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

X12/V5010/812 : 812 Credit/Debit Adjustment

Author:	**SPS Commerce**
Company:	**Sprouts Farmers Market - Stores**
Publication:	**2/22/2018**
Modified:	**7/24/2024**
Notes:	

Table of Contents

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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
LOOP ID - N1					**200**		
1000	N1	Party Identification	M	1			Must use
1200	N3	Party Location	O	2			Used
1300	N4	Geographic Location	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CDD					**>1**		
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
LOOP ID - SAC					**25**		
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. 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. 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.

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

ST Transaction Set Header

Pos: 0100   Max: 1
Heading - Mandatory
Loop: N/A   Elements: 3

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: 318)

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST03	1705	**Implementation Convention Reference**	O	AN	1/35	Used

Description: Reference assigned to identify Implementation Convention

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:

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

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

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

CodeList Summary (Total Codes: 23, Included: 2)

Code	Name
O	Deduct from Next Remittance
T	Adjustment Requested

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

BCD06	373	**Date**	O	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year
User Note 1: *Invoice Date*

BCD07	76	**Invoice Number**	C	AN	1/22	Used

Description: Identifying number assigned by issuer
User Note 1: *One of BCD07 (Invoice Number), BCD10 (Purchase Order Number), or BCD13/14 (Original Return Request Reference Number) must be sent.*

BCD09	373	**Date**	O	DT	8/8	Used

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year
User Note 1: *Purchase Order Date*

BCD10	324	**Purchase Order Number**	C	AN	1/22	Used

Description: Identifying number for Purchase Order assigned by the orderer/purchaser
User Note 1: *One of BCD07 (Invoice Number), BCD10 (Purchase Order Number), or*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		BCD13/14 (Original Return Request Reference Number) must be sent.				
BCD12	640	**Transaction Type Code**	O	ID	2/2	Used

Description: Code specifying the type of transaction

CodeList Summary (Total Codes: 534, Included: 3)

Code Name
MD   Market Development Fund
RD   Returns Detail
UP   Unsalable Product Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD13	128	**Reference Identification Qualifier**	C	ID	2/3	Used

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1731, Included: 1)

Code Name
OD   Original Return Request Reference Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BCD14	127	**Reference Identification**	C	AN	1/50	Used

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

User Note 1: *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

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

Pos: 0400   Max: >1

Heading - Mandatory

Loop: N/A   Elements: 3

</div>

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: 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 orignal 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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	O	AN	1/50	Used

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*

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

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER01	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 238, Included: 1)

Code Name
IC   Information Contact

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER02	93	**Name**	O	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER03	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 42, Included: 2)

Code Name
EM   Electronic Mail
TE   Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER04	364	**Communication Number**	X	AN	1/256	Used

Description: Complete communications number including country or area code when applicable

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER05	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 42, Included: 2)

Code Name
EM   Electronic Mail
TE   Telephone

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PER06	364	**Communication Number**	X	AN	1/256	Used

Description: Complete communications number including country or area code when applicable

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:

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: 2)

Code	Name
A	Allowance
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: 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
D240	Freight
D500	Handling
F050	Other (See related description)
F670	Price and Marketing Allowance
F800	Promotional Allowance
G470	Restocking Charge
G830	Shipping and Handling
I410	Unsaleable Merchandise Allowance

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

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC15	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Ref	Id	Element Name	Req	Type	Min/Max	Usage

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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

<div style="border:1px solid">

Pos: 1000   **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: 1500, Included: 1)

Code	Name
RL	Reporting Location

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

Description: Free-form name

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

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*

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

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:

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

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:

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N402	156	**State or Province Code**	X	ID	2/2	Used

Description: Code (Standard State/Province) as defined by appropriate government agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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:

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: 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

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

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

Description: Monetary amount

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

Description: Number of supplier units credited or debited

CDD08	355	**Unit or Basis for Measurement Code**	M	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: 844, Included: 3)

Code	Name
CA	Case
EA	Each
LB	Pound

CDD09	427	**Unit Price Difference**	O	R	1/15	Used

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)

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

Description: Code identifying pricing specification

CodeList Summary (Total Codes: 168, Included: 1)

Code	Name
UCP	Unit cost price

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

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.
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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

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

Description: Identifying number for a product or service

LIN04	235	**Product/Service ID Qualifier**	O	ID	2/2	Used

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

Description: Identifying number for a product or service

LIN06	235	**Product/Service ID Qualifier**	O	ID	2/2	Used

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

		Code **Name**					
		UP UCC - 12					
		VN Vendor's (Seller's) Item Number					
LIN07	234	**Product/Service ID**	O	AN	1/48	Used	

Description: Identifying number for a product or service

LIN08	235	**Product/Service ID Qualifier**	O	ID	2/2	Used	

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

CodeList Summary (Total Codes: 519, Included: 1)

Code **Name**
LT   Lot Number

LIN09	234	**Product/Service ID**	O	AN	1/48	Used	

Description: Identifying number for a product or service

LIN10	235	**Product/Service ID Qualifier**	O	ID	2/2	Used	

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

CodeList Summary (Total Codes: 519, Included: 1)

Code **Name**
B8   Batch Number

LIN11	234	**Product/Service ID**	O	AN	1/48	Used	

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.

User Note 1:

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

PO4 Item Physical Details

Pos: 1800	Max: 1
Detail - Optional	
Loop: CDD	**Elements: 3**

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	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*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO402	357	**Size**	X	R	1/8	Used

> **Description:** Size of supplier units in pack
>
> **User Note 1:** *Must be greater than 0*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO403	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: 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

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: 1731, Included: 3)

Code	Name
11	Account Number
L1	Letters or Notes
PD	Promotion/Deal Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	O	AN	1/50	Used

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*

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

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:

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: 1280, Included: 1)

Code	Name
036	Expiration

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

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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:

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: 2)

Code Name
A   Allowance
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: 1090, Included: 16)

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
H625   Tax - Beverage Tax
I410   Unsaleable Merchandise Allowance

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

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC15	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

User Note 1:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		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

<table>
<tr><td>Pos: 2700</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

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.