CVS/Caremark

Implementation Guide

812 – Credit/Debit Adjustment

Version X12-4010

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812

Credit/Debit Adjustment

Functional Group=CD

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Credit/Debit Adjustment Transaction Set (812) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to notify a trading partner of an adjustment or billback and may be used to request an adjustment or billback. It identifies and contains the details and amounts covering exceptions, adjustments, credits, or debits for goods or services. This transaction set is multi-directional between trading partners.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BCD	Beginning Credit/Debit Adjustment	M	1		N1/020	Must use
040	N9	Reference Identification	O	>1			Used
070	DTM	Date/Time Reference	O	>1			Used
LOOP ID - N1					**200**		
100	N1	Name	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CDD					**>1**		
160	CDD	Credit/Debit Adjustment Detail	O	1			Must use
170	LIN	Item Identification	O	1			Used
180	PO4	Item Physical Details	O	1			Used
200	N9	Reference Identification	O	>1			Used
270	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/020   BCD05 indicates whether the net of the detail is a credit or a debit.

ISA   Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use
Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Authorization Information

CodeList Summary (Total Codes: 7, Included: 1)

Code	Name
00	No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA02	I02	**Authorization Information**	M	AN	10/10	Must use

Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

ISA03	I03	**Security Information Qualifier**	M	ID	2/2	Must use

Description: Code to identify the type of information in the Security Information

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
00	No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA04	I04	**Security Information**	M	AN	10/10	Must use

Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 1)

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use

Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 38, Included: 1)

Code	Name
08	UCC EDI Communications ID (Comm ID)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15	Must use

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route

data to them

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

Description: Date of the interchange

ISA10	I09	**Interchange Time**	M	TM	4/4	Must use

Description: Time of the interchange

ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1	Must use

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer
All valid standard codes are used. (Total Codes: 1)

ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 14, Included: 1)

Code	Name
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use

Description: Code sent by the sender to request an interchange acknowledgment (TA1)

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
0	No Acknowledgment Requested

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information

CodeList Summary (Total Codes: 3, Included: 1)

Code	Name
T	Test Data

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**
ISA16	I15	**Component Element Separator**	M		1/1	Must use

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

GS   **Functional Group Header**

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 8**

User Option (Usage): Must use
Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 240, Included: 1)

Code	Name
CD	Credit/Debit Adjustment (812)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use

Description: Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use

Description: Code identifying party receiving transmission; codes agreed to by trading partners

GS04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

GS05	337	**Time**	M	TM	4/8	Must use

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06	28	**Group Control Number**	M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 39, Included: 1)

Code	Name
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.

3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST   Transaction Set Header

Pos: 010	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use
Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 298, Included: 1)

Code	Name
812	Credit/Debit Adjustment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BCD   Beginning Credit/Debit Adjustment

Pos: 020	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 10**

User Option (Usage): Must use

Purpose: To transmit identifying dates and numbers for the transaction set and indicate the monetary value to the receiver of the transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD01	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD02	475	**Credit/Debit Adjustment Number**	M	AN	1/22	Must use

Description: Number assigned by issuer of a credit or debit memo

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD03	305	**Transaction Handling Code**	M	ID	1/2	Must use

Description: Code designating the action to be taken by all parties

CodeList Summary (Total Codes: 23, Included: 1)

Code	Name
A	Off Invoice (Deduction from Original Invoice)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD04	610	**Amount**	M	N2	1/15	Must use

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD05	478	**Credit/Debit Flag Code**	M	ID	1/1	Must use

Description: Code indicating whether amount is a credit or debit

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
C	Credit
D	Debit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD06	373	**Date**	O	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD07	76	**Invoice Number**	X	AN	1/22	Must use

Description: Identifying number assigned by issuer

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD09	373	**Date**	O	DT	8/8	Used

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD10	324	**Purchase Order Number**	X	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD12	640	**Transaction Type Code**	O	ID	2/2	Must use

Description: Code specifying the type of transaction

CodeList Summary (Total Codes: 446, Included: 1)

Code	Name
DR	Debit Memo
CR	Credit Memo

Syntax Rules:

1. R071014 - At least one of BCD07, BCD10 or BCD14 is required.

2. P1314 - If either BCD13 or BCD14 is present, then the other is required.

Semantics:

1. BCD01 is the credit/debit adjustment date.
2. BCD04 is the net amount of this complete transaction.
3. BCD06 is the invoice date.
4. BCD09 is the purchase order date.

Comments:

1. If using BCD07 or BCD10, do not use BCD14 to identify invoice number or purchase order number.
2. For BCD11, only codes 00, 05, 06, 07, and 15 are permitted to be used.

N9   Reference Identification

Pos: 040   Max: >1
Heading - Optional
Loop: N/A   Elements: 2

User Option (Usage): Must use
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
VR	Vendor ID Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	X	AN	1/30	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
Pay Vendor

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

DTM   Date/Time Reference

<table>
<tr><td>Pos: 070</td><td>Max: >1</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use
Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1112, Included: 1)

Code	Name
007	Effective

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	X	DT	8/8	Must use

Description: Date expressed as CCYYMMDD
Effective Date

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Loop Name

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
100	N1	Name	M	1		Must use

N1   **Name**

<div style="float:right; border:1px solid black;">

Pos: 100   **Max: 1**
Heading - Mandatory
Loop: N1   **Elements: 4**

</div>

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 1)

Code	Name
BY	Buying Party (Purchaser)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Must use

Description: Free-form name

N103	66	**Identification Code Qualifier**	X	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
1	D-U-N-S Number, Dun & Bradstreet

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Must use

Description: Code identifying a party or other code
Duns Number

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Loop Credit/Debit Adjustment Detail

<table>
<tr><td>Pos: 160</td><td>Repeat: >1</td></tr>
<tr><td colspan="2" align="center">Optional</td></tr>
<tr><td>Loop: CDD</td><td>Elements: N/A</td></tr>
</table>

User Option (Usage): Must use
Purpose: To provide information relative to a line item adjustment

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
160	CDD	Credit/Debit Adjustment Detail	O	1		Must use
170	LIN	Item Identification	O	1		Used
180	PO4	Item Physical Details	O	1		Used
200	N9	Reference Identification	O	>1		Used

CDD Credit/Debit Adjustment Detail

Pos: 160	**Max: 1**
Detail - Optional	
Loop: CDD	**Elements: 8**

User Option (Usage): Must use
Purpose: To provide information relative to a line item adjustment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD01	426	**Adjustment Reason Code**	M	ID	2/2	Must use

Description: Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment

CodeList Summary (Total Codes: 370, Included: 3)

Code	Name
01	Pricing Error
02	Allowance/Charge Error
03	Extension Error
06	Quantity Contested
10	Pallet/Container Charge Error
54	Freight Deducted
55	Tax Deducted
59	Item not received

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD02	478	**Credit/Debit Flag Code**	M	ID	1/1	Must use

Description: Code indicating whether amount is a credit or debit

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
C	Credit
D	Debit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD03	350	**Assigned Identification**	O	AN	1/20	Must use

Description: Alphanumeric characters assigned for differentiation within a transaction set

CDD04	610	**Amount**	X	N2	1/15	Must use

Description: Monetary amount

CDD07	477	**Credit/Debit Quantity**	X	R	1/10	Must use

Description: Number of supplier units credited or debited

CDD08	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 794, Included: 1)

Code	Name
PC	Piece

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD10	236	**Price Identifier Code**	X	ID	3/3	Must use

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 164, Included: 1)

Code	Name
OPP	Original Purchase Order Price

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD11	212	**Unit Price**	X	R	1/17	Must use

Description: Price per unit of product, service, commodity, etc.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD12	236	**Price Identifier Code**	X	ID	3/3	Must use

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 164, Included: 1)

Code	Name
INV	Invoice Billing Price

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD13	212	**Unit Price**	X	R	1/17	Used

Description: Price per unit of product, service, commodity, etc.

Syntax Rules:

1. R0407 - At least one of CDD04 or CDD07 is required.
2. C0711 - If CDD07 is present, then CDD11 is required.
3. P0708 - If either CDD07 or CDD08 is present, then the other is required.
4. P1011 - If either CDD10 or CDD11 is present, then the other is required.
5. P1213 - If either CDD12 or CDD13 is present, then the other is required.

Semantics:

1. CDD05 is the code indicating whether adjustment is for returned goods. A "Y" confirms that the adjustment is for returned goods.

Comments:

1. If comparison pricing is used, then CDD12 and CDD13 are required.

LIN   Item Identification

User Option (Usage): Must use
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use

> **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

> **CodeList Summary** (Total Codes: 477, Included: 1)

Code	Name
PI	Purchaser's Item Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use

> **Description:** Identifying number for a product or service

LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Must use

> **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

> **CodeList Summary** (Total Codes: 477, Included: 1)

Code	Name
UI	U.P.C. Consumer Package Code (1-5-5)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN05	234	**Product/Service ID**	X	AN	1/48	Must use

> **Description:** Identifying number for a product or service

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

PO4　Item Physical Details

User Option (Usage): Used
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	**Pack**	O	N0	1/6	Must use

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

N9 Reference Identification

Pos: 200   Max: >1
Detail - Optional
Loop: CDD   Elements: 2

User Option (Usage): Must use
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1504, Included: 2)

Code	Name
IA	Internal Vendor Number
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	X	AN	1/30	Must use

Description: Reference information as defined for a particular Transaction Set or as specified by the
Reference Identification Qualifier
PO Vendor Number
Item Description

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

SE   Transaction Set Trailer

Pos: 270	**Max: 1**
Detail - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

    Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

    Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Comments:

1. SE is the last segment of each transaction set.

GE   Functional Group Trailer

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use
Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use

      Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE02	28	**Group Control Number**	M	N0	1/9	Must use

      Description: Assigned number originated and maintained by the sender

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA   Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use
Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use

Description: A count of the number of functional groups included in an interchange

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use

Description: A control number assigned by the interchange sender

812 – Credit/Debit Adjustment Example v4010:

```
ISA*00*         *00*         *01*001786664     *ZZ*Vendor ID*091110*1123*U*00401*000005717*0*T*^~
GS*CD*001786664*Vendor ID*20091110*1123*21*X*004010~
ST*812*0601~
BCD*20091110*00738131V*A*108501*C*20090908*00738131**20090831*3137739**DR~
N9*VR*9999~
DTM*007*20091106~
N1*BY*CVS/PHARMACY*1*001786664~
CDD*01*C*00001*34***0*PC**OPP*3.73*INV*3.73~
LIN**PI*199999*UI*00099999999999~
PO4*12~
N9*IA*9999~
N9*ZZ*Item Description~
CDD*01*C*00002*5***0*PC**OPP*4.974*INV*4.974~
LIN**PI*999999*UI*09999999999999~
PO4*12~
N9*IA*9999~
N9*ZZ*Item Description~
CDD*01*C*00003*2***0*PC**OPP*9.61*INV*9.61~
LIN**PI*999999*UI*99999999999999~
PO4*12~
N9*IA*9999~
N9*ZZ*Item Description~
CDD*01*C*00004*10***0*PC**OPP*7.051*INV*7.051~
LIN**PI*999999*UI*00099999999999~
PO4*12~
N9*IA*9999~
N9*ZZ*Item Description~
CDD*01*C*00005*34***0*PC**OPP*9.61*INV*9.61~
LIN**PI*399999*UI*00099999999999~
PO4*12~
N9*IA*9999~
N9*ZZ*Item Description~
CDD*01*C*00006*72***0*PC**OPP*3.73*INV*3.73~
LIN**PI*999999*UI*00099999999999~
PO4*24~
N9*IA*9999~
N9*ZZ*Item Description~
CDD*01*C*00007*38***0*PC**OPP*3.73*INV*3.73~
LIN**PI*199999*UI*00099999999999~
PO4*24~
N9*IA*9999~
N9*ZZ*Item Description~
CDD*06*C*00008*110520***216*PC**OPP*5.12*INV*5.116~
LIN**PI*299999*UI*00099999999999~
PO4*12~
N9*IA*9999~
N9*ZZ*Item Description~
SE*46*0601~
GE*43*21~
IEA*1*000005717~
```