812 Credit/Debit Adjustment

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Notes:

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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.

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
097	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Used
LOOP ID - N1					**200**		
100	N1	Name	M	1			Must use
110	N2	Additional Name Information	O	2			Used
120	N3	Address Information	O	2			Used
130	N4	Geographic Location	O	1			Used

Detail:

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

Notes:

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

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

      All valid standard codes are used. (Total Codes: 298)

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).

User Note 1:

The IEI Credit Memo may contain only summary charges, with no line item detail. in the IEI system, credits may be applied at the total level only. If this will cause a problem in the customer system, please alert the EDI team during testing.

Credit Memos may only be sent to customers once approved by the IEI Credit Department.

BCD Beginning Credit/Debit Adjustment

Pos: 020   **Max: 1**
Heading - Mandatory
Loop: N/A   **Elements: 7**

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				
BCD02	475	**Credit/Debit Adjustment Number**	M	AN	1/22	Must use
		Description: Number assigned by issuer of a credit or debit memo				
BCD03	305	**Transaction Handling Code**	M	ID	1/2	Must use
		Description: Code designating the action to be taken by all parties				
		All valid standard codes are used. (Total Codes: 23)				
BCD04	610	**Amount**	M	N2	1/15	Must use
		Description: Monetary amount				
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD06	373	**Date**	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
BCD07	76	**Invoice Number**	X	AN	1/22	Used
		Description: Identifying number assigned by issuer				

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: 7**

User Option (Usage): Used

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
All valid standard codes are used. (Total Codes: 1503)

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

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N903	369	**Free-form Description**	X	AN	1/45	Used

Description: Free-form descriptive text

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N904	373	**Date**	O	DT	8/8	Used

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N905	337	**Time**	X	TM	4/8	Used

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N906	623	**Time Code**	O	ID	2/2	Used

Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow
All valid standard codes are used. (Total Codes: 51)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N907	C040	**Reference Identifier**	O	Comp		Used

Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N907-01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification
All valid standard codes are used. (Total Codes: 1503)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N907-02	127	**Reference Identification**	M	AN	1/30	Must use

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N907-03	128	**Reference Identification Qualifier**	X	ID	2/3	Used

Description: Code qualifying the Reference Identification
All valid standard codes are used. (Total Codes: 1503)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N907-04	127	**Reference Identification**	X	AN	1/30	Used

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N907-05	128	**Reference Identification Qualifier**	X	ID	2/3	Used

Description: Code qualifying the Reference Identification
All valid standard codes are used. (Total Codes: 1503)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N907-06	127	**Reference Identification**	X	AN	1/30	Used

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

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.

SAC Service, Promotion, Allowance, or Charge Information

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

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

Code	Name
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID	4/4	Used

Description: Code identifying the service, promotion, allowance, or charge

CodeList Summary (Total Codes: 1053, Included: 4)

Code	Name
D240	Freight
E063	Invoice Additional Amount
G330	Rental Charge
H740	Tax - Sales and Use

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount**	O	N2	1/15	Used

Description: Monetary amount

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase

order or invoice quantity.

6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.

7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.

8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.

2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

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
110	N2	Additional Name Information	O	2		Used
120	N3	Address Information	O	2		Used
130	N4	Geographic Location	O	1		Used

N1 Name

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: 3)

Code	Name
RI	Remit To
ST	Ship To
VN	Vendor

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

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

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

CodeList Summary (Total Codes: 215, Included: 3)

Code	Name
1	D-U-N-S Number, Dun & Bradstreet
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
92	Assigned by Buyer or Buyer's Agent

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

Description: Code identifying a party or other code

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.

N2 Additional Name Information

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				

N3 Address Information

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Must use
		Description: Address information				
N302	166	**Address Information**	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	**Postal Code**	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	**Country Code**	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

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): Used

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		Used
170	LIN	Item Identification	O	1		Used
200	N9	Reference Identification	O	>1		Used

CDD Credit/Debit Adjustment Detail

Pos: 160	**Max: 1**
Detail - Optional	
Loop: CDD	**Elements: 7**

User Option (Usage): Used

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: 2)

Code	Name
81	Credit as Agreed
GG	Unsalable Merchandise

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD04	610	**Amount**	X	N2	1/15	Used

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD07	477	**Credit/Debit Quantity**	X	R	1/10	Used

Description: Number of supplier units credited or debited

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD08	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used

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
EA	Each

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

Description: Code identifying pricing specification

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

Code	Name
UCP	Unit cost price

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CDD11	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): Used

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: 2)

Code	Name
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UP	U.P.C. Consumer Package Code (1-5-5-1)

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN04	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

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
VN	Vendor's (Seller's) Item Number

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

Description: Identifying number for a product or service

User Note 1: *Ingram item number*

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.

N9 Reference Identification

User Option (Usage): Used

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
IK	Invoice Number

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

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

User Note 1: *Customer PO number*

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.