Message Implementation Guideline

DTC 4010 855 EDI GUIDELINE 1.4

based on

855
Purchase Order Acknowledgment

X12 004010

Version: 1
Variant: 1
Issue date: 12/2/2022
Author: TSC

1 Message Structure 3

3 Segments 4

Generated by GEFEG.FX

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
Accounts Payable	vpi@tractorsupply.com	Payment Status Assistance
Vendor Compliance	tsccompliance@tractorsupply.com	Compliance, Disputes, Chargebacks Etc
AP Portal	apex@ap.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.

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Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	**ISA**	M	1	0	Interchange Control Header
0000	2	**GS**	C	1	0	Functional Group Header
0010	3	**ST**	M	1	0	Transaction Set Header
0020	4	**BAK**	M	1	0	Beginning Segment for Purchase Order Acknowledgment
0040	5	**CUR**	O	1	0	Currency
0050	6	**REF**	O	>1	1	Reference Identification
0110	7	**CSH**	O	1	0	Sales Requirements
0010		**PO1**	O	100000	1	PO1-PID-ACK
0010	8	**PO1**	M	1	1	Baseline Item Data
0050		**PID**	O	1000	2	PID
0050	9	**PID**	M	1	2	Product/Item Description
0270		**ACK**	M	104	2	ACK
0270	10	**ACK**	M	1	2	Line Item Acknowledgment
0010		**CTT**	O	1	1	CTT
0010	11	**CTT**	M	1	1	Transaction Totals
0030	12	**SE**	M	1	0	Transaction Set Trailer
0000	13	**GE**	C	1	0	Functional Group Trailer
0000	14	**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)

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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	
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 15/15	
ISA 07	I05	Interchange ID Qualifier	M	ID 2/2	08
ISA 08	I07	Interchange Receiver ID	M	AN 15/15	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	**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	
ISA 14	I13	Acknowledgment Requested	M	ID 1/1	**0 No Acknowledgment Requested**
ISA 15	I14	Usage Indicator	M	ID 1/1	**P Production Data** **T Test Data**
ISA 16	I15	Component Element Separator	M	AN 1/1	

Remark:

Example:

```
ISA*00*          *00*          *01*XXXXXXXXXXXXXXX*01*XXXXXXXXXXXXXXX*180423*1316*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**	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	**PR Purchase Order Acknowledgement (855)**
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	N0 1/9	
GS 07	455	Responsible Agency Code	M	ID 1/2	**X Accredited Standards Committee X12**
GS 08	480	Version / Release / Industry Identifier Code	M	AN 1/12	**004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997**

Remark:

Example:

```
GS*PR*XX*XX*20180423*1316*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)

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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	**855 Purchase Order Acknowledgment**
ST 02	329	Transaction Set Control Number	M	AN 4/9	

Remark:

Example:
```
ST*855*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)

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Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	**BAK**	M	1	0	**Beginning Segment for Purchase Order Acknowledgment**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
BAK 01	353	Transaction Set Purpose Code	M	ID 2/2	**00 Original**
BAK 02	587	Acknowledgment Type	M	ID 2/2	AT - Full Acceptance of PO, RD - Partial Acceptance of PO, RJ - Rejection of PO **AT Accepted** **RD Reject with Detail** **RJ Rejected - No Detail**
BAK 03	324	Purchase Order Number	M	AN 1/22	TSC 10-digit Purchase Order number
BAK 04	373	Date	M	DT 8/8	

Remark:
AT - Full Acceptance of PO, RD - Partial Acceptance of PO, RJ - Rejection of PO

Example:
```
BAK*00*AT*X*20180423~
```

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
0040	5	**CUR**	O	1	0	**Currency**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
CUR 01	98	Entity Identifier Code	M	ID 2/3	**SE Selling Party**
CUR 02	100	Currency Code	M	ID 3/3	**USD US Dollar**

Remark:

Example:

```
CUR*SE*USD~
```

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)

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Counter	No	Tag	St	MaxOcc	Level	Name
0050	6	**REF**	O	>1	1	**Reference Identification**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M	ID 2/3	**IA Internal Vendor Number**
REF 02	127	Reference Identification	C	AN 1/30	TSC Vendor Number
REF 03	352	Description	O	AN 1/80	

Remark:

Example:

```
REF*IA*802385*ABC Company~
```

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)

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Counter	No	Tag	St	MaxOcc	Level	Name
0110	7	**CSH**	O	1	0	**Sales Requirements**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
CSH 01	563	Sales Requirement Code	O	ID 1/2	**N No Back Order**

Remark:

Example:

```
CSH*N~
```

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

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	**EA Each**
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	**EN European Article Number (EAN) (2-5-5-1)** **UP U.P.C. Consumer Package Code (1-5-5-1)**
PO1 07	234	Product/Service ID	M	AN 1/48	
PO1 08	235	Product/Service ID Qualifier	M	ID 2/2	**VN Vendor's (Seller's) Item Number**
PO1 09	234	Product/Service ID	M	AN 1/48	
PO1 10	235	Product/Service ID Qualifier	M	ID 2/2	**IN Buyer's Item Number**
PO1 11	234	Product/Service ID	M	AN 1/48	TSC's 7-digit SKU

Remark:

Example:

```
PO1*X*9*EA*9**EN*X*VN*X*IN*X~
```

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)

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Counter	No	Tag	St	MaxOcc	Level	Name
0050		**PID**	O	1000	2	**PID**
0050	9	**PID**	M	1	2	**Product/Item Description**

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

Remark:

Example:

```
PID*F****X~
```

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
0270		**ACK**	M	104	2	**ACK**
0270	10	**ACK**	M	1	2	**Line Item Acknowledgment**

Standard			Implementation		
Ref.	Tag	Name	St	Format	Usage / Remark
ACK 01	668	Line Item Status Code	M	ID 2/2	**IA Item Accepted** **IR Item Rejected**
ACK 02	380	Quantity	M	R 1/15	This is the quantity. Do not send zeros. TSC does not accept a Reject quantity of zero.
ACK 03	355	Unit or Basis for Measurement Code	M	ID 2/2	**EA Each**
ACK 04	374	Date/Time Qualifier	O	ID 3/3	**068 Current Schedule Ship**
ACK 05	373	Date	C	DT 8/8	

Remark:
Full Line item rejections. TSC does not accept partial line item rejections.

Example:
```
ACK*IA*9*EA*068*20221202~
```

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**	O	1	1	**CTT**
0010	11	**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	

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)

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Counter	No	Tag	St	MaxOcc	Level	Name
0030	12	**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	

Remark:

Example:
```
SE*147*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	13	**GE**	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~
```

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)

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	14	**IEA**	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~
```

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)

Generated by GEFEG.FX

TSC DTC Change Log – 855 Purchase Order

01/02/2013
- PO110, Added qualifier EN for 13 digit item numbers

01/25/2013
- Added example data to last page of documentation.

11/21/2014
- Updated information for LTL shipments.
    - PWK segment
    - DTM segment

06/06/2017
- REF01 changed to maximum of 2 characters. REF02 changed to Mandatory
- CSH changed to Mandatory
- ITD, 01, 07, 12 changed to Mandatory. ITD03 and 05 added as conditional
- DTM changed to Mandatory
- PWK changed to Conditional, PWK02 changed to Mandatory when PWK included
- TD5 changed to Mandatory, TD501, 02, 03, 04 and 12 changed to Mandatory
- TD4 changed to Conditional
- N102, 03 and 04 changed to Mandatory, N104 changed to maximum of 4 characters
- Added N302 as conditional
- N4 changed to Mandatory. N101, 02, 03 and 04 changed to Mandatory
- PER changed to Mandatory. PER02, 03, 04, 05 and 06 changed to Mandatory
- PO102, 03, 04, 06, 07, 08, 09, 10 and 11 changed to Mandatory.
- CTP02 and 03 changed to Mandatory
- PID05 changed to Mandatory

07/26/2019
- Updated the EDI ID's for Tractor Supply
- CTT01 Only
- Corrected Contact information

08/05/2022
- Updated to include Acceptance an Partial Acceptance indicators (AT and RD)

12/2/2022
- Added ACK 04 and ACK 05

09/05/2023
- Added sample data

Example Data:

1. **Acceptance of PO (code AT)**

ISA*00* 00 ZZ*RDSTSTVENDOR1 *08*6120930011 *230726*0835*U*00401*100000012*0*T>~
GS*PR*RDSTSTVENDOR1*6120930011*20230726*0835*1012*X*004010~
ST*855*1012~
BAK*00*AT*9005062226*20230717~
CUR*SE*USD~
REF*IA*800058*Test Vendor For UAT~
CSH*N~
PO1*10*1*EA*80.0**UP*889359266257*VN*10020059*IN*1362056~
PID*F****Ariat Men's Groundbreaker Wide Square Toe Work Boot,10020059~
ACK*IA*1*EA~
CTT*1*1*20.0*LB*8*CF*TEST PO ACK FOR 9005062226~
SE*10*1012~
GE*1*1012~
IEA*1*100000012~

2. **Partial Acceptance of PO (code RD) – One time accepted and One time Rejected**

ISA*00* 00 ZZ*RDSTSTVENDOR1 *08*6120930011 *230809*0940*U*00401*100000024*0*T>~
GS*PR*RDSTSTVENDOR1*6120930011*20230809*0940*1024*X*004010~
ST*855*1024~
BAK*00*RD*9005062399*20230807~
REF*IA*800058~
CSH*N~
PO1*10*1*EA*80.0**UP*889359266271*VN*10020059*IN*1362058~
PID*F****Ariat Men's Groundbreaker Wide Square Toe Work Boot,10020059~
ACK*IA*1*EA~
PO1*20*1*EA*80.0**UP*889359266257*VN*10020059*IN*1362056~
PID*F****Ariat Men's Groundbreaker Wide Square Toe Work Boot,10020059~
ACK*IR*1*EA~
CTT*2*2~
SE*12*1024~
GE*1*1024~
IEA*1*100000024~

3. **Rejection of PO (code RJ)**

ISA*00* 00 ZZ*RDSTSTVENDOR1 *08*6120930011 *230726*0835*U*00401*100000012*0*T>~
GS*PR*RDSTSTVENDOR1*6120930011*20230726*0835*1012*X*004010~
ST*855*1012~
BAK*00*RJ*9005062226*20230717~
CUR*SE*USD~
REF*IA*800058*Test Vendor For UAT~
CSH*N~
PO1*10*1*EA*80.0**UP*889359266257*VN*10020059*IN*1362056~
PID*F****Ariat Men's Groundbreaker Wide Square Toe Work Boot,10020059~
ACK*IR*1*EA~
CTT*1*1*20.0*LB*8*CF*TEST PO ACK FOR 9005062226~
SE*10*1012~
GE*1*1012~
IEA*1*100000012~