

# **Sprouts Farmers Market - Stores 812 Credit/Debit Adjustment Inbound and Outbound**

**X12/V5010/812 : 812 Credit/Debit Adjustment**

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# 812 Credit/Debit Adjustment

## Functional Group=CD

**Purpose:** This X12 Transaction Set 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</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BCD	Beginning Credit/Debit Adjustment	M	1		N1/0200	Must use
0400	N9	Extended Reference Information	M	>1			Must use
0500	PER	Administrative Communications Contact	O	>1			Used
0970	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Used
<b>LOOP ID - N1</b>					<b>200</b>		
1000	N1	Party Identification	M	1			Must use
1200	N3	Party Location	O	2			Used
1300	N4	Geographic Location	O	1			Used

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - CDD</b>					<b>≥1</b>		
1600	CDD	Credit/Debit Adjustment Detail	M	1			Must use
1700	LIN	Item Identification	M	1			Must use
1800	PO4	Item Physical Details	O	1			Used
2000	N9	Extended Reference Information	O	>1			Used
2020	DTM	Date/Time Reference	O	5			Used
<b>LOOP ID - SAC</b>					<b>25</b>		
2030	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
2700	SE	Transaction Set Trailer	M	1			Must use

**Notes:**

1/0200 BCD05 indicates whether the net of the detail is a credit or a debit.

**General Usage:**

*The Credit Debit Memo will support 2 business processes. The first being a standard deduction where Sprouts will be taking a credit and it will be reflected on the corresponding payment (BCD03=H). The second being a request for credit where the supplier will send an approval/ authorization. The outbound credit/debit process will be used as a "credit request" to the supplier for a credit (BCD03=T). In this process, Sprouts will expect the supplier to send a Credit/Debit Memo back as the approval and Sprouts will then reflect it in the next payment*

(BCD03=0).

The outbound credit/debit process will support the following types of credit/debits, among others.

- Shortages/Damages
- Pricing discrepancies
- Allowance not received
- Marketing Funds
- Customer returns

### Change History:

10/24/2018

- Updated N103/N104 to be mandatory

01/09/2019

- Added PO4 segment as optional. Please see segment for additional details.

07/14/2020

- Removed H625 as an allowed SAC02 value at the summary level.
- Removed D240, D500 as allowed SAC02 values at the detail level.

10/01/2020

- Added user note to PO401 and PO402: Must be greater than 0
- Updated CDD07/08/09 to Mandatory

10/22/2020

- Updated CDD09 to Optional

12/16/2021

- Remove OD as an Allowed ReferenceQual code at Header & Line level.
- Add 11 as an allowed ReferenceQual at the line level

07/29/2022

- Removed 9 as valid N103 code

03/29/2024

- Added sourcing for BCD13/14
- Updated BCD07, BCD10, BCD13/14 to be conditional - at least one must be sent
- Added 04, 06, 72 as allowed CDD01 codes
- Added optional sourcing for LIN08-LIN11
- Added optional sourcing for line level DTM segment

09/25/2024

- Added H as an allowed BCD03 code
- Added H560 as an allowed SAC02 value at the detail and summary levels.

# ST Transaction Set Header

Pos: 0100	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:

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

**Description:** Code uniquely identifying a Transaction Set

**CodeList Summary** (Total Codes: 318, Included: 1)

**Code Name**

812 Credit/Debit Adjustment

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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**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) 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).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

# BCD Beginning Credit/Debit Adjustment

Pos: 0200      Max: 1  
 Heading - Mandatory  
 Loop: N/A      Elements: 12

**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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BCD01	373	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
BCD02	475	<b>Credit/Debit Adjustment Number</b>	M	AN	1/22	Must use
<b>Description:</b> Number assigned by issuer of a credit or debit memo						
BCD03	305	<b>Transaction Handling Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code designating the action to be taken by all parties						
<b>CodeList Summary</b> (Total Codes: 23, Included: 3)						
<b>Code Name</b>						
H		Notification Only				
<b>User Note 1:</b>						
<i>Standard Deduction - Sprouts will be taking a credit and it will be reflected on the corresponding payment</i>						
O		Deduct from Next Remittance				
<b>User Note 1:</b>						
<i>Credit Approval - Sent as the approval in response to a Credit Request from Sprouts. Sprouts will reflect the credit in the next payment.</i>						
T		Adjustment Requested				
<b>User Note 1:</b>						
<i>Credit Requested - Sprouts will expect a Credit/Debit Memo sent back as the approval and Sprouts will then reflect it in the next payment</i>						
BCD04	610	<b>Amount</b>	M	N2	1/15	Must use
<b>Description:</b> Monetary amount						
BCD05	478	<b>Credit/Debit Flag Code</b>	M	ID	1/1	Must use
<b>Description:</b> Code indicating whether amount is a credit or debit						
<b>All valid standard codes are used. (Total Codes: 2)</b>						
BCD06	373	<b>Date</b>	O	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
<b>User Note 1:</b> <i>Invoice Date</i>						
BCD07	76	<b>Invoice Number</b>	C	AN	1/22	Used
<b>Description:</b> Identifying number assigned by issuer						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>User Note 1:</b> One of BCD07 (Invoice Number), BCD10 (Purchase Order Number), or BCD13/14 (Original Return Request Reference Number) must be sent.				
BCD09	373	<b>Date</b>	O	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
		<b>User Note 1:</b> Purchase Order Date				
BCD10	324	<b>Purchase Order Number</b>	C	AN	1/22	Used
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser				
		<b>User Note 1:</b> One of BCD07 (Invoice Number), BCD10 (Purchase Order Number), or BCD13/14 (Original Return Request Reference Number) must be sent.				
BCD12	640	<b>Transaction Type Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code specifying the type of transaction				
		<b>CodeList Summary</b> (Total Codes: 534, Included: 3)				
		<b>Code Name</b>				
		MD Market Development Fund				
		RD Returns Detail				
		UP Unsalable Product Invoice				
BCD13	128	<b>Reference Identification Qualifier</b>	C	ID	2/3	Used
		<b>Description:</b> Code qualifying the Reference Identification				
		<b>CodeList Summary</b> (Total Codes: 1731, Included: 1)				
		<b>Code Name</b>				
		OD Original Return Request Reference Number				
BCD14	127	<b>Reference Identification</b>	C	AN	1/50	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		<b>User Note 1:</b> One of BCD07 (Invoice Number), BCD10 (Purchase Order Number), or BCD13/14 (Original Return Request Reference Number) must be sent.				

**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 Extended Reference Information

Pos: 0400	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 3

**User Option (Usage):** Must use

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

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

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1731, Included: 5)

**Code Name**

11 Account Number

**User Note 1:**

*Vendor assigned account number - if there is an associated Purchase Order with the account number included, the account number should be included on the 812*

1X Credit or Debit Adjustment Number

**User Note 1:**

*When acknowledging a Sprouts Credit Memo, the original Sprouts Credit Memo Number must be sent with ReferenceQual of 1X*

IA Internal Vendor Number

**User Note 1:**

*Sprouts assigned Vendor Number - Mandatory*

L1 Letters or Notes

PD Promotion/Deal Number

**User Note 1:**

*If there is an associated Purchase Order with the promotional/deal number included, the promotional/deal number should be included on the 812*

N902	127	Reference Identification	O	AN	1/50	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:** *Used when N101 = PD, OD, 11, 1X*

N903	369	Free-form Description	O	AN	1/45	Used
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**Description:** Free-form descriptive text

**User Note 1:** *Used when N101 = L1*

## 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.



# PER Administrative Communications Contact

Pos: 0500	Max: >1
Heading - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code	M	ID	2/2	Must use
<p><b>Description:</b> Code identifying the major duty or responsibility of the person or group named</p> <p><b>CodeList Summary</b> (Total Codes: 238, Included: 1)</p> <p><u>Code</u> <u>Name</u></p> <p>IC Information Contact</p>						
PER02	93	Name	O	AN	1/60	Used
<p><b>Description:</b> Free-form name</p>						
PER03	365	Communication Number Qualifier	X	ID	2/2	Used
<p><b>Description:</b> Code identifying the type of communication number</p> <p><b>CodeList Summary</b> (Total Codes: 42, Included: 2)</p> <p><u>Code</u> <u>Name</u></p> <p>EM Electronic Mail</p> <p>TE Telephone</p>						
PER04	364	Communication Number	X	AN	1/256	Used
<p><b>Description:</b> Complete communications number including country or area code when applicable</p>						
PER05	365	Communication Number Qualifier	X	ID	2/2	Used
<p><b>Description:</b> Code identifying the type of communication number</p> <p><b>CodeList Summary</b> (Total Codes: 42, Included: 2)</p> <p><u>Code</u> <u>Name</u></p> <p>EM Electronic Mail</p> <p>TE Telephone</p>						
PER06	364	Communication Number	X	AN	1/256	Used
<p><b>Description:</b> Complete communications number including country or area code when applicable</p>						

## Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 0970	Max: 25
Heading - Optional	
Loop: N/A	Elements: 4

**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:

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

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

**CodeList Summary** (Total Codes: 7, Included: 2)

**Code Name**

- A Allowance
- C Charge

SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	X	ID	4/4	Used
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**Description:** Code identifying the service, promotion, allowance, or charge

**CodeList Summary** (Total Codes: 1090, Included: 18)

**Code Name**

- A260 Advertising Allowance
- B000 Central Buy
- B010 Cents Off
- B280 Combination Performance and Non-performance
- B720 Cooperative Advertising/Merchandising Allowance (Performance)
- C000 Defective Allowance
- C110 Deposit
- C310 Discount
- C320 Display Allowance
- D240 Freight
- D500 Handling
- F050 Other (See related description)
- F670 Price and Marketing Allowance
- F800 Promotional Allowance
- G470 Restocking Charge
- G830 Shipping and Handling
- H560 Swell
- I410 Unsaleable Merchandise Allowance

SAC05	610	<b>Amount</b>	O	N2	1/15	Used
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**Description:** Monetary amount

SAC15	352	<b>Description</b>	X	AN	1/80	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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**Description:** A free-form description to clarify the related data elements and their content

**User Note 1:** *Description is required if SAC02 = F050.*

### 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. C1413 - If SAC14 is present, then SAC13 is required.
7. 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 with SAC03 to further define 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 Party Identification

Pos: 1000      Repeat: 200  
 Mandatory  
 Loop: N1      Elements: N/A

**User Option (Usage):** Must use

**Purpose:** To identify a party by type of organization, name, and code

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1000	N1	Party Identification	M	1		Must use
1200	N3	Party Location	O	2		Used
1300	N4	Geographic Location	O	1		Used

# N1 Party Identification

Pos: 1000	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

**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: 1500, Included: 1)

**Code Name**

RL Reporting Location

N102	93	Name	M	AN	1/60	Must use
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**Description:** Free-form name

N103	66	Identification Code Qualifier	M	ID	1/2	Used
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**Description:** Code designating the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 241, Included: 1)

**Code Name**

92 Assigned by Buyer or Buyer's Agent

**User Note 1:**

Store Number

N104	67	Identification Code	M	AN	2/80	Used
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**Description:** Code identifying a party or other code

**User Note 1:** The Sprouts store number is required for any credit related to a store. For Sprouts Farmers Market store numbers that contain less than 4 digits, the store number should be sent with leading zero(s) to populate a 4 digit value.

*Example: Store 657 should be sent as 0657*

## 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.

# N3 Party Location

Pos: 1200	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

## Element Summary:

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

# N4 Geographic Location

Pos: 1300	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Element Summary:

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

## Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 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

Pos: 1600      Repeat: >1  
 Optional  
 Loop: CDD    Elements: N/A

**User Option (Usage):** Used

**Purpose:** To provide information relative to a line item adjustment

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1600	CDD	Credit/Debit Adjustment Detail	M	1		Must use
1700	LIN	Item Identification	M	1		Must use
1800	PO4	Item Physical Details	O	1		Used
2000	N9	Extended Reference Information	O	>1		Used
2020	DTM	Date/Time Reference	O	5		Used
2030		Loop SAC	O		25	Used



# CDD Credit/Debit Adjustment Detail

Pos: 1600	Max: 1
Detail - Mandatory	
Loop: CDD	Elements: 8

**User Option (Usage):** Must use

**Purpose:** To provide information relative to a line item adjustment

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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: 481, Included: 8)

**Code Name**

- 01 Pricing Error
- 04 Item Not Accepted - Damaged
- 06 Quantity Contested
- 11 Returns - Damage
- 72 Authorized Return
- GC Market Development Fund Deduction
- GG Unsalable Merchandise
- RD Receiving Discrepancy

CDD02	478	Credit/Debit Flag Code	M	ID	1/1	Must use
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**Description:** Code indicating whether amount is a credit or debit

**All valid standard codes are used. (Total Codes: 2)**

CDD04	610	Amount	M	N2	1/15	Must use
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**Description:** Monetary amount

CDD07	477	Credit/Debit Quantity	M	R	1/10	Must use
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**Description:** Number of supplier units credited or debited

CDD08	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
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**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: 844, Included: 3)

**Code Name**

- CA Case
- EA Each
- LB Pound

CDD09	427	Unit Price Difference	O	R	1/15	Used
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**Description:** Per unit (case) price or allowance/charge difference between original billing and corrected amount (may be unit full list price or allowance/charge where item was not on original billing or where full credit/debit amount is being transacted, i.e., returns or contested quantities)

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CDD10	236	<b>Price Identifier Code</b>	M	ID	3/3	Must use
<b>Description:</b> Code identifying pricing specification						
<b>CodeList Summary</b> (Total Codes: 168, Included: 1)						
<b>Code Name</b>						
UCP Unit cost price						
CDD11	212	<b>Unit Price</b>	M	R	1/17	Must use
<b>Description:</b> 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.
2. CDD14 is used only to further clarify the adjustment reason code in CDD01.

### Comments:

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

# LIN Item Identification

Pos: 1700      Max: 1  
 Detail - Mandatory  
 Loop: CDD    Elements: 11

**User Option (Usage):** Must use

**Purpose:** To specify basic item identification data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	Assigned Identification	O	AN	1/20	Used

**Description:** Alphanumeric characters assigned for differentiation within a transaction set

LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**User Note 1:** Vendor must include all item identifiers that were present on the Purchase Order

**CodeList Summary** (Total Codes: 519, Included: 3)

**Code Name**

UK    GTIN 14-digit Data Structure  
 UP    UCC - 12  
 VN    Vendor's (Seller's) Item Number

LIN03	234	Product/Service ID	M	AN	1/48	Must use
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**Description:** Identifying number for a product or service

LIN04	235	Product/Service ID Qualifier	O	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**User Note 1:** Vendor must include all item identifiers that were present on the Purchase Order

**CodeList Summary** (Total Codes: 519, Included: 3)

**Code Name**

UK    GTIN 14-digit Data Structure  
 UP    UCC - 12  
 VN    Vendor's (Seller's) Item Number

LIN05	234	Product/Service ID	O	AN	1/48	Used
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**Description:** Identifying number for a product or service

LIN06	235	Product/Service ID Qualifier	O	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**User Note 1:** Vendor must include all item identifiers that were present on the Purchase Order

**CodeList Summary** (Total Codes: 519, Included: 3)

**Code Name**

UK    GTIN 14-digit Data Structure

		<b>Code Name</b>				
		UP UCC - 12				
		VN Vendor's (Seller's) Item Number				
LIN07	234	<b>Product/Service ID</b>	O	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
LIN08	235	<b>Product/Service ID Qualifier</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 519, Included: 1)				
		<b>Code Name</b>				
		LT Lot Number				
LIN09	234	<b>Product/Service ID</b>	O	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
LIN10	235	<b>Product/Service ID Qualifier</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 519, Included: 1)				
		<b>Code Name</b>				
		B8 Batch Number				
LIN11	234	<b>Product/Service ID</b>	O	AN	1/48	Used
		<b>Description:</b> 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.

**User Note 1:**

*Vendor must include all item identifiers that were present on the Purchase Order*

# PO4 Item Physical Details

<b>Pos: 1800</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: CDD</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO401	356	<b>Pack</b>	O	N0	1/6	Used

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

**User Note 1:** *Must be greater than 0*

PO402	357	<b>Size</b>	X	R	1/8	Used
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**Description:** Size of supplier units in pack

**User Note 1:** *Must be greater than 0*

PO403	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
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**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: 844, Included: 4)

**Code Name**

GA	Gallon
LB	Pound
LT	Liter
OZ	Ounce - Av

## 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 unit of measure of the "Size" identified in the PO402. 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 Extended Reference Information

Pos: 2000	Max: >1
Detail - Optional	
Loop: CDD	Elements: 3

**User Option (Usage):** Used

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

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

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1731, Included: 3)

**Code Name**

- 11 Account Number
- L1 Letters or Notes
- PD Promotion/Deal Number

N902	127	Reference Identification	O	AN	1/50	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:** *Used when N101 = PD, OD*

N903	369	Free-form Description	O	AN	1/45	Used
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**Description:** Free-form descriptive text

**User Note 1:** *Used when N101 = L1*

## 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

Pos: 2020	Max: 5
Detail - Optional	
Loop: CDD	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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: 1280, Included: 1)

**Code Name**

036 Expiration

DTM02	373	Date	M	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

## 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 Service, Promotion, Allowance, or Charge Information

Pos: 2030	Repeat: 25
Optional	
Loop: SAC	Elements: N/A

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

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2030	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 2030	Max: 1
Detail - Optional	
Loop: SAC	Elements: 4

**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:

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

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

**CodeList Summary** (Total Codes: 7, Included: 2)

**Code Name**

- A Allowance
- C Charge

SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	X	ID	4/4	Used
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**Description:** Code identifying the service, promotion, allowance, or charge

**CodeList Summary** (Total Codes: 1090, Included: 17)

**Code Name**

- A260 Advertising Allowance
- B000 Central Buy
- B010 Cents Off
- B280 Combination Performance and Non-performance
- B720 Cooperative Advertising/Merchandising Allowance (Performance)
- C000 Defective Allowance
- C110 Deposit
- C310 Discount
- C320 Display Allowance
- F050 Other (See related description)
- F670 Price and Marketing Allowance
- F800 Promotional Allowance
- G470 Restocking Charge
- G830 Shipping and Handling
- H560 Swell
- H625 Tax - Beverage Tax
- I410 Unsaleable Merchandise Allowance

SAC05	610	<b>Amount</b>	O	N2	1/15	Used
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**Description:** Monetary amount

SAC15	352	<b>Description</b>	X	AN	1/80	Used
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**Description:** A free-form description to clarify the related data elements and their content

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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**User Note 1:***Required when SAC02 = F050***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. C1413 - If SAC14 is present, then SAC13 is required.
7. 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 with SAC03 to further define 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.

# SE Transaction Set Trailer

Pos: 2700	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

## Comments:

- SE is the last segment of each transaction set.