

812 DSD Credit/Debit Adjustment

ANSI X12-4010

Vendor Implementation Guide

Document Version 1.1

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812 Credit/Debit Adjustment

Functional Group ID=**CD**

Introduction:

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 multidirectional between trading partners.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BCD	Beginning Credit/Debit Adjustment	M	1		n1
Must Use	040	N9	Reference Identification	O	>1		
Must Use	070	DTM	Date/Time Reference	O	>1		
	097	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
LOOP ID - N1						200	
M	100	N1	Name	M	1		
Must Use	152	AMT	Monetary Amount	O	10		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - CDD						>1	
M	160	CDD	Credit/Debit Adjustment Detail	M	1		
Must Use	170	LIN	Item Identification	O	1		
Must Use	190	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Must Use	200	N9	Reference Identification	O	>1		
M	270	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

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

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 812 Credit/Debit Adjustment	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **BCD** Beginning Credit/Debit Adjustment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying dates and numbers for the transaction set and indicate the monetary value to the receiver of the transaction
Syntax Notes: 1 At least one of BCD07 BCD10 or BCD14 is required.
 2 If either BCD13 or BCD14 is present, then the other is required.
Semantic Notes: 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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BCD01	373	Date Date expressed as CCYYMMDD	M DT 8/8
M	BCD02	475	Credit/Debit Adjustment Number Number assigned by issuer of a credit or debit memo	M AN 1/22
M	BCD03	305	Transaction Handling Code Code designating the action to be taken by all parties A Off Invoice (Deduction from Original Invoice)	M ID 1/2
M	BCD04	610	Amount Monetary amount	M N2 1/15
M	BCD05	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit C Credit	M ID 1/1
	BCD06	373	Date Date expressed as CCYYMMDD	O DT 8/8
	BCD07	76	Invoice Number Identifying number assigned by issuer	X AN 1/22
	BCD09	373	Date Date expressed as CCYYMMDD	O DT 8/8
	BCD12	640	Transaction Type Code Code specifying the type of transaction CR Credit Memo DR Debit Memo	O ID 2/2

Segment: N9 Reference Identification
Position: 040
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: >1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification VR Vendor ID Number	M ID 2/3
	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Pay Vendor	X AN 1/30

Segment: **DTM** Date/Time Reference
Position: 070
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			007 Effective	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
			Effective Date	

Segment: SAC Service, Promotion, Allowance, or Charge Information
Position: 097
Loop:
Level: Heading
Usage: Optional
Max Use: 25
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
 - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 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. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 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.

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
M	SAC01	248	Allowance or Charge Indicator	M ID 1/1
			Code which indicates an allowance or charge for the service specified	
			A Allowance	
	SAC02	1300	Service, Promotion, Allowance, or Charge Code	X ID 4/4
			Code identifying the service, promotion, allowance, or charge	
			C310 Discount	
	SAC05	610	Amount	O N2 1/15
			Monetary amount	
			Discount Amount	

Segment: N1 Name
Position: 100
Loop: N1 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

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

Semantic Notes:
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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BY Buying Party (Purchaser)	
	N102	93 Name	X AN 1/60
		Free-form name	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
		DUNS Number	

Segment: **AMT** Monetary Amount
Position: 152
Loop: N1 Mandatory
Level: Heading
Usage: Optional (Must Use)
Max Use: 10
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Code to qualify amount 5 Total Invoice Amount	M ID 1/3
M	AMT02	782	Monetary Amount Monetary amount Invoice Amount	M R 1/18

Segment:	CDD Credit/Debit Adjustment Detail
Position:	160
Loop:	CDD Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To provide information relative to a line item adjustment
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of CDD04 or CDD07 is required. 2 If CDD07 is present, then CDD11 is required. 3 If either CDD07 or CDD08 is present, then the other is required. 4 If either CDD10 or CDD11 is present, then the other is required. 5 If either CDD12 or CDD13 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 CDD05 is the code indicating whether adjustment is for returned goods. A "Y" confirms that the adjustment is for returned goods.
Comments:	<ol style="list-style-type: none"> 1 If comparison pricing is used, then CDD12 and CDD13 are required.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	CDD01	426	Adjustment Reason Code Code indicating reason for debit or credit memo or adjustment to invoice, debit or credit memo, or payment 02 Allowance/Charge Error	M ID 2/2
M	CDD02	478	Credit/Debit Flag Code Code indicating whether amount is a credit or debit C Credit	M ID 1/1
	CDD03	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
	CDD04	610	Amount Monetary amount	X N2 1/15
	CDD07	477	Credit/Debit Quantity Number of supplier units credited or debited	X R 1/10
	CDD08	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken PC Piece	X ID 2/2
	CDD10	236	Price Identifier Code Code identifying pricing specification OPP Original Purchase Order Price	X ID 3/3
	CDD11	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17
	CDD12	236	Price Identifier Code Code identifying pricing specification INV Invoice Billing Price	X ID 3/3
	CDD13	212	Unit Price Price per unit of product, service, commodity, etc.	X R 1/17

Segment:	LIN Item Identification
Position:	170
Loop:	CDD Mandatory
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To specify basic item identification data
Syntax Notes:	<ol style="list-style-type: none"> 1 If either LIN04 or LIN05 is present, then the other is required. 2 If either LIN06 or LIN07 is present, then the other is required. 3 If either LIN08 or LIN09 is present, then the other is required. 4 If either LIN10 or LIN11 is present, then the other is required. 5 If either LIN12 or LIN13 is present, then the other is required. 6 If either LIN14 or LIN15 is present, then the other is required. 7 If either LIN16 or LIN17 is present, then the other is required. 8 If either LIN18 or LIN19 is present, then the other is required. 9 If either LIN20 or LIN21 is present, then the other is required. 10 If either LIN22 or LIN23 is present, then the other is required. 11 If either LIN24 or LIN25 is present, then the other is required. 12 If either LIN26 or LIN27 is present, then the other is required. 13 If either LIN28 or LIN29 is present, then the other is required. 14 If either LIN30 or LIN31 is present, then the other is required.
Semantic Notes:	1 LIN01 is the line item identification
Comments:	<ol style="list-style-type: none"> 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.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	LIN02	235 Product/Service ID Qualifier	M ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		PI Purchaser's Item Code	
M	LIN03	234 Product/Service ID	M AN 1/48
		Identifying number for a product or service	
		CVS Item Number	
	LIN04	235 Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		UI U.P.C. Consumer Package Code (1-5-5)	
	LIN05	234 Product/Service ID	X AN 1/48
		Identifying number for a product or service	
		Item UPC Number	

Segment: SAC Service, Promotion, Allowance, or Charge Information
Position: 190
Loop: CDD Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: 25
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
 - 8 If SAC16 is present, then SAC15 is required.
- Semantic Notes:**
- 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. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 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.

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		C Charge	
	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		D240 Freight	
		G020 Reclamation, State	
		H650 Tax - Excise Tax - Origin	
		Tax for Hawaii DC Only	
		H850 Tax	
		ZZZZ Mutually Defined	
	SAC15	352 Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: N9 Reference Identification
Position: 200
Loop: CDD Mandatory
Level: Detail
Usage: Optional (Must Use)
Max Use: >1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

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

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification ZZ Mutually Defined	M ID 2/3
	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Item Description will be used in this field.	X AN 1/30

Segment: **SE** Transaction Set Trailer
Position: 270
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
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)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Sample Data

ISA*00* *00* *ZZ*CVSPROD *12*1234567890
*260211*0221*U*00401*000000121*0*P*^
GS*CD*CVSPROD*1234567890*20260211*0221*105*X*004010
ST*812*0001
BCD*20260211*0141489V *A*28664*C*20260205*0141489**20260210***DR
N9*VR*2A123
DTM*007*20260215
SAC*A*C310***887
N1*BY*CVS/PHARMACY*1*001786664
CDD*01*C*00001*28800***0*PC**OPP*4.8*INV*6
LIN**PI*999999*UI*999999999999
PO4*24
N9*IA*2A123
N9*ZZ*Whole Milk Powder
CDD*01*C*00002*750***0*PC**OPP*6.5*INV*9
LIN**PI*999999*UI*999999999999
PO4*3
N9*IA*2A123
N9*ZZ*GUAMA Sunflower Oil
SE*17*0001
ST*812*0002
BCD*20260211*0141523V *A*22349*C*20260206*0141523**20260210***DR
N9*VR*2A123
DTM*007*20260216
SAC*A*C310***691
N1*BY*CVS/PHARMACY*1*001786664
CDD*01*C*00001*23040***0*PC**OPP*4.8*INV*6
LIN**PI*999999*UI*999999999999
PO4*24
N9*IA*2A123
N9*ZZ*Whole Milk Powder
SE*12*0002
GE*2*105
IEA*1*000000121