



Message Implementation Guideline

## STORE/DC & DTC 4010 864 EDI GUIDELINE

based on

**864**

Text Message

**X12 004010**

Version: 1.0

Issue date: 03/09/2021

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
EDI Team	<a href="mailto:edicoordinator@tractorsupply.com">edicoordinator@tractorsupply.com</a>
DropShipMC	<a href="mailto:dropshipmc@tractorsupply.com">dropshipmc@tractorsupply.com</a>
Accounts Payable	<a href="mailto:AskAP@TractorsSupply.com">AskAP@TractorsSupply.com</a>
Vendor Compliance	<a href="mailto:tsccompliance@tractorsupply.com">tsccompliance@tractorsupply.com</a>

### EDI Information

**Standard:** ANSI X12  
**Version:** 004010

#### **Terminator and Separators**

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

Test EDI Qualifier: 08

Test EDI ID: 6120930015

ISA15: T

Production EDI Qualifier: 08

Production EDI ID: 6120930014

ISA15: P

#### ISA ID DTC/eCom:

Test EDI Qualifier: 08

Test EDI ID: 6120930011

ISA15: T

Production EDI Qualifier: 08

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Production EDI ID: 6120930010

ISA15: P

**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.

This document will provide the error details for the invoice errors in TSC application across the Store DC and Drop Ship programs, and ASN errors for Store DC. All invoice errors have to be corrected and documents must be retransmitted. Please do not resend any ASN documents that have already failed.

## 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>BMG</b>	M	1	0	Beginning Segment For Text Message
0030	5	<b>DTM</b>	O	10	1	Date/Time Reference
0040		<b>N1</b>	O	200	1	N1-REF
0040	6	<b>N1</b>	M	1	1	Name
0080	7	<b>REF</b>	O	12	2	Reference Identification
0010		<b>MIT</b>	M	>1	1	MIT-MSG
0010	8	<b>MIT</b>	M	1	1	Message Identification
0080	9	<b>MSG</b>	M	100000	2	Message Text
0010	10	<b>SE</b>	M	1	0	Transaction Set Trailer
0000	11	<b>GE</b>	C	1	0	Functional Group Trailer
0000	12	<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
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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
ISA01	I01	Authorization Information Qualifier	M ID 2/2	00
ISA02	I02	Authorization Information	M AN 10/10	Ten Blanks
ISA03	I03	Security Information Qualifier	M ID 2/2	00
ISA04	I04	Security Information	M AN 10/10	Ten Blanks
ISA05	I05	Interchange ID Qualifier	M ID 2/2	08 UCC EDI Communications ID (Comm ID)
ISA06	I06	Interchange Sender ID	M AN 15/15	6120930014 Production SDC 6120930015 Test SDC 6120930010 Production DTC 6120930011 Test DTC
ISA07	I05	Interchange ID Qualifier	M ID 2/2	
ISA08	I07	Interchange Receiver ID	M AN 15/15	
ISA09	I08	Interchange Date	M DT 6/6	
ISA10	I09	Interchange Time	M TM 4/4	
ISA11	I10	Interchange Control Standards Identifier	M ID 1/1	U U.S. EDI Community of ASC X12, TDCC, and UCS
ISA12	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
ISA13	I12	Interchange Control Number	M N0 9/9	The interchange control number will be incremented up by 1 for each sent transmission
ISA14	I13	Acknowledgment Requested	M ID 1/1	0
ISA15	I14	Usage Indicator	M ID 1/1	T/P Test or Production
ISA16	I15	Component Element Separator	M AN 1/1	HEX "6E">{>}

### Remark:

### Example:

```
ISA*00*          *00*          *08*6120930015  *01*123456789  *180430*0957*U*00401*999999999*0*T*~>
```

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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
GS01	479	Functional Identifier Code	M ID 2/2	<b>TX Text</b>
GS02	142	Application Sender's Code	M AN 2/15	<b>6120930014 Production</b> <b>6120930015 Test</b> <b>6120930010 Production</b> <b>6120930011 Test</b>
GS03	124	Application Receiver's Code	M AN 2/15	
GS04	373	Date	M DT 8/8	<b>CCYYMMDD</b>
GS05	337	Time	M TM 4/8	
GS06	28	Group Control Number	M NO 1/9	<b>This is assigned sequentially with in each group for each receiver.</b>
GS07	455	Responsible Agency Code	M ID 1/2	<b>X Accredited Standards Committee X12</b>
GS08	480	Version / Release / Industry Identifier Code	M AN 1/12	<b>004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997</b>

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

GS\*TX\*6120930015\*123456789\*20180430\*0957\*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	864 "TEXT MESSAGE"
ST 02	329	Transaction Set Control Number	M AN 4/9	

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

ST\*864\*XXXX~

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	<b>BMG</b>	M	1	0	Beginning Segment For Text Message

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
BMG01	353	Transaction Set Purpose Code	M ID 2/2	"44" = <b>REJECTION</b>
BMG02	352	Description	O AN 1/80	<b>"REJECTED.INVOICES SHOULD BE RESENT. DONOT RESEND ASN, CORRECT THEM GOING FORWARD"</b>

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

BMG\*44\*REJECTED.INVOICES SHOULD BE RESENT. DONOT RESEND ASN, CORRECT THEM GOING FORWARD.

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

St = Status (M=Mandatory, R=Required, C=Conditional,  
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Counter	No	Tag	St	MaxOcc	Level	Name
0030	5	<b>DTM</b>	O	10	1	Date/Time Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
DTM01	374	Date/Time Qualifier	M ID 3/3	<b>003</b> Current Date
DTM02	373	Date	C DT 8/8	CCYYMMDD

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

DTM\*003\*20180430~

No = Consecutive segment number  
 MaxOcc = Maximum occurrence of the segment/group  
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Counter	No	Tag	St	MaxOcc	Level	Name
0040		<b>N1</b>	O	200	1	<b>N1-REF</b>
0040	6	<b>N1</b>	M	1	1	<b>Name</b>

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/3	<b>ST Ship To</b>
N1 02	93	Name	C AN 1/60	<b>"Tractor Supply CO."</b>
N1 03	66	Identification Code Qualifier	C ID 1/2	<b>92 Assigned by Buyer or Buyer's Agent</b>
N1 04	67	Identification Code	C AN 2/80	<b>4 DIGIT TSC STORE/DC CODE</b> <b>NOTE: If the Store/DC number is 3 digits, a leading 0 should be used.</b>

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

N1\*ST\*Tractor Supply CO\*92\*0120~

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
0040		<b>N1</b>	O	200	1	<b>N1-REF</b>
0080	7	<b>REF</b>	O	12	2	<b>Reference Identification</b>

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
REF 01	128	Reference Identification Qualifier	M ID 2/3	<b>PO Purchase Order Number</b> <b>IA Internal Vendor Number</b> <b>IK Invoice Number</b> <b>CR Customer Reference Number</b> <b>Note: REF*PO, REF*IA, REF*IK will always be sent</b>
REF 02	127	Reference Identification	C AN 1/30	

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

REF\*PO\*1234567890~  
 REF\*IA\*500000  
 REF\*IK\*INV1234

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

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		MIT	M	>1	1	MIT-MSG
0010	8	MIT	M	1	1	Message Identification

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
MIT 01	127	Reference Identification	M AN 1/30	IN SH
MIT 02	352	Description	M AN 1/80	Invoice number ASN Shipment ID

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

MIT\*IN\*987654321~

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

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 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>MIT</b>	M	>1	1	<b>MIT-MSG</b>
0080	9	<b>MSG</b>	M	100000	2	<b>Message Text</b>

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
MSG01	933	Free-Form Message Text	M AN 1/264	

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

MSG\*HANDLING UNIT 00000000000000000018 ALREADY IN EXISTENCE~

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

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Counter	No	Tag	St	MaxOcc	Level	Name
0010	10	<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\*18\*XXXX~

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

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	11	<b>GE</b>	C	1	0	Functional Group Trailer

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
GE01	97	Number of Transaction Sets Included	M N0 1/6	Number of ST segments within GS envelope
GE02	28	Group Control Number	M N0 1/9	Must match GS06 value.

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

GE\*1\*1~

No = Consecutive segment number  
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Counter	No	Tag	St	MaxOcc	Level	Name
0000	12	<b>IEA</b>	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 Envelopes within the ISA envelope
IEA02	I12	Interchange Control Number	M N0 9/9	Must match ISA13 value

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

IEA\*1\*999999999~

No = Consecutive segment number  
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 S=Situational, X=Not used, N=Not recommended)

**864 (Text Message) sample data:**

ISA\*00\* \*00\* \*08\*6120930015 \*12\*6163962063  
 \*190515\*1508\*U\*00401\*0000000035\*0\*T\*>~  
 GS\*TX\*6120930015\*6163962063\*190515\*15082665\*4\*X\*004010~  
 ST\*864\*0004~  
 BMG\*44\*REJECTED. INVOICES SHOULD BE RESENT. DONOT  
 RESEND ASN, CORRECT THEM GOING FORWARD.~  
 DTM\*003\*20190515~  
 N1\*ST\*Tractor Supply CO. \*92\*1233~  
 REF\*PO\*1234567890~  
 REF\*IA\*500000~  
 REF\*IK\*12345~  
 REF\*CR\*23455~  
 MIT\*IN\*987654321~  
 MSG\* THE TOTAL OF THE INVOICE IN TDS 01 IS 0~  
 SE\*11\*0004~  
 GE\*1\*4~  
 IEA\*1\*0000000035~

**864 Change Log:**

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

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