



Message Implementation Guideline

DTC 4010 870 EDI GUIDELINE

based on

870

Order Status Report

X12 004010

Version: 1.0

Issue date: 2/12/2019

Author: TSC

TSC CONTACTS AND SUMMARY	
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870 Sample Data:	
TSC 870 Change Log	

TSC CONTACTS AND SUMMARY

Contact Information

TSC Store Support Center
5401 Virginia Way
Brentwood, TN 37027
USA

ISSUES / QUESTIONS	CONTACT
EDI Team	AS2 Connectivity: edicoordinator@tractorsupply.com
DropShipMC	Vendor Requirements please contact the drop ship coordinator at dropshipmc@tractorsupply.com
Accounts Payable	vpi@tractorsupply.com
Vendor Compliance	tsccompliance@tractorsupply.com
AP Portal	apex@ap.tractorsupply.com

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.

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	C	1	0	Functional Group Header
0010	3	ST	M	1	0	Transaction Set Header
0020	4	BSR	M	1	0	Beginning Segment for Order Status Report
0045	5	DTM	O	10	1	Date/Time Reference
0046		REF	O	>1	1	REF
0046	6	REF	M	1	1	Reference Identification
0050		N1	O	200	1	N1-N3-N4
0050	7	N1	M	1	1	Name
0070	8	N3	O	2	2	Address Information
0080	9	N4	O	1	2	Geographic Location
0010		HL	M	1000	1	HL-PRF-ISR-PO1
0010	10	HL	M	1	1	Hierarchical Level
0020	11	PRF	O	1	2	Purchase Order Reference
0030		ISR	O	104	2	ISR
0030	12	ISR	M	1	2	Item Status Report
0150		PO1	O	1000	2	PO1-PID-ISR
0150	13	PO1	M	1	2	Baseline Item Data
0180	14	PID	O	1000	3	Product/Item Description
0210		ISR	O	104	3	ISR-PID-QTY
0210	15	ISR	M	1	3	Item Status Report
0230	17	QTY	O	4	4	Quantity
0010	18	CTT	O	1	0	Transaction Totals
0020	19	SE	M	1	0	Transaction Set Trailer
0000	20	GE	C	1	0	Functional Group Trailer
0000	21	IEA	M	1	0	Interchange Control Trailer

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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
ISA 02	I02	Authorization Information	M AN 10/10	
ISA 03	I03	Security Information Qualifier	M ID 2/2	00
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 UCC EDI Communications ID (Comm ID)
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	
ISA 15	I14	Usage Indicator	M ID 1/1	
ISA 16	I15	Component Element Separator	M AN 1/1	

Remark:

Example:

ISA*00* *00* *01*XXXXXXXXXXXXXXXX*01*XXXXXXXXXXXXXXXX*190125*1338*U*00401*999999999*0*
P*:

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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	RS Order Status Information
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*AA*XX*XX*20190125*1338*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	870
ST02	329	Transaction Set Control Number	M AN 4/9	

Remark:**Example:**

ST*870*XXXX

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Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	BSR	M	1	0	Beginning Segment for Order Status Report

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
BSR 01	850	Status Report Code	M ID 1/2	3 Unsolicited Report
BSR 02	847	Order/Item Code	M ID 1/2	PA Selected Orders - All Items
BSR 03	127	Reference Identification	M AN 1/30	
BSR 04	373	Date	M DT 8/8	
BSR 11	353	Transaction Set Purpose Code	O ID 2/2	00 Original 04 Change

Remark:**Example:**

BSR*3*PA*X*20190125*****00

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Counter	No	Tag	St	MaxOcc	Level	Name
0045	5	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	068 Current Schedule Ship
DTM02	373	Date	C DT 8/8	

Remark:**Example:**

DTM*068*20190127

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Counter	No	Tag	St	MaxOcc	Level	Name
0046		REF	O	>1	1	REF
0046	6	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	C AN 6/6	

Remark:**Example:**

REF*IA*X

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Counter	No	Tag	St	MaxOcc	Level	Name
0050		N1	O	200	1	N1-N3-N4
0050	7	N1	M	1	1	Name

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/3	SF Ship From ST Ship To BT Bill To
N1 02	93	Name	C AN 1/60	
N1 03	66	Identification Code Qualifier	C ID 1/2	92
N1 04	67	Identification Code	C AN 2/80	5509 for Bill To 9999 for Ship To

Remark:**Example:**

N1*SF*X*1*XX

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Counter	No	Tag	St	MaxOcc	Level	Name
0050		N1	O	200	1	N1-N3-N4
0070	8	N3	O	2	2	Address Information

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N3 01	166	Address Information	M AN 1/55	

Remark:

Example:

N3 *X

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Counter	No	Tag	St	MaxOcc	Level	Name
0050		N1	O	200	1	N1-N3-N4
0080	9	N4	O	1	2	Geographic Location

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N4 01	19	City Name	O AN 2/30	
N4 02	156	State or Province Code	O ID 2/2	
N4 03	116	Postal Code	O ID 3/15	
N4 04	26	Country Code	O ID 2/3	

Remark:**Example:**

N4*XX*XX*XXX*AD

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	1000	1	HL-PRF-ISR-PO1
0010	10	HL	M	1	1	Hierarchical Level

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
HL01	628	Hierarchical ID Number	M AN 1/12	
HL03	735	Hierarchical Level Code	M ID 1/2	O Order

Remark:**Example:**

HL*X**O

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Counter	No	Tag	St	MaxOcc	Level	Name
0010		HL	M	1000	1	HL-PRF-ISR-PO1
0020	11	PRF	O	1	2	Purchase Order Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
PRF 01	324	Purchase Order Number	M AN 10/10	
PRF 04	373	Date	O DT 8/8	

Remark:**Example:**

PRF*X***20190125

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Counter	No	Tag	St	MaxOcc	Level	Name
0030		ISR	O	104	2	ISR
0030	12	ISR	M	1	2	Item Status Report

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
ISR 01	368	Shipment/Order Status Code	M ID 2/2	ED Expect to Ship By (Date)
ISR 02	373	Date	O DT 8/8	
ISR 03	641	Status Reason Code	O ID 3/3	

Remark:**Example:**

ISR*ED*20190125*001

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Counter	No	Tag	St	MaxOcc	Level	Name
0150		PO1	O	1000	2	PO1-PID-ISR
0150	13	PO1	M	1	2	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	C R 1/17	Populate with the unit cost (NOT the retail)
PO1 06	235	Product/Service ID Qualifier	M ID 2/2	UP U.P.C. Consumer Package Code (1-5-5-1)
PO1 07	234	Product/Service ID	C AN 1/48	
PO1 08	235	Product/Service ID Qualifier	C ID 2/2	VN Vendor's (Seller's) Item Number
PO1 09	234	Product/Service ID	C 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	C AN 1/48	

Remark:**Example:**

PO1*X*9*EA*9*AA*UP*X*VN*X*IN*X

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Counter	No	Tag	St	MaxOcc	Level	Name
0150		PO1	O	1000	2	PO1-PID-ISR
0180	14	PID	O	1000	3	Product/Item Description

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

Remark:**Example:**

PID*F****X

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Counter	No	Tag	St	MaxOcc	Level	Name
0210		ISR	O	104	3	ISR-PID-QTY
0210	15	ISR	M	1	3	Item Status Report

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
ISR 01	368	Shipment/Order Status Code	M ID 2/2	ED Expect to Ship By (Date)
ISR 02	373	Date	O DT 8/8	
ISR 03	641	Status Reason Code	O ID 3/3	

Remark:**Example:**

ISR*ED*20190125*001

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Counter	No	Tag	St	MaxOcc	Level	Name
0210		ISR	O	104	3	ISR-PID-QTY
0230	17	QTY	O	4	4	Quantity

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

Remark:**Example:**

QTY*01*9*01

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Counter	No	Tag	St	MaxOcc	Level	Name
0010	18	CTT	O	1	0	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~

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Counter	No	Tag	St	MaxOcc	Level	Name
0020	19	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*66*XXXX~

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	20	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~

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	21	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~

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DTC 870 Sample Data:

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870 Change Log:

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