Sprouts Farmers Market - Stores 880 Grocery Products Invoice

X12/V5010/880 : 880 Grocery Products Invoice

Table of Contents

880   Grocery Products Invoice

Functional Group=GP

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Grocery Products Invoice Transaction Set (880) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to billing details for finished goods in a retail or wholesale consumer market. The transaction set can be used by the supplier or broker organization to request payment from a retailer or wholesaler organization. This transaction set is to be used for standalone detail billing and cannot be used for statement billing or credit/debit adjustments.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	G01	Invoice Identification	M	1			Must use
0300	N9	Extended Reference Information	M	10			Must use
0400	G61	Contact	O	3			Used
0500	G62	Date/Time	M	5			Must use
0600	NTE	Note/Special Instruction	O	20			Used
0700	CAD	Carrier Details	O	5			Used
0800	G23	Terms of Sale	O	20		N1/0800	Used
LOOP ID - 0100					**10**	**N1/1000L**	
1000	N1	Party Identification	M	1		N1/1000	Must use
1200	N3	Party Location	O	2			Used
1300	N4	Geographic Location	O	1			Used
LOOP ID - 0200					**100**		
1400	G72	Allowance or Charge	O	1			Used
1500	G73	Allowance or Charge Description	O	10			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0300					**9999**	**N2/0100L**	
0100	G17	Item Detail - Invoice	M	1		N2/0100	Must use
0200	G69	Line Item Detail - Description	M	5			Must use
0400	G20	Item Packing Detail	M	1			Must use
0450	N9	Extended Reference Information	O	5			Used
LOOP ID - 0310					**100**		
0700	G72	Allowance or Charge	M	1			Must use
0800	G73	Allowance or Charge Description	O	10			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	G31	Total Invoice Quantity	M	1			Must use
0200	G33	Total Dollars Summary	M	1			Must use

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

1/0800	The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G17 segment.
1/1000L	One occurrence of the N1 loop must be used to identify the party to whom the merchandise was shipped.
1/1000	One occurrence of the N1 loop must be used to identify the party to whom the merchandise was shipped.
2/0100L	Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.
2/0100	Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.

Change History:

01/09/2018
- Added G2002 and G2003 elements.

06/20/2018
- Added header and line level G7201 qualifier of 526

07/02/2018
-Added G7201 qualifier of 550 at header and line item level.
-Added G7202 qualifier of 06 at header and line item level.

07/09/2018
- Added G7201 qualifier of 491 and 537 at header and line item level.

08/10/2018
- Added G20 segment as mandatory. The case pack value must be provided.

10/24/2018
- N104 is now mandatory when N101 = ST.

07/14/2020
- Removed 526 as an allowed G7201 value at the summary level.
- Removed 504, 14, 4, 68 as allowed G7201 values at the detail level.

10/01/2020
- Added user note to PO401 and PO402: Must be greater than 0

07/29/2022:
-Added PD as valid header-level N901 code
-Removed 9 as valid N103 code

ST Transaction Set Header

<table>
<tr><td>Pos: 0100</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 3</td></tr>
</table>

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.

G01 Invoice Identification

User Option (Usage): Must use

Purpose: To transmit identifying dates and numbers for this transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G0101	373	**Date**	M	DT	8/8	Must use

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

User Note 1: *Invoice Date*

G0102	76	**Invoice Number**	M	AN	1/22	Must use

Description: Identifying number assigned by issuer

G0103	373	**Date**	M	DT	8/8	Must use

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

G0104	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

User Note 1: *If there is no originating Order Number, a Sprouts contract, ticket or account number must be present.*

G0108	640	**Transaction Type Code**	M	ID	2/2	Must use

Description: Code specifying the type of transaction

CodeList Summary (Total Codes: 534, Included: 1)

Code Name

DI   Debit Invoice

Syntax Rules:

1. P0607 - If either G0106 or G0107 is present, then the other is required.

Semantics:

1. G0101 is the invoice issue date.
2. G0103 is the date assigned by the purchaser to the purchase order.

N9 Extended Reference Information

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: 6)

Code	Name
11	Account Number

> **User Note 1:**
>
> *Vendor assigned Account Number - the account number should be included if provided on the Purchase Order*

2I	Tracking Number
BM	Bill of Lading Number
CN	Carrier's Reference Number (PRO/Invoice)
IA	Internal Vendor Number

> **User Note 1:**
>
> *Sprouts assigned Vendor ID - Mandatory*

PD	Promotion/Deal Number

> **User Note 1:**
>
> *The promotional/deal number should be included if provided on the Purchase Order*

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

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

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

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

G61 Contact

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	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
G6102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6103	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
G6104	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 G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

G62　Date/Time

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

Pos: 0500　　　　　**Max: 5**

Heading - Mandatory

Loop: N/A　　　**Elements: 2**

</div>

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	**Date Qualifier**	M	ID	2/2	Must use

Description: Code specifying type of date

CodeList Summary (Total Codes: 139, Included: 1)

Code	Name
11	Shipped on This Date

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6202	373	**Date**	O	DT	8/8	Must use

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

User Note 1: *If no physical shipment, the ship date should be the date the service was rendered, or the invoice date.*

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

NTE   Note/Special Instruction

Pos: 0600   Max: 20
Heading - Optional
Loop: N/A   Elements: 2

User Option (Usage): Used

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	**Note Reference Code**	O	ID	3/3	Used

Description: Code identifying the functional area or purpose for which the note applies

CodeList Summary (Total Codes: 348, Included: 1)

Code	Name
GEN	Entire Transaction Set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE02	352	**Description**	M	AN	1/80	Must use

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

Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

CAD Carrier Details

Pos: 0700   Max: 5
Heading - Optional
Loop: N/A   Elements: 3

User Option (Usage): Used

Purpose: To specify transportation details for the transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CAD01	91	**Transportation Method/Type Code**	M	ID	1/2	Must use

Description: Code specifying the method or type of transportation for the shipment

CodeList Summary (Total Codes: 80, Included: 1)

Code	Name
ZZ	Mutually defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CAD04	140	**Standard Carrier Alpha Code**	O	ID	2/4	Used

Description: Standard Carrier Alpha Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CAD05	387	**Routing**	O	AN	1/35	Used

Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Syntax Rules:

1. R0504 - At least one of CAD05 or CAD04 is required.
2. C0708 - If CAD07 is present, then CAD08 is required.

G23 Terms of Sale

Pos: 0800	**Max: 20**
Heading - Optional	
Loop: N/A	**Elements: 9**

User Option (Usage): Used

Purpose: To specify the terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2301	336	**Terms Type Code**	M	ID	2/2	Must use

Description: Code identifying type of payment terms

CodeList Summary (Total Codes: 77, Included: 1)

Code **Name**
ZZ   Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2302	333	**Terms Basis Date Code**	M	ID	1/2	Must use

Description: Code identifying the beginning of the terms period

CodeList Summary (Total Codes: 17, Included: 3)

Code **Name**
1   Ship Date
3   Invoice Date
15   Receipt of Goods

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2305	338	**Terms Discount Percent**	O	R	1/6	Used

Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2306	370	**Terms Discount Due Date**	O	DT	8/8	Used

Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2307	351	**Terms Discount Days Due**	O	N0	1/3	Used

Description: Number of days in the terms discount period by which payment is due if terms discount is earned

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2308	446	**Terms Net Due Date**	X	DT	8/8	Used

Description: Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2309	386	**Terms Net Days**	X	N0	1/3	Used

Description: Number of days until total invoice amount is due (discount not applicable)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2310	362	**Terms Discount Amount**	O	N2	1/10	Used

Description: Total amount of terms discount

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2315	3	**Free-form Message**	O	AN	1/60	Used

Description: Free-form text

Syntax Rules:

1. R0809 - At least one of G2308 or G2309 is required.

Comments:

1. The G23 segment may be used for the detail or the total transaction set level. Refer to the transaction set assumptions for details on proper usage.

2. If G2301 equals "04" (deferred or installment) then either G2313 or G2314 is required and the data in the segment pertains only to the portion of the invoice described in G2313 or G2314. If G2301 equals "11" (elective) then G2304 is required. If G2301 is not equal to "05"' (discount not applicable) then (G2305 or G2310) and (G2306 or G2307) is required. If G2301 equals "ZZ" (other) then G2315 is required. Multiple use of this segment when G2301 equals "04" (deferred or installment) always implies an "AND" relationship. When G2301 equals "06" (mixed) or "11" (elective) an "OR" relationship is always implied.

3. G2310 is a memo figure requiring specific payment performance and therefore should not be negative.

4. When elective terms are offered in a deferred or installment situation, G2316 (Installment Group Indicator - DE 713) must be used to properly group the terms within each installment.

Loop Party Identification

Pos: 1000	Repeat: 10
Mandatory	
Loop: 0100 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

User Note 1:

Two iterations of the N1 loop are required for both the Ship To and Remit To addresses.

N1 Party Identification

Pos: 1000	Max: 1
Heading - Mandatory	
Loop: 0100	**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: 2)

Code	Name
RI	Remit To

User Note 1:

Mandatory

Code	Name
ST	Ship To

User Note 1:

Mandatory

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

Description: Free-form name

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

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

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

Code	Name
92	Assigned by Buyer or Buyer's Agent

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

Description: Code identifying a party or other code

User Note 1: *When sent, N104 should match the value provided on the Purchase Order/Purchase Order Change. 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.

User Note 1:

N104 is required when N101 = ST.
The Ship To location code from the Purchase Order must be returned.

N3 Party Location

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: 0100   Elements: 4

User Option (Usage): Used
Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	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)				
N404	26	**Country Code**	X	ID	2/3	Used
		Description: Code identifying the country				

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 Allowance or Charge

<table>
<tr><td>Pos: 1400</td><td>Repeat: 100</td></tr>
<tr><td colspan="2">Optional</td></tr>
<tr><td colspan="2">Loop: 0200   Elements: N/A</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1400	G72	Allowance or Charge	O	1		Used
1500	G73	Allowance or Charge Description	O	10		Used

G72 Allowance or Charge

Pos: 1400	Max: 1
Heading - Optional	
Loop: 0200	Elements: 3

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7201	340	**Allowance or Charge Code**	M	ID	1/3	Must use

Description: Code identifying the type of allowance or charge

CodeList Summary (Total Codes: 127, Included: 12)

Code	Name
4	Fuel Allowance
14	Handling Out
51	Trade Discount

> **User Note 1:**
> *General Discount*

Code	Name
63	Floor Stock Protection
68	Scanner Allowance
90	Performance Allowance

> **User Note 1:**
> *Used for Marketing Coupons*

Code	Name
95	Swell
116	Media Charge

> **User Note 1:**
> *Used for Pricing/Marketing Charges, Ad Fees, Demo Fees, Merchandising Services, Digital Marketing Fee*

Code	Name
491	Tax Credit Allowance
504	Freight
537	State or Province Tax
550	Deposit Charge - Non-Resale Item

> **User Note 1:**
> *Bottle Deposit*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7202	331	**Allowance or Charge Method of Handling Code**	M	ID	2/2	Must use

Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 3)

Code	Name
01	Bill Back
02	Off Invoice
06	Charge to be Paid by Customer

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7208	360	**Allowance or Charge Total Amount**	M	N2	1/15	Must use

Description: Total dollar amount for the allowance or charge

Syntax Rules:

1. R03050809 - At least one of G7203, G7205, G7208 or G7209 is required.
2. E050809 - Only one of G7205, G7208 or G7209 may be present.
3. P0607 - If either G7206 or G7207 is present, then the other is required.
4. P0910 - If either G7209 or G7210 is present, then the other is required.
5. C1103 - If G7211 is present, then G7203 is required.

Semantics:

1. G7209 is the allowance or charge percent.

Comments:

1. The G73 segment is required when G7201 contains code "499" or "999"; however, the use of these codes is discouraged.

G73   Allowance or Charge Description

User Option (Usage): Used

Purpose: To describe the allowance or charge in free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7301	369	**Free-form Description**	M	AN	1/45	Must use

Description: Free-form descriptive text

Comments:

1. Use of the G73 segment requires concurrent use of a corresponding allowance/charge segment.

Loop Item Detail - Invoice

Pos: 0100   Repeat: 9999
Mandatory
Loop: 0300   Elements: N/A

User Option (Usage): Must use

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	G17	Item Detail - Invoice	M	1		Must use
0200	G69	Line Item Detail - Description	M	5		Must use
0400	G20	Item Packing Detail	M	1		Must use
0450	N9	Extended Reference Information	O	5		Used
0700		Loop 0310	O		100	Used

G17   Item Detail - Invoice

Pos: 0100   Max: 1
Detail - Mandatory
Loop: 0300   Elements: 11

User Option (Usage): Must use

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G1701	358	**Quantity Invoiced**	M	R	1/15	Must use

Description: Number of units invoiced (supplier units)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G1702	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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G1703	237	**Item List Cost**	M	R	1/9	Must use

Description: Gross unit cost within the appropriate price bracket for a line item

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G1704	438	**U.P.C. Case Code**	O	AN	12/12	Used

Description: Code (Universal Product Code - U.P.C.)

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

Consumer UPC case code must be in the 1-5-5-1 format in G1704

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G1705	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

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

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

CodeList Summary (Total Codes: 519, Included: 2)

Code	Name
UK	GTIN 14-digit Data Structure
VN	Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G1706	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G1707	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

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

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage

CodeList Summary (Total Codes: 519, Included: 2)

Code Name

UK   GTIN 14-digit Data Structure

VN   Vendor's (Seller's) Item Number

| G1708 | 234 | **Product/Service ID** | X | AN | 1/48 | Used |

Description: Identifying number for a product or service

| G1710 | 382 | **Number of Units Shipped** | X | R | 1/10 | Used |

Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

User Note 1: *If the invoice quantity UOM (G1702) is in lbs, the ship quantity and unit of measure must be provided.*

| G1711 | 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: 2)

Code Name

CA   Case

EA   Each

| G1714 | 782 | **Monetary Amount** | X | R | 1/18 | Used |

Description: Monetary amount

Syntax Rules:

1. R0314 - At least one of G1703 or G1714 is required.
2. R0405 - At least one of G1704 or G1705 is required.
3. P0506 - If either G1705 or G1706 is present, then the other is required.
4. P0708 - If either G1707 or G1708 is present, then the other is required.
5. P1011 - If either G1710 or G1711 is present, then the other is required.

Semantics:

1. G1714 contains the cumulative monetary amount of unsaleable merchandise.

Comments:

1. G1702 qualifies G1701.

User Note 1:

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

G69   Line Item Detail - Description

Pos: 0200	Max: 5
Detail - Mandatory	
Loop: 0300	**Elements: 1**

User Option (Usage): Must use

Purpose: To describe an item in free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6901	369	**Free-form Description**	M	AN	1/45	Must use

Description: Free-form descriptive text

G20   Item Packing Detail

User Option (Usage): Must use

Purpose: To specify packing details of the items shipped

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2001	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
G2002	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
G2003	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 G2002 or G2003 is present, then the other is required.
2. P0405 - If either G2004 or G2005 is present, then the other is required.
3. P0607 - If either G2006 or G2007 is present, then the other is required.

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: 1)

Code	Name
LI	Line Item Identifier (Seller's)

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

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

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

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

Loop Allowance or Charge

Pos: 0700   Repeat: 100
Optional
Loop: 0310   Elements: N/A

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0700	G72	Allowance or Charge	M	1		Must use
0800	G73	Allowance or Charge Description	O	10		Used

G72 Allowance or Charge

<table>
<tr><td>Pos: 0700</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: 0310</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Must use

Purpose: To specify allowances, charges, or services

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7201	340	**Allowance or Charge Code**	M	ID	1/3	Must use

Description: Code identifying the type of allowance or charge

CodeList Summary (Total Codes: 127, Included: 9)

Code	Name
51	Trade Discount

> **User Note 1:**
> *General Discount*

Code	Name
63	Floor Stock Protection
90	Performance Allowance
95	Swell
116	Media Charge
491	Tax Credit Allowance
526	Beverage Tax
537	State or Province Tax
550	Deposit Charge - Non-Resale Item

> **User Note 1:**
> *Bottle Deposit*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7202	331	**Allowance or Charge Method of Handling Code**	M	ID	2/2	Must use

Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 3)

Code	Name
01	Bill Back
02	Off Invoice
06	Charge to be Paid by Customer

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7208	360	**Allowance or Charge Total Amount**	M	N2	1/15	Must use

Description: Total dollar amount for the allowance or charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7209	332	**Percent, Decimal Format**	X	R	1/6	Not used

Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)

Syntax Rules:

1. R03050809 - At least one of G7203, G7205, G7208 or G7209 is required.
2. E050809 - Only one of G7205, G7208 or G7209 may be present.
3. P0607 - If either G7206 or G7207 is present, then the other is required.

4. P0910 - If either G7209 or G7210 is present, then the other is required.
5. C1103 - If G7211 is present, then G7203 is required.

Semantics:

1. G7209 is the allowance or charge percent.

Comments:

1. The G73 segment is required when G7201 contains code "499" or "999"; however, the use of these codes is discouraged.

G73   Allowance or Charge Description

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

Pos: 0800   **Max: 10**

Detail - Optional

Loop: 0310   Elements: 1

</div>

User Option (Usage): Used

Purpose: To describe the allowance or charge in free-form format

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7301	369	**Free-form Description**	M	AN	1/45	Must use

Description: Free-form descriptive text

Comments:

1. Use of the G73 segment requires concurrent use of a corresponding allowance/charge segment.

G31   Total Invoice Quantity

| Pos: 0100   Max: 1 |
| Summary - Mandatory |
| Loop: N/A   Elements: 2 |

User Option (Usage): Must use

Purpose: To specify summary details of total items shipped in terms of quantity, weight, and volume, and to specify payment method

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G3101	382	**Number of Units Shipped**	M	R	1/10	Must use

Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

| G3102 | 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: 1)

Code	Name
UN	Unit

Syntax Rules:

1. P0304 - If either G3103 or G3104 is present, then the other is required.
2. P0506 - If either G3105 or G3106 is present, then the other is required.
3. C0704 - If G3107 is present, then G3104 is required.

Semantics:

1. G3110 should only be used to express the quantity of third party pallets
2. G3111 is the gross weight of third party pallets in pounds.

Comments:

1. G3102 qualifies G3101.

G33 Total Dollars Summary

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

User Option (Usage): Must use

Purpose: To specify the total invoice amount, including charges less allowances, before terms discount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G3301	610	**Amount**	M	N2	1/15	Must use

          Description: Monetary amount

SE Transaction Set Trailer

Pos: 0300   Max: 1
Summary - Mandatory
Loop: N/A   Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

> **Description:** Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

> **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Comments:

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