



Message Implementation Guideline

STORE/DC 4010 855 EDI GUIDELINE

based on

855

Purchase Order Acknowledgment

X12 004010

Version: 1

Issue date: 10/25/2017

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	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: 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	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	BAK	M	1	0	Beginning Segment for Purchase Order Acknowledgment
0050	5	REF	M	>1	1	Reference Identification
0150	6	DTM	M	10	1	Date/Time Reference
0300		N1	M	200	1	N1
0300	7	N1	M	1	1	Name
0010		PO1	M	100000	1	PO1
0010	8	PO1	M	1	1	Baseline Item Data
0010		CTT	M	1	1	CTT
0010	9	CTT	M	1	1	Transaction Totals
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
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 O=Optional, F=Floating, D=Dependent, A=Advised,
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Segments

Counter	No	Tag	St	MaxOcc	Level	Name
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0000	1	ISA	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	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	
ISA 06	I06	Interchange Sender ID	M AN 15/15	
ISA 07	I05	Interchange ID Qualifier	M ID 2/2	08 UCC EDI Communications ID (Comm ID)
ISA 08	I07	Interchange Receiver ID	M AN 15/15	Production 6120930014 Test 6120930015
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 vendor assigned, unique sequential interchange control number
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	HEX "6E" (>)

Remark:

Example:

```
ISA*00*          *00*          *01*XXXXXXXXXXXXX*08*6120930015          *171004*1013*U*00401*000000001*0*
T*>
```

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Counter	No	Tag	St	MaxOcc	Level	Name
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0000	2	GS	M	1	0	Functional Group Header
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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	This should be the same value in the ISA06. If any other value is to be sent, it must be agreed upon between the TSC EDI Coordinator and the vendor prior to usage.
GS 03	124	Application Receiver's Code	M AN 2/15	Production 6120930014 Test 6120930015
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	The vendor assigned, unique sequential group control number
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*XXXXXXXXXXXXXXXX*6120930015*20171004*1013*1*X*004010~

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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
ST01	143	Transaction Set Identifier Code	M ID 3/3	855 Purchase Order Acknowledgment
ST02	329	Transaction Set Control Number	M AN 4/9	The vendor assigned, sequential transaction set control number per each transaction set for each receiver

Remark:**Example:**

ST*855*XXXX~

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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	AP Acknowledge - Product Replenishment
BAK 03	324	Purchase Order Number	M AN 10/10	TSC's pre-assigned, 10 digit PO number
BAK 04	373	Date	M DT 8/8	CCYYMMDD

Remark:**Example:**

BAK*00*AP*XXXXXXXXXX*20171004~

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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 Internal Vendor Number
REF 02	127	Reference Identification	M AN 6/6	TSC assigned, 6 digit vendor number

Remark:**Example:**

REF*IA*XXXXXX~

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Counter	No	Tag	St	MaxOcc	Level	Name
0150	6	DTM	M	10	1	Date/Time Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
DTM01	374	Date/Time Qualifier	M ID 3/3	002 Delivery Requested
DTM02	373	Date	M DT 8/8	CCYYMMDD

Remark:**Example:**

DTM*002*20171004~

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Counter	No	Tag	St	MaxOcc	Level	Name
0300		N1	M	200	1	N1
0300	7	N1	M	1	1	Name

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/2	BY Buying Party (Purchaser)
N1 03	66	Identification Code Qualifier	M ID 2/2	92 Assigned by Buyer or Buyer's Agent
N1 04	67	Identification Code	M AN 4/4	TSC 4 digit Store/DC number

Remark:**Example:**

N1*BY**92*0111~

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		PO1	M	100000	1	PO1
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	Line item number
PO1 02	330	Quantity Ordered	M R 1/15	Number of units ordered
PO1 03	355	Unit or Basis for Measurement Code	M ID 2/2	
PO1 04	212	Unit Price	M R 1/17	Two decimal places maximum
PO1 06	235	Product/Service ID Qualifier	M ID 2/2	IN Buyer's Item Number
PO1 07	234	Product/Service ID	M AN 7/7	TSC's 7 digit SKU
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	Vendor item number
PO1 10	235	Product/Service ID Qualifier	M ID 2/2	UP U.P.C. Consumer Package Code (1-5-5-1)
PO1 11	234	Product/Service ID	M AN 12/13	

Remark:**Example:**

PO1*10*1*EA*5.99**IN*1234567*VN*123-456*UP*123456789423~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0010		CTT	M	1	1	CTT
0010	9	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 PO1 segments

Remark:

Example:

CTT*1~

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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	Total number of included segments
SE 02	329	Transaction Set Control Number	M AN 4/9	Must amtc ST02 value

Remark:**Example:**

SE*8*XXXX~

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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	Total group transaction sets
GE 02	28	Group Control Number	M N0 1/9	Must match GS06

Remark:

Example:

GE*1*1~

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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
IEA 01	I16	Number of Included Functional Groups	M N0 1/5	Total number of GS segments
IEA 02	I12	Interchange Control Number	M N0 9/9	Must match ISA13 value

Remark:**Example:**

IEA*1*000000001~

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TSC Store/DC Change Log – 855 Purchase Order Acknowledgement

Example Data

ISA*00* *00* *12*1234608252 *08*6120930015
 *171004*1011*U*00401*000001436*0*T*> ~
 GS*PR*1234608252*6120930015*20171004*1011*1436*X*004010~
 ST*855*0001~
 BAK*00*AP*1019460175*20171002~
 REF*IA*500001~
 DTM*002*20171010~
 N1*BY*TSC*92*0790~
 PO1*10*15*BG*14.3**IN*1234942*VN*1222*UP*987494123553~
 PO1*20*15*EA*12.44**IN*1235968*VN*1223*UP*987491266441~
 PO1*30*30*EA*13.24**IN*1236844*VN*1224*UP*987491276458~
 PO1*40*30*EA*8.43**IN*1237121*VN*1225*UP*987493129004~
 CTT*4~
 SE*11*0001~
 GE*1*1436~
 IEA*1*000001436~

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