

Sprouts Farmers Market - Stores 880 Grocery Products Invoice

X12/V5010/880 : 880 Grocery Products Invoice

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Notes:	

Table of Contents

880	Grocery Products Invoice	1
ST	Transaction Set Header	3
G01	Invoice Identification	4
N9	Extended Reference Information	5
G61	Contact	6
G62	Date/Time	7
NTE	Note/Special Instruction	8
CAD	Carrier Details	9
G23	Terms of Sale	10
0100	Loop Party Identification	12
N1	Party Identification	13
N3	Party Location	15
N4	Geographic Location	16
0200	Loop Allowance or Charge	17
G72	Allowance or Charge	18
G73	Allowance or Charge Description	20
0300	Loop Item Detail - Invoice	21
G17	Item Detail - Invoice	22
G69	Line Item Detail - Description	24
G20	Item Packing Detail	25
N9	Extended Reference Information	26
0310	Loop Allowance or Charge	27
G72	Allowance or Charge	28
G73	Allowance or Charge Description	30
G31	Total Invoice Quantity	31
G33	Total Dollars Summary	32
SE	Transaction Set Trailer	33

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:

<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	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:

<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 - 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:

<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	G31	Total Invoice Quantity	M	1			Must use
0200	G33	Total Dollars Summary	M	1			Must use

<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>
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

04/22/2025:

- Removed 63 as an allowed G7201 value at the detail and summary level

- Added 525 as an allowed G7201 value at the detail and summary level

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.

G01 Invoice Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

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

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>
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: <i>Invoice Date</i>						
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: <i>If there is no originating Order Number, a Sprouts contract, ticket or account number must be present.</i>						
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)						
<u>Code</u> <u>Name</u>						
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

Pos: 0300	Max: 10
Heading - Mandatory	
Loop: N/A	Elements: 2

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

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

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

Pos: 0400	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Purpose: To identify a person or office to whom 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>
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)						
<u>Code</u> <u>Name</u>						
IC Information Contact						
G6102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
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)						
<u>Code</u> <u>Name</u>						
EM Electronic Mail						
TE Telephone						
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

Pos: 0500	Max: 5
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

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

G6202	373	Date	O	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

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:

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

NTE02	352	Description	M	AN	1/80	Must use
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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:

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

CAD04	140	Standard Carrier Alpha Code	O	ID	2/4	Used
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Description: Standard Carrier Alpha Code

CAD05	387	Routing	O	AN	1/35	Used
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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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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)						
<u>Code</u> <u>Name</u>						
ZZ Mutually Defined						
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)						
<u>Code</u> <u>Name</u>						
1 Ship Date						
3 Invoice Date						
15 Receipt of Goods						
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						
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						
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						
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						
G2309	386	Terms Net Days	X	N0	1/3	Used
Description: Number of days until total invoice amount is due (discount not applicable)						
G2310	362	Terms Discount Amount	O	N2	1/10	Used
Description: Total amount of terms discount						
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:

<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

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

ST Ship To

User Note 1:

Mandatory

N102	93	Name	X	AN	1/60	Used
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Description: Free-form name

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

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

Code Name

92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	X	AN	2/80	Used
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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

Pos: 1200	Max: 2
Heading - Optional	
Loop: 0100	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: 0100	Elements: 4

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)				
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

Pos: 1400	Repeat: 100
Optional	
Loop: 0200	Elements: N/A

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

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>
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

68 Scanner Allowance
90 Performance Allowance

User Note 1:

Used for Marketing Coupons

95 Swell
116 Media Charge

User Note 1:

Used for Pricing/Marketing Charges, Ad Fees, Demo Fees, Merchandising Services, Digital Marketing Fee

491 Tax Credit Allowance
504 Freight
525 Deposit Charge - Resale Item

User Note 1:

Container Deposit

537 State or Province Tax
550 Deposit Charge - Non-Resale Item

User Note 1:

Bottle Deposit

G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
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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

G7208	360	Allowance or Charge Total Amount	M	N2	1/15	Must use
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: 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

Pos: 1500	Max: 10
Heading - Optional	
Loop: 0200	Elements: 1

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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G1701	358	Quantity Invoiced	M	R	1/15	Must use
		Description: Number of units invoiced (supplier units)				
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)				
		<u>Code</u> <u>Name</u>				
		CA Case				
		EA Each				
		LB Pound				
G1703	237	Item List Cost	M	R	1/9	Must use
		Description: Gross unit cost within the appropriate price bracket for a line item				
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				
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)				
		<u>Code</u> <u>Name</u>				
		UK GTIN 14-digit Data Structure				
		VN Vendor's (Seller's) Item Number				
G1706	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
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				

<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: 519, Included: 2)						
<u>Code</u> <u>Name</u>						
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: <i>If the invoice quantity UOM (G1702) is in lbs, the ship quantity and unit of measure must be provided.</i>						
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)						
<u>Code</u> <u>Name</u>						
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:

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

Description: Free-form descriptive text

G20 Item Packing Detail

Pos: 0400	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 3

User Option (Usage): Must use

Purpose: To specify packing details of the items shipped

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>										
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: <i>Must be greater than 0</i>																
G2002	357	Size	X	R	1/8	Used										
Description: Size of supplier units in pack																
User Note 1: <i>Must be greater than 0</i>																
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)																
<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 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

Pos: 0450	Max: 5
Detail - Optional	
Loop: 0300	Elements: 2

User Option (Usage): Used

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

Element Summary:

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

Description: Code qualifying the Reference Identification

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

Code Name

LI Line Item Identifier (Seller's)

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

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:

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

G72 Allowance or Charge

Pos: 0700	Max: 1
Detail - Mandatory	
Loop: 0310	Elements: 4

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

90 Performance Allowance

95 Swell

116 Media Charge

491 Tax Credit Allowance

525 Deposit Charge - Resale Item

User Note 1:

Container Deposit

526 Beverage Tax

537 State or Province Tax

550 Deposit Charge - Non-Resale Item

User Note 1:

Bottle Deposit

G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
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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

G7208	360	Allowance or Charge Total Amount	M	N2	1/15	Must use
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Description: Total dollar amount for the allowance or charge

G7209	332	Percent, Decimal Format	X	R	1/6	Not used
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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

Pos: 0800	Max: 10
Detail - Optional	
Loop: 0310	Elements: 1

User Option (Usage): Used

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

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>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 844, Included: 1)

<u>Code</u>	<u>Name</u>
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UN	Unit
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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:

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

<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.