

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:	1/23/2024
Notes:	

Table of Contents

812 Credit/Debit Adjustment	1
ST Transaction Set Header	3
BCD Beginning Credit/Debit Adjustment	4
N9 Extended Reference Information	6
PER Administrative Communications Contact	7
SAC Service, Promotion, Allowance, or Charge Information	8
N1 Loop Party Identification	10
N1 Party Identification	11
N3 Party Location	12
N4 Geographic Location	13
CDD Loop Credit/Debit Adjustment Detail	14
CDD Credit/Debit Adjustment Detail	15
LIN Item Identification	17
PO4 Item Physical Details	19
N9 Extended Reference Information	21
SAC Loop Service, Promotion, Allowance, or Charge Information	22
SAC Service, Promotion, Allowance, or Charge Information	23
SE Transaction Set Trailer	25

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
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:

<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>
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
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 next remittance. 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 Farmers Market - Stores will expect the supplier to send a Credit/Debit Memo back as the approval and Sprouts Farmers Market - Stores will then reflect it in the next remittance.

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

- *Shortages/Damages*
- *Pricing discrepancies*
- *Allowance not received*
- *Marketing Funds*

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*

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:

<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 All valid standard codes are used. (Total Codes: 318)						
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						
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: 10

User Option (Usage): Must use

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

Element Summary:

<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	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)				
		<u>Code</u>		<u>Name</u>		
		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: <i>Invoice Date</i>				
BCD07	76	Invoice Number	O	AN	1/22	Used
		Description: Identifying number assigned by issuer				
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: <i>Purchase Order Date</i>				
BCD10	324	Purchase Order Number	O	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
BCD12	640	Transaction Type Code	O	ID	2/2	Used
		Description: Code specifying the type of transaction				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

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

<u>Code</u>	<u>Name</u>
-------------	-------------

MD	Market Development Fund
RD	Returns Detail
UP	Unsalable Product Invoice

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
------	-----	--------------------------	---	----	------	------

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
------	-----	-----------------------	---	----	------	------

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
Description: Code identifying the major duty or responsibility of the person or group named						
CodeList Summary (Total Codes: 238, Included: 1)						
<u>Code</u> <u>Name</u> IC Information Contact						
PER02	93	Name	O	AN	1/60	Used
Description: Free-form name						
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)						
<u>Code</u> <u>Name</u> EM Electronic Mail TE Telephone						
PER04	364	Communication Number	X	AN	1/256	Used
Description: Complete communications number including country or area code when applicable						
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)						
<u>Code</u> <u>Name</u> EM Electronic Mail TE Telephone						
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:

<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	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

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

SAC05	610	Amount	O	N2	1/15	Used
-------	-----	--------	---	----	------	------

Description: Monetary amount

SAC15	352	Description	X	AN	1/80	Used
-------	-----	-------------	---	----	------	------

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>
User Note 1: <i>Description is required if SAC02 = F050.</i>						

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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) <u>Code</u> <u>Name</u> RL Reporting Location						
N102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
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) <u>Code</u> <u>Name</u> 92 Assigned by Buyer or Buyer's Agent User Note 1: <i>Store Number</i>						
N104	67	Identification Code	M	AN	2/80	Used
Description: Code identifying a party or other code User Note 1: <i>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.</i> <i>Example: Store 657 should be sent as 0657</i>						

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:

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

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
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: 5) <u>Code</u> <u>Name</u> 01 Pricing Error 11 Returns - Damage GC Market Development Fund Deduction GG Unsalable Merchandise RD Receiving Discrepancy						
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) <u>Code</u> <u>Name</u> 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)						
CDD10	236	Price Identifier Code	M	ID	3/3	Must use
Description: Code identifying pricing specification CodeList Summary (Total Codes: 168, Included: 1)						

		<u>Code</u>	<u>Name</u>				
		UCP	Unit cost price				
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: 7

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
		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)				
		<u>Code</u> <u>Name</u>				
		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)				
		<u>Code</u> <u>Name</u>				
		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)				
		<u>Code</u> <u>Name</u>				
		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**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:

<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	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: <i>Must be greater than 0</i>																
PO402	357	Size	X	R	1/8	Used										
Description: Size of supplier units in pack																
User Note 1: <i>Must be greater than 0</i>																
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)																
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>GA</td><td>Gallon</td></tr><tr><td>LB</td><td>Pound</td></tr><tr><td>LT</td><td>Liter</td></tr><tr><td>OZ</td><td>Ounce - Av</td></tr></table>							<u>Code</u>	<u>Name</u>	GA	Gallon	LB	Pound	LT	Liter	OZ	Ounce - Av
<u>Code</u>	<u>Name</u>															
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:

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

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*

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.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 2030Repeat: 25
Optional
Loop: SACElements: 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	Reg	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:

<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	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

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

SAC05	610	Amount	O	N2	1/15	Used
-------	-----	--------	---	----	------	------

Description: Monetary amount

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>Required when SAC02 = F050</i>				

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: 2700Max: 1

Detail - Mandatory

Loop: N/AElements: 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	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						
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.