



Message Implementation Guideline

## DTC 4010 855 EDI GUIDELINE

based on

**855**

Purchase Order Acknowledgment

**X12 004010**

Version: 1.3

Issue date: 07/26/2019

Author: TSC

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## 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
Vendor Compliance	<a href="mailto:tsccompliance@tractorsupply.com">tsccompliance@tractorsupply.com</a>	Compliance, Disputes, Chargebacks Etc
AP Portal	<a href="mailto:askAP@tractorsupply.com">askAP@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: 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	<b>ISA</b>	M	1	0	Interchange Control Header
0000	2	<b>GS</b>	C	1	0	Functional Group Header
0010	3	<b>ST</b>	M	1	0	Transaction Set Header
0020	4	<b>BAK</b>	M	1	0	Beginning Segment for Purchase Order Acknowledgment
0040	5	<b>CUR</b>	O	1	0	Currency
0050	6	<b>REF</b>	O	>1	1	Reference Identification
0110	7	<b>CSH</b>	O	1	0	Sales Requirements
0010		<b>PO1</b>	O	100000	1	PO1-PID-ACK
0010	8	<b>PO1</b>	M	1	1	Baseline Item Data
0050		<b>PID</b>	O	1000	2	PID
0050	9	<b>PID</b>	M	1	2	Product/Item Description
0270		<b>ACK</b>	O	104	2	ACK-DTM
0270	10	<b>ACK</b>	M	1	2	Line Item Acknowledgment
0280	11	<b>DTM</b>	O	1	3	Date/Time Reference
0010		<b>CTT</b>	O	1	1	CTT
0010	12	<b>CTT</b>	M	1	1	Transaction Totals
0030	13	<b>SE</b>	M	1	0	Transaction Set Trailer
0000	14	<b>GE</b>	C	1	0	Functional Group Trailer
0000	15	<b>IEA</b>	M	1	0	Interchange Control Trailer

Counter = Counter of segment/group within the standard  
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## Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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0000	1	<b>ISA</b>	M	1	0	Interchange Control Header
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Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
ISA 01	I01	Authorization Information Qualifier	M ID 2/2	
ISA 02	I02	Authorization Information	M AN 10/10	
ISA 03	I03	Security Information Qualifier	M ID 2/2	
ISA 04	I04	Security Information	M AN 10/10	
ISA 05	I05	Interchange ID Qualifier	M ID 2/2	
ISA 06	I06	Interchange Sender ID	M AN 2/15	
ISA 07	I05	Interchange ID Qualifier	M ID 2/2	08
ISA 08	I07	Interchange Receiver ID	M AN 2/15	6120930010 Production 6120930011 Test
ISA 09	I08	Interchange Date	M DT 6/6	
ISA 10	I09	Interchange Time	M TM 4/4	
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 Standard Issued as ANSI X12.5-1997</b>
ISA 13	I12	Interchange Control Number	M N0 9/9	
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>P Production Data</b> <b>T Test Data</b>
ISA 16	I15	Component Element Separator	M AN 1/1	

### Remark:

### Example:

ISA\*00\* \*00\* \*01\*XXXXXXXXX \*08\*6120930010 \*180423\*1316\*U\*00401\*999999999\*0\*P\*>

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
0000	2	<b>GS</b>	C	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>PR Purchase Order Acknowledgement (855)</b>
GS 02	142	Application Sender's Code	M AN 2/15	
GS 03	124	Application Receiver's Code	M AN 2/15	6120930010 Production 6120930011 Test
GS 04	373	Date	M DT 8/8	
GS 05	337	Time	M TM 4/8	
GS 06	28	Group Control Number	M NO 1/9	
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\*PR\*XXXXXX\*6120930010\*20190423\*1316\*1\*X\*004010~

No = Consecutive segment number  
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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>855 Purchase Order Acknowledgment</b>
ST 02	329	Transaction Set Control Number	M AN 4/9	

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

ST\*855\*XXXX~

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	<b>BAK</b>	M	1	0	Beginning Segment for Purchase Order Acknowledgment

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
BAK01	353	Transaction Set Purpose Code	M ID 2/2	<b>00 Original</b>
BAK02	587	Acknowledgment Type	M ID 2/2	<b>RD Reject with Detail</b>
BAK03	324	Purchase Order Number	M AN 1/22	TSC 10-digit purchase order number
BAK04	373	Date	M DT 8/8	

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

BAK\*00\*RD\*9005280000\*20190423~

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Counter	No	Tag	St	MaxOcc	Level	Name
0040	5	<b>CUR</b>	O	1	0	Currency

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
CUR01	98	Entity Identifier Code	M ID 2/2	<b>SE Selling Party</b>
CUR02	100	Currency Code	M ID 3/3	<b>USD US Dollar</b>

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

CUR\*SE\*USD~

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Counter	No	Tag	St	MaxOcc	Level	Name
0050	6	<b>REF</b>	M	>1	1	Reference Identification

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/2	<b>IA Internal Vendor Number</b>
REF 02	127	Reference Identification	M AN 6/6	TSC Vendor Number
REF 03	352	Description	O AN 1/80	

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

REF\*IA\*808888\*ABC Company~

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Counter	No	Tag	St	MaxOcc	Level	Name
0110	7	<b>CSH</b>	O	1	0	Sales Requirements

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
CSH01	563	Sales Requirement Code	O ID 1/1	<b>N No Back Order</b>

**Remark:**

**Example:**

CSH\*N~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		<b>PO1</b>	O	100000	1	<b>PO1-PID-ACK</b>
0010	8	<b>PO1</b>	M	1	1	<b>Baseline Item Data</b>

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
PO1 01	350	Assigned Identification	O AN 1/20	EDI line number from the 850.
PO1 02	330	Quantity Ordered	M R 1/15	
PO1 03	355	Unit or Basis for Measurement Code	M ID 2/2	<b>EA Each</b>
PO1 04	212	Unit Price	M R 1/17	Populate with the unit cost (NOT the retail)
PO1 06	235	Product/Service ID Qualifier	M ID 2/2	<b>UP U.P.C. Consumer Package Code (1-5-5-1)</b> <b>EN European Article Number (EAN) (2-5-5-1)</b>
PO1 07	234	Product/Service ID	M AN 12/13	
PO1 08	235	Product/Service ID Qualifier	M ID 2/2	<b>VN Vendor's (Seller's) Item Number</b>
PO1 09	234	Product/Service ID	M AN 1/48	
PO1 10	235	Product/Service ID Qualifier	M ID 2/2	<b>IN Buyer's Item Number</b>
PO1 11	234	Product/Service ID	M AN 7/7	TSC's 7-digit SKU

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

PO1\*1\*9\*EA\*15\*\*UP\*123456789012\*VN\*ABC123\*IN\*1234567~

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
0050		<b>PID</b>	O	1000	2	<b>PID</b>
0050	9	<b>PID</b>	M	1	2	<b>Product/Item Description</b>

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
PID 01	349	Item Description Type	M ID 1/1	<b>F Free-Form</b>
PID 05	352	Description	C AN 1/80	

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

PID\*F\*\*\*\*\*Item Description

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Counter	No	Tag	St	MaxOcc	Level	Name
	0270	<b>ACK</b>	M	104	2	<b>ACK</b>
	0270	10 <b>ACK</b>	M	1	2	<b>Line Item Acknowledgment</b>

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
ACK01	668	Line Item Status Code	M ID 2/2	<b>IR Item Rejected</b>
ACK02	380	Quantity	M R 1/15	This is the quantity rejected. Do not send zeros. TSC does not accept a reject quantity of zero.
ACK03	355	Unit or Basis for Measurement code	M ID 2/2	<b>EA Each</b>

**Remark:**

Full line item rejections. TSC does not accept partial line item rejections.

**Example:**

ACK\*IR\*9\*EA~

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
0010		<b>CTT</b>	O	1	1	CTT
0010	12	<b>CTT</b>	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	

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

CTT\*1~

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
0030	13	<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	

**Remark:**

**Example:**

SE\*147\*XXXX~

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
0000	14	<b>GE</b>	C	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	
GE 02	28	Group Control Number	M N0 1/9	

**Remark:**

**Example:**

GE\*1\*1~

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	15	<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	
IEA 02	I12	Interchange Control Number	M N0 9/9	

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

IEA\*1\*999999999~

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### TSC DTC Change Log – 855 Purchase Order Acknowledgment

01/02/2013

- PO110, Added qualifier EN for 13-digit item numbers
- ACK02 and ACK03 are mandatory

04/18/2013

- Added examples of the two types of 855 cancellations.

04/24/2013

- PO106, 07, 08, 09, 10, and 11 are mandatory

06/21/2013

- PO106 changed to UP or EN
- PO110 changed to INITD, 01, 07, 12 changed to Mandatory. ITD03 and 05 added as conditional

02/20/2014

- ACK02 Do not send zero quantities. You cannot reject a quantity of zero. In order to reject a quantity, there must be a value.

07/26/2019

- Updated the EDI IDs for Tractor Supply
- CTT01 Only
- Corrected Contact Information

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## Example Data:

ISA\*00\* \*00\* \*01\*001110024D \*08\*6120930010 \*190409\*0915\*U\*00401\*100007780\*0\*P\*> ~  
GS\*PR\*001110024D \*6120930010\*20190409\*0915\*29\*X\*004010~  
ST\*855\*0001~  
BAK\*00\*RD\*9900830576\*20190408~  
REF\*IA\*880110~  
PO1\*10\*1\*EA\*18.97\*\*UP\*000001240181\*VN\*0012331\*IN\*0245961~  
PID\*F\*\*\* CHARCOAL  
ACK\*IR\*1\*EA~ THIS QUANTITY HAS TO BE GREATER THAN ZERO  
CTT\*1~  
SE\*8\*0001~  
GE\*1\*29~  
IEA\*1\*100007780~

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