Message Implementation Guideline

4010 812 EDI GUIDELINE

based on

812
Credit/Debit Adjustment

X12 004010

Version: 4010
Variant: 1.1
Issue date: 9/5/2023
Author: TSC

Generated by GEFEG.FX

Structure / Table of Contents

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
Vendor Compliance	tsccompliance@tractorsupply.com	Compliance, Disputes, Chargebacks Etc
AP Portal	askAP@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 DTC: 6120930011
Test EDI ID SDC: 6120930015
ISA15: T

Production EDI Qualifier: 08
Production EDI ID DTC: 6120930010
Production EDI ID SDC: 6120930014
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.

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	**BCD**	M	1	0	Beginning Credit/Debit Adjustment
0030	5	**CUR**	O	1	0	Currency
0040	6	**N9**	M	>1	1	Reference Identification
0097	7	**SAC**	O	25	1	Service, Promotion, Allowance, or Charge Information
0100		**N1**	M	200	1	N1-AMT
0100	8	**N1**	M	1	1	Name
0152	9	**AMT**	O	10	2	Monetary Amount
0160		**CDD**	O	>1	1	CDD-LIN-N9
0160	10	**CDD**	M	1	1	Credit/Debit Adjustment Detail
0170	11	**LIN**	M	1	2	Item Identification
0200	12	**N9**	O	>1	2	Reference Identification
0270	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

Tag	
St	MaxOcc
No	
Counter	

Tag = Segment/Group Tag
St = Status (M=Mandatory, R=Required, C=Conditional, O=Optional, F=Floating, D=Dependent, A=Advised, S=Situational, X=Not used, N=Not recommended)
MaxOcc = Maximum occurrence of the segment/group
No = Consecutive segment number, Counter = Counter of segment/group within the standard

Segments

Counter	No	Tag	St	MaxOcc	Level	Name
0000	1	**ISA**	M	1	0	**Interchange Control Header**

Standard			Implementation	
Ref.	Id	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**
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*          *08*XXXXXXXXXXXXXXXX*08*XXXXXXXXXXXXXXXX*220711*1620*U*00400*99999999
9*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.	Id	Name	St Format	Usage / Remark
GS 01	479	Functional Identifier Code	M ID 2/2	**CD Credit/Debit Adjustment (812)**
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 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*CD*XX*XX*20220711*1620*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)

Counter	No	Tag	St	MaxOcc	Level	Name
0010	3	**ST**	M	1	0	**Transaction Set Header**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
ST 01	143	Transaction Set Identifier Code	M ID 3/3	**812 Credit/Debit Adjustment**
ST 02	329	Transaction Set Control Number	M AN 4/9	

Remark:

Example:
```
ST*812*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
0020	4	**BCD**	M	1	0	**Beginning Credit/Debit Adjustment**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
BCD 01	373	Date	M DT 8/8	
BCD 02	475	Credit/Debit Adjustment Number	M AN 1/22	Debit Memo Number
BCD 03	305	Transaction Handling Code	M ID 1/2	**B Debit/Credit Advice No Remittance Detail**
BCD 04	610	Amount	M N2 1/15	
BCD 05	478	Credit/Debit Flag Code	M ID 1/1	**D Debit**
BCD 07	76	Invoice Number	C AN 1/22	Invoice number for a PO or Voucher ID in case of returns
BCD 10	324	Purchase Order Number	C AN 1/22	TSC PO Number
BCD 12	640	Transaction Type Code	O ID 2/2	**DR Debit Memo**

Remark:
In case of debit memo for returns/defective merchandise - BCD01 will be return date and BCD07 will be voucher ID
NA will be sent on in the BCD 02 when the 812 is manually created by Vendor Funding.

Example:
```
BCD*20220711*232345*B*9*D**232***12133**DR~
```

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

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
CUR 01	98	Entity Identifier Code	M ID 2/3	**BY Buying Party (Purchaser)**
CUR 02	100	Currency Code		**USD US Dollar**

Remark:

Example:

```
CUR*BY*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)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0040	6	**N9**	M	>1	1	**Reference Identification**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N9 01	128	Reference Identification Qualifier	M ID 2/3	**IA Internal Vendor Number** **ST Store Number**
N9 02	127	Reference Identification	M AN 1/30	Tsc Assigned Store/DC or Dropship Vendor ID
N9 03	369	Free-form Description	O AN 1/45	Free Form

Remark:
IA will have the TSC assigned vendor ID and ST will contain Store Number. ST is optional but IA always will be sent.

Example:
```
N9*IA*802385*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
0097	7	**SAC**	O	25	1	**Service, Promotion, Allowance, or Charge Information**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
SAC 01	248	Allowance or Charge Indicator	M ID 1/1	**A Allowance** **C Charge**
SAC 02	1300	Service, Promotion, Allowance, or Charge Code	C ID 4/4	**A170 Adjustments** **C310 Discount** **D240 Freight** **D500 Handling**
SAC 05	610	Amount	O N2 1/15	

Remark:

Example:
```
SAC*A*A010***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)

Counter	No	Tag	St	MaxOcc	Level	Name
0100		**N1**	M	200	1	**N1-AMT**
0100	8	**N1**	M	1	1	**Name**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N1 01	98	Entity Identifier Code	M ID 2/3	**PE Payee** **PR Payer**
N1 02	93	Name	C AN 1/60	PR = Tractor Supply Co. PE = Vendor Name

Remark:

Example:

```
N1*PE*X~
N1*PR*Tractor Supply Co.~
```

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

Counter	No	Tag	St	MaxOcc	Level	Name
0100		**N1**	M	200	1	**N1-AMT**
0152	9	**AMT**	O	10	2	**Monetary Amount**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
AMT 01	522	Amount Qualifier Code	M ID 1/3	**NP Net to Pay Total**
AMT 02	782	Monetary Amount	M R 1/18	Total Amount in Debit Memo

Remark:

Example:
```
AMT*NP*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)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0160		**CDD**	O	>1	1	**CDD-LIN-N9**
0160	10	**CDD**	M	1	1	**Credit/Debit Adjustment Detail**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
CDD 01	426	Adjustment Reason Code	M ID 2/2	**01 Pricing Error** **ZZ Mutually Defined** **06 Quantity Contested** **11 Returns – Damage** **72 Authorized Return** **AQ Returns – Overstock** **AS Returns – Discontinued** **C2 Special Allowance** **F1 Defective**
CDD 02	478	Credit/Debit Flag Code	M ID 1/1	**D Debit**
CDD 03	350	Assigned Identification	O AN 1/20	
CDD 04	610	Amount	C N2 1/15	Difference Amount
CDD 07	477	Credit/Debit Quantity	C R 1/10	Difference in Voucher to Recd Quantity
CDD 09	427	Unit Price Difference	C R 1/15	Difference in Voucher to PO price
CDD 10	236	Price Identifier Code	C ID 3/3	**OPP Original Purchase Order Price**
CDD 11	212	Unit Price	C R 1/17	PO Price
CDD 12	236	Price Identifier Code	C ID 3/3	**INV Invoice Billing Price**
CDD 13	212	Unit Price	C R 1/17	Invoice/Voucher Price

Remark:

Example:

```
CDD*01*D*X*9***9**9*OPP*9*INV*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)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0160		**CDD**	O	>1	1	**CDD-LIN-N9**
0170	11	**LIN**	M	1	2	**Item Identification**

Standard			Implementation		
Ref.	Id	Name	St	Format	Usage / Remark
LIN 01	350	Assigned Identification	O	AN 1/20	
LIN 02	235	Product/Service ID Qualifier	C	ID 2/2	**UP U.P.C. Consumer Package Code (1-5-5-1)**
LIN 03	234	Product/Service ID	C	AN 1/48	UPC Number
LIN 04	235	Product/Service ID Qualifier	C	ID 2/2	**VN Vendor's (Seller's) Item Number**
LIN 05	234	Product/Service ID	C	AN 1/48	Vendor Part Number
LIN 06	235	Product/Service ID Qualifier	C	ID 2/2	**IN Buyer's Item Number**
LIN 07	234	Product/Service ID	C	AN 1/48	TSC SKU

Remark:
Incase of Special Order Po's – UPC is mandatory while for other Po's TSC SKU will be sent

Example:
```
LIN*X*UP*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)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0160		**CDD**	O	>1	1	**CDD-LIN-N9**
0200	12	**N9**	O	>1	2	**Reference Identification**

Standard			Implementation	
Ref.	Id	Name	St Format	Usage / Remark
N9 01	128	Reference Identification Qualifier	M ID 2/3	**ZZ Mutually Defined**
N9 02	127	Reference Identification	C AN 1/30	Item Description

Remark:

Example:
N9*ZZ*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)

Generated by GEFEG.FX

Counter	No	Tag	St	MaxOcc	Level	Name
0270	13	**SE**	M	1	0	**Transaction Set Trailer**

Standard			Implementation	
Ref.	Id	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*36*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	14	**GE**	C	1	0	**Functional Group Trailer**

Standard			Implementation	
Ref.	Id	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)

Counter	No	Tag	St	MaxOcc	Level	Name
0000	15	**IEA**	M	1	0	**Interchange Control Trailer**

Standard			Implementation		
Ref.	Id	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

Change Log

1. 08/15 - Created new EDI 812 spec

Sample Data

```
ISA*00*          *00*          *08*6120930014      *08*6000000000      *230901*1546*U*00401*001447201*0*P*>~
GS*CD*6120930014*6113290000*20230901*1546*1732*X*004010~
ST*812*0001~
BCD*20230827*9330087652*B*420*D**236734934*****DR~
CUR*BY*USD~
N9*IA*500000~
N9*ST*1721~
N1*PR*Tractor Supply Co~
N1*PE*Trading Partner~
AMT*NP*4.20~
CDD*01*D*1035098078*420***0.0**4.2*OPP*27.00*INV*31.20~
LIN****VN*102808-498*IN*1319018~
N9*ZZ*CH MNS RUGGED FLX DUNGREE JN 4~
SE*12*0001~
GE*1*1732~
IEA*1*001447201~
```