



Message Implementation Guideline

4010 180 EDI GUIDELINE

based on

180

Return Merchandise Authorization and Notification

X12 004010

Version: 1.0
Variant: 1
Issue date: 12/16/2017
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
EDI Team	edicoordinator@tractorsupply.com
DropShipMC	dropshipmc@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	BGN	M	1	0	Beginning Segment
	0040	5	PRF	M	1	0	Purchase Order Reference
	0060	6	N9	M	10	1	Reference Identification
	0080	7	SAC	C	10	1	Service, Promotion, Allowance, or Charge Information
[0010		BLI	M	>1	1	BLI-N9-RDR-AMT-PRF
	0010	8	BLI	M	1	1	Baseline Item Data
	0011	9	N9	M	20	2	Reference Identification
	0030	10	RDR	M	1	2	Return Disposition Reason
	0042	11	AMT	M	>1	2	Monetary Amount
	0050	12	PRF	M	1	2	Purchase Order Reference
	0230	13	SE	M	1	0	Transaction Set Trailer
	0000	14	GE	C	1	0	Functional Group Trailer
	0000	15	IEA	M	1	0	Interchange Control Trailer

Counter = Counter of segment/group within the standard
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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	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	
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	
ISA 08	I07	Interchange Receiver ID	M AN 15/15	
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*012345678901234*08*6120930010*171216*1017*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	AN Return Merchandise Authorization and Notification (180)
GS 02	142	Application Sender's Code	M AN 2/15	
GS 03	124	Application Receiver's Code	M AN 2/15	
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 1/2	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*AN*012345678901234*6120930010*20171216*1017*1*X*004010~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
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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	180 Return Merchandise Authorization and Notification
ST 02	329	Transaction Set Control Number	M AN 4/9	

Remark:**Example:**

ST*180*012345678~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0020	4	BGN	M	1	0	Beginning Segment

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
BGN 01	353	Transaction Set Purpose Code	M ID 2/2	00 Original
BGN 02	127	Reference Identification	M AN 1/30	For Inbound 180 to TSC, this field should be the same value as BGN02 on the outbound 180 from TSC.
BGN 03	373	Date	M DT 8/8	
BGN 04	337	Time	C TM 4/8	

Remark:**Example:**

BGN*00*XXXXXXXXXX*20171216*0959~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0040	5	PRF	M	1	0	Purchase Order Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
PRF 01	324	Purchase Order Number	M AN 1/22	

Remark:

Example:

PRF*XXXXXXXXXX~

No = Consecutive segment number
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St = Status (M=Mandatory, R=Required, C=Conditional,
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Counter	No	Tag	St	MaxOcc	Level	Name
0060	6	N9	M	10	1	Reference Identification

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N9 01	128	Reference Identification Qualifier	M ID 2/3	IA Internal Vendor Number
N9 02	127	Reference Identification	C AN 1/30	

Remark:

N9 segment is Mandatory as the Vendor ID is required

Example:

N9*IA*XXXXXXXXXX~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0080	7	SAC	C	10	1	Service, Promotion, Allowance, or Charge Information

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
SAC 01	248	Allowance or Charge Indicator	M ID 1/1	C Charge A Allowance
SAC 02	1300	Service, Promotion, Allowance, or Charge Code	C ID 4/4	G470 Restocking Charge D240 Freight
SAC 05	610	Amount	O N2 1/15	Please Note Amount is Implied Decimal
SAC 13	127	Reference Identification	C AN 1/30	

Remark:**Example:**

SAC*A*D240***12345678901234*****XXXXXXXXXX~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0010		BLI	M	>1	1	BLI-N9-RDR-AMT-PRF
0010	8	BLI	M	1	1	Baseline Item Data

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
BLI 01	235	Product/Service ID Qualifier	M ID 2/2	IN Buyer's Item Number
BLI 02	234	Product/Service ID	M AN 1/48	
BLI 03	380	Quantity	O R 1/15	
BLI 04	355	Unit or Basis for Measurement Code	O ID 2/2	EA Each
BLI 05	236	Price Identifier Code	C ID 3/3	UCP Unit cost price
BLI 06	212	Unit Price	C R 1/17	Please Note Unit Price is Implied Decimal
BLI 08	235	Product/Service ID Qualifier	C ID 2/2	VN Vendor's (Seller's) Item Number
BLI 09	234	Product/Service ID	C AN 1/48	
BLI 10	235	Product/Service ID Qualifier	C ID 2/2	UP U.P.C. Consumer Package Code (1-5-5-1)
BLI 11	234	Product/Service ID	C AN 1/48	

Remark:**Example:**

BLI*IN*XXXXXXXXXX*999999999*EA*UCP*1234567890123456**VN*XXXXXXXXXX*UP*XXXXXXXXXXXX~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
0010		BLI	M	>1	1	BLI-N9-RDR-AMT-PRF
0011	9	N9	M	20	2	Reference Identification

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
N9 01	128	Reference Identification Qualifier	M ID 2/3	LI Line Item Identifier (Seller's)
N9 02	127	Reference Identification	C AN 1/30	

Remark:**Example:**

N9*LI*XXXXXXXXXX~

No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group
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Counter	No	Tag	St	MaxOcc	Level	Name
0010		BLI	M	>1	1	BLI-N9-RDR-AMT-PRF
0030	10	RDR	M	1	2	Return Disposition Reason

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
RDR 01	1292	Returns Disposition Code	O ID 2/2	CR Consumer Return to Vendor
RDR 02	1293	Return Request Reason Code	C ID 2/2	CO Customer Ordering Error CV Color Variance DA Damaged Product DI Discontinued Product DM Defective Merchandise or Store Inspection DR Defective Merchandise or Returned by Consumer DT Damaged In Transit NA Not as Expected PF Poor Fit PS Product Spoiled PW Poor Workmanship SP Shipped past Cancel Date ST Style Problem WG Wrong Goods or Not Ordered

Remark:

Example:

RDR*CR*CO~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
0010		BLI	M	>1	1	BLI-N9-RDR-AMT-PRF
0042	11	AMT	M	>1	2	Monetary Amount

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
AMT 01	522	Amount Qualifier Code	M ID 1/3	1 Line Item Total
AMT 02	782	Monetary Amount	M R 1/18	Please note Line Item Amount is Implied Decimal

Remark:**Example:**

AMT*1*12345678901234567~

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

Counter	No	Tag	St	MaxOcc	Level	Name
0010		BLI	M	>1	1	BLI-N9-RDR-AMT-PRF
0050	12	PRF	M	1	2	Purchase Order Reference

Standard			Implementation	
Ref.	Tag	Name	St Format	Usage / Remark
PRF 01	324	Purchase Order Number	M AN 1/22	
PRF 05	350	Assigned Identification	O AN 1/20	

Remark:**Example:**

PRF*XXXXXXXXXX***XXXXXXXXXXXX~

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Counter	No	Tag	St	MaxOcc	Level	Name
0230	13	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*57*XXXX~

No = Consecutive segment number
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Counter	No	Tag	St	MaxOcc	Level	Name
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0000	14	GE	C	1	0	Functional Group Trailer
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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*0*9~

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Counter	No	Tag	St	MaxOcc	Level	Name
0000	15	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*0*999999999~

No = Consecutive segment number
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180 Sample Data:

ISA*00* *00* *12*6163962063 *08*6120930010
 *171213*1508*U*00401*000000035*0*P*> ~
 GS*AN*6163962063*6120930010*20171213*15082665*4*X*004010~
 ST*180*0004~
 BGN*00*5004501956*20171220*1618~
 PRF*9004502074~
 N9*IA*800011~
 SAC*A*D240***500*****20~
 SAC*A*G470***999*****20~
 BLI*IN*1115518*1*EA*UCP*8930*****UP*12685255620~
 N9*LI*1~
 RDR*CR*DM~
 AMT*1*8930~
 PRF*9004502074*****10~
 SE*12*0004~
 GE*1*4~
 IEA*1*000000035~

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TSC DTC Change Log – 180 Return Merchandise Authorization and Notification

1. Updated EDI ID for EDI 180 to 08/6120930010 (6120930011 – TEST)

No = Consecutive segment number
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