



Message Implementation Guideline

DTC 4010 860 EDI GUIDELINE

based on

860

Purchase Order Change Request - Buyer Initiated

X12 004010

Version: 1.2
Variant: 1
Issue date: 07/26/2019
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	edicoordinator@tractorsupply.com	EDI related Questions
DropShipMC	dropshipmc@tractorsupply.com	Packing Slip, Label or Order Issues
Vendor Compliance	tsccompliance@tractorsupply.com	Compliance, Disputes, Chargebacks, etc.
AP Portal	askAP@tractorsupply.com	Payment Status, Invoice Receipt (Only available after first invoice received)

EDI Information

Standard: ANSI X12

Version: 004010

Test EDI Qualifier: 08

Test EDI ID: 6120930011

ISA15: T

Production EDI Qualifier: 08

Production EDI ID: 6120930010

ISA15: P

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	ISA	M	1	0	Interchange Control Header
0000	2	GS	M	1	0	Functional Group Header
0010	3	ST	M	1	0	Transaction Set Header
0020	4	BCH	M	1	0	Beginning Segment for Purchase Order Change
0050	5	REF	O	>1	1	Reference Identification
0060	6	PER	M	3	1	Administrative Communications Contact
0150	7	DTM	M	10	1	Date/Time Reference
0010		POC	O	>1	1	POC-QTY
0010	8	POC	M	1	1	Line Item Change
0293		QTY	M	>1	2	QTY
0293	9	QTY	M	1	2	Quantity
0030	10	SE	M	1	0	Transaction Set Trailer
0000	11	GE	M	1	0	Functional Group Trailer
0000	12	IEA	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	ISA	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	00 No Authorization Information Present (No Meaningful Information in I02)
ISA 02	I02	Authorization Information	M AN 10/10	Ten Blanks
ISA 03	I03	Security Information Qualifier	M ID 2/2	00 No Security Information Present (No Meaningful Information in I04)
ISA 04	I04	Security Information	M AN 10/10	Ten Blanks
ISA 05	I05	Interchange ID Qualifier	M ID 2/2	08
ISA 06	I06	Interchange Sender ID	M AN 10/10	6120930011-Test 6120930010-Production
ISA 07	I05	Interchange ID Qualifier	M ID 2/2	
ISA 08	I07	Interchange Receiver ID	M AN 2/15	
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	U U.S. EDI Community of ASC X12, TDCC, and UCS
ISA 12	I11	Interchange Control Version Number	M ID 5/5	00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997
ISA 13	I12	Interchange Control Number	M N0 9/9	The interchange control number will be assigned sequentially by the vendor. This enables TSC to recognize a missing transmission or duplicate transmission.
ISA 14	I13	Acknowledgment Requested	M ID 1/1	0 No Acknowledgment Requested
ISA 15	I14	Usage Indicator	M ID 1/1	T Test Data P Production Data
ISA 16	I15	Component Element Separator	M AN 1/1	HEX "6E" (>)

Remark:

Example:

```
ISA*00*      *00*      *08*6120930010 *14*1111111111 *190405*0705*U*00401*999999999*0*P*>
```

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	GS	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	PC Purchase Order Change Request - Buyer Initiated (860)
GS 02	142	Application Sender's Code	M AN 10/10	6120930011-Test 6120930010-Production
GS 03	124	Application Receiver's Code	M AN 2/15	
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 NO 1/9	This is assigned sequentially within each group for each receiver. It enables the receiver to recognize a missing or duplicate group.
GS 07	455	Responsible Agency Code	M 1/1	X Accredited Standards Committee X12
GS 08	480	Version / Release / Industry Identifier Code	M AN 6/6	004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Remark:**Example:**

GS*PC*6120930010*XXXXXXXXXX*20190716*1054*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	ST	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	860 Purchase Order Change Request - Buyer Initiated
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*0001~

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	BCH	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	01 Cancellation 04 Change
BCH02	92	Purchase Order Type Code	M ID 2/2	SA Stand-alone Order
BCH03	324	Purchase Order Number	M AN 10/10	TSC 10-digit PO Number
BCH06	373	Date	M DT 8/8	CCYYMMDD - This is the date the original PO was created
BCH11	373	Date	O DT 8/8	CCYYMMDD - This is the date the PO Change was created

Remark:

NOTE: If the BCH01 = "01", the PO has been cancelled. No additional detail segments will be transmitted.

Example:

BCH*01*SA*9008005648***20190405*****20190407~

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
0050	5	REF	M	>1	1	Reference Identification

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/3	IA
REF02	127	Reference Identification	M AN 6/6	TSC's 6-digit Vendor #

Remark:**Example:**

REF*IA*880000

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
0060	6	PER	O	3	1	Administrative Communications Contact

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
PER01	366	Contact Function Code	M ID 2/2	CN General Contact
PER02	93	Name	O AN 1/60	Drop Ship Coordinator
PER03	365	Communication Number Qualifier	C ID 2/2	EM Electronic Mail
PER04	364	Communication Number	C AN 1/80	dropshipmc@tractorsupply.com

Remark:**Example:**

PER*CN*Drop Ship Coordinator*EM*dropshipmc@tractorsupply.com~

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	7	DTM	O	10	1	Date/Time Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
DTM01	374	Date/Time Qualifier	M ID 3/3	010 Requested Ship
DTM02	373	Date	C DT 8/8	CCYYMMDD

Remark:**Example:**

DTM*010*20190405~

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		POC	O	>1	1	POC-QTY
0010	8	POC	C	1	1	Line Item Change

Standard			Implementation	
Ref.	Tag	Name	StFormat	Usage / Remark
POC 01	350	Assigned Identification	O AN 1/20	Line number from the 850 purchase order
POC 02	670	Change or Response Type Code	M ID 2/2	AI Add Additional Item(s) DI Delete Item(s) RZ Replace All Values
POC 05	355	Unit or Basis for Measurement code	M ID 2/2	EA Each
POC 06	212	Unit Price	C R 1/17	
POC 08	235	Product/Service ID Qualifier	C I D 2/2	EN European Article Number (EAN) (2-5-5-1) UP U.P.C. Consumer Package Code (1-5-5-1)
POC 09	234	Product/Service ID	CAN 12/13	
POC 10	235	Product/Service ID Qualifier	C ID 2/2	VN Vendor's (Seller's) Item Number
POC 11	234	Product/Service ID	C AN 1/48	Vendor's item/part number
POC 12	235	Product/Service ID Qualifier	C ID 2/2	IN Buyer's Item Number
POC 13	234	Product/Service ID	C NO 7/7	TSC's 7-digit item number

Remark:

Will only be included if the BCH01 value is "04"

Example:

POC*10*A|***EA*33**UP*123456789012*VN*WO88333*IN*1234567~

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	M	>1	2	QTY
0293	9	QTY	M	1	2	Quantity

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

Remark:

Will only be included if the BCH01 value is "04"

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
0030	10	SE	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*189*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	11	GE	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	12	IEA	M	1	0	Interchange Control Trailer

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
IEA01	I16	Number of Included Functional Groups	M N0 1/5	Number of GS Segments within ISA envelope
IEA02	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 DTC Change Log – 860 Purchase Order Change

07/26/2019

- Updated the EDI IDs for Tractor Supply
- Updated Contact Information

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)

DTC 4010 860 EDI GUIDELINE;
1.0; 1

860 / X12 004010

Issue date: 4/5/2017

Print date: 7/26/2019
Page: 16 / 17

Example Data:

Full Order Cancellation:

ST*860*0001~
 BCH*01*SA*9080000713***20190716*****20190716~
 PER*CN*Drop Ship Coordinator*EM*dropshipmc@tractorsupply.com~
 DTM*10*20190717~
 SE*5*0001~

Line Cancellation:

ST*860*0001~
 BCH*04*SA*9080000711***20190716*****20190716~
 PER*CN*Drop Ship Coordinator*EM*dropshipmc@tractorsupply.com~ DTM*010*20140717~
 POC*20*D1****33**UP*123456789012*VN*99JHGH5*IN*1234567~
 QTY*A5*2*EA~
 SE*7*0001~

Replace all values (Change):

ST*860*0001~
 BCH*04*SA*9080000677***20190714*****20190714~
 PER*CN*Drop Ship Coordinator*EM*dropshipmc@tractorsupply.com~
 DTM*010*20190715~
 POC*00010*RZ****33**UP*123456789012*VN*99JHGH5*IN*1234567~
 QTY*A5*2*EA~
 SE*7*0001~

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)