 2/2	<b>VN</b> Vendor's (Seller's) Item Number
POC 11	234	Product/Service ID	M AN 1/48	Vendor's item/part number
POC 12	235	Product/Service ID Qualifier	M ID 2/2	<b>UP</b> U.P.C. Consumer Package Code (1-5-5-1)
POC 13	234	Product/Service ID	M AN 12/13	UPC Code

**Remark:****Example:**

POC\*X\*AI\*\*\*\*\*IN\*1234567\*VN\*123\*UP\*123456789098~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)



Counter	No	Tag	St	MaxOcc	Level	Name
0293		QTY	C	>1	2	QTY
0293	7	QTY	M	1	2	Quantity

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
QTY 01	673	Quantity Qualifier	M ID 2/2	<b>A5 Adjusted Quantity</b>
QTY 02	380	Quantity	M R 1/15	Numeric value of quantity
	C001	Composite Unit of Measure	M	
QTY 03	355	Unit or Basis for Measurement Code	M ID 2/2	Unit of Measure

**Remark:****Example:**

QTY\*A5\*9\*EA~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

Counter	No	Tag	St	MaxOcc	Level	Name
0010		CTT	M	1	1	CTT
0010	8	CTT	M	1	1	Transaction Totals

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
CTT 01	354	Number of Line Items	M N0 1/6	Total number of POC segments

**Remark:**

**Example:**

CTT\*9~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)



Counter	No	Tag	St	MaxOcc	Level	Name
0030	9	<b>SE</b>	M	1	0	Transaction Set Trailer

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
SE 01	96	Number of Included Segments	M N0 1/10	
SE 02	329	Transaction Set Control Number	M AN 4/9	Must match ST02 value

**Remark:****Example:**

SE\*7\*XXXX~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)



Counter	No	Tag	St	MaxOcc	Level	Name
0000	10	<b>GE</b>	M	1	0	Functional Group Trailer

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
GE 01	97	Number of Transaction Sets Included	M N0 1/6	Number of ST segments within GS Segment
GE 02	28	Group Control Number	M N0 1/9	Must match GS06 value

**Remark:****Example:**

GE\*1\*1~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

Counter	No	Tag	St	MaxOcc	Level	Name
0000	11	<b>IEA</b>	M	1	0	Interchange Control Trailer

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
IEA 01	I16	Number of Included Functional Groups	M N0 1/5	Number of GS Segments within ISA envelope
IEA 02	I12	Interchange Control Number	M N0 9/9	Must match ISA13 value

**Remark:****Example:**

IEA\*1\*999999999~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)

**TSC Store/DC Change Log – 860 Purchase Order Change**

10/25/2017

- BCH03 changed to 10/10 format
- DTM changed to Conditional
- DTM02 changed to Mandatory
- POC changed to Conditional
- POC01, 08, 09, 10, 11, 12 & 13 changed to Mandatory
- POC09 changed to 7/7 format
- POC13 changed to 12/13 format
- QTY02 changed to Mandatory

No = Consecutive segment number  
MaxOcc = Maximum occurrence of the segment/group  
Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
O=Optional, F=Floating, D=Dependent, A=Advised,  
S=Situational, X=Not used, N=Not recommended)

## Example Data:

## Replace All Values

ISA\*00\* \*00\* \*08\*6120930015 \*01\*065978504  
 \*170514\*2000\*U\*00401\*000000280\*0\*T\*> ~  
 GS\*PC\*6120930015\*065978504\*20170514\*2000\*280\*X\*004010~  
 ST\*860\*2800001~  
 BCH\*04\*SA\*1018482871\*\*\*20170301\*\*\*\*\*20170514~  
 POC\*10\*RZ\*\*\*\*\*IN\*1052727\*VN\*MISC10HBV\*UP\*054652995894~  
 QTY\*A5\*120\*EA~  
 CTT\*1~  
 SE\*6\*2800001~  
 GE\*1\*280~  
 IEA\*1\*000000280~

## Ship Date Change

ISA\*00\* \*00\* \*08\*6120930015 \*01\*005995113  
 \*170515\*1400\*U\*00401\*000009587\*0\*T\*> ~  
 GS\*PC\*6120930015\*005995113\*20170515\*1400\*9587\*X\*004010~  
 ST\*860\*95870001~  
 BCH\*04\*SA\*1018647698\*\*\*20170407\*\*\*\*\*20170515~  
 DTM\*037\*20170519~  
 DTM\*038\*20170522~  
 CTT\*0~  
 SE\*6\*95870001~  
 GE\*1\*9587~  
 IEA\*1\*000009587~

## Cancellation

ISA\*00\* \*00\* \*08\*6120930015 \*12\*5732294203  
 \*170515\*1400\*U\*00401\*000006617\*0\*T\*> ~  
 GS\*PC\*6120930015\*5732294203\*20170515\*1400\*6617\*X\*004010~  
 ST\*860\*66170001~  
 BCH\*01\*SA\*1018577841\*\*\*20170320\*\*\*\*\*20170515~  
 CTT\*0~  
 SE\*4\*66170001~  
 GE\*1\*6617~  
 IEA\*1\*000006617~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
 Counter = Counter of segment/group within the standard

St = Status (M=Mandatory, R=Required, C=Conditional,  
 O=Optional, F=Floating, D=Dependent, A=Advised,  
 S=Situational, X=Not used, N=Not recommended)