

Sprouts Farmers Market - Stores 894 Delivery/Return Base Record

X12/V5010/894 : 894 Delivery/Return Base Record

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894 Delivery/Return Base Record

Functional Group=DX

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Delivery/Return Base Record Transaction Set (894) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to enable a Direct Store Delivery (DSD) vendor to communicate the details of a DSD delivery and is to be used during the check-in procedure.

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	G82	Delivery/Return Base Record Identifier	M	1			Must use
0250	N9	Extended Reference Information	M	>1			Must use

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 - LS					1		
0100	LS	Loop Header	O	1			Used
LOOP ID - 0100					9999		
0200	G83	Line Item Detail/Direct Store Delivery	O	1			Used
0400	G72	Allowance or Charge	O	10			Used
0600	LE	Loop Trailer	M	1			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	G72	Allowance or Charge	O	20			Used
0200	G23	Terms of Sale	O	20			Used
0300	G84	Delivery/Return Record of Totals	M	1			Must use
0400	G86	Signature Identification	M	1			Must use
0500	G85	Record Integrity Check	M	1			Must use
0600	SE	Transaction Set Trailer	M	1			Must use

General Usage:

Sprouts Farmers Market - Stores is requiring their DSD Trading Partners to provide an electronic Delivery and Return Record for product delivered to their stores. This transaction represents what was physically delivered and/or returned.

Change History:

06/20/2018

- Added header and line level G7201 qualifier of 526

07/02/2018

- Added G7201 qualifiers of 90, 116, 68 at the header and line item level.

08/10/2018

- Added The G8309 element as mandatory. The pack value must always be provided.

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 G8309: Must be greater than 0

7/20/2021

- Updated user note for G8203 to Sprouts DUNS Number - 079728991

7/29/2022

- Added PD as optional valid N901 code

9/26/2022

- Removed C as allowed G8201 code

3/28/2023

- Removed 11 as allowed N901 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.

G82 Delivery/Return Base Record Identifier

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 9

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage				
G8201	478	Credit/Debit Flag Code	M	ID	1/1	Must use				
Description: Code indicating whether amount is a credit or debit										
User Note 1: Only D - Debit code is allowed.										
CodeList Summary (Total Codes: 2, Included: 1)										
<table><tr><th>Code</th><th>Name</th></tr><tr><td>D</td><td>Debit</td></tr></table>							Code	Name	D	Debit
Code	Name									
D	Debit									
G8202	861	Supplier's Delivery/Return Number	M	AN	1/22	Must use				
Description: Identifying number assigned by the supplier to the transaction										
G8203	860	D-U-N-S Number	M	ID	9/9	Must use				
Description: Identifying number assigned by Dun & Bradstreet (Data Universal Numbering System)										
User Note 1: Sprouts DUNS Number - 079728991										
G8204	862	Receiver's Location Number	M	AN	1/6	Must use				
Description: Number assigned by the customer that when combined with receiver Duns number uniquely identifies the receiving location										
User Note 1: Sprouts Store Number - 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										
G8205	860	D-U-N-S Number	M	ID	9/9	Must use				
Description: Identifying number assigned by Dun & Bradstreet (Data Universal Numbering System)										
User Note 1: Vendor DUNs number										
G8206	871	Supplier's Location Number	M	AN	1/6	Must use				
Description: Number assigned by supplier that provides uniqueness when combined with sender Duns number										
G8207	872	Physical Delivery or Return Date	M	DT	8/8	Must use				
Description: Actual or intended date of physical delivery or return expressed in format CCYYMMDD where CC represents the first two digits of the calendar year										
G8209	324	Purchase Order Number	O	AN	1/22	Used				
Description: Identifying number for Purchase Order assigned by the orderer/purchaser										
G8210	323	Purchase Order Date	O	DT	8/8	Used				

<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: Date assigned by the purchaser to Purchase Order expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

Comments:

1. When G8201 equals "D" (debit), information in this segment is for a delivery. When G8201 equals "C" (credit), information in this segment is for a return.
2. G8203 is the receiver's DUNS number.
3. G8205 is the supplier's DUNS number.

N9 Extended Reference Information

Pos: 0250	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:

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

IA Internal Vendor Number

User Note 1:

Sprouts assigned Vendor ID - Mandatory

L1 Letters or Notes

PD Promotion/Deal Number

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

User Note 1: *Required when N901 = IA*

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

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 Loop Header

Pos: 0100	Repeat: 1
Optional	
Loop: LS	Elements: N/A

User Option (Usage): Used
Purpose: To indicate that the next segment begins a loop

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	LS	Loop Header	O	1		Used
0200		Loop 0100	M		9999	Must use
0600	LE	Loop Trailer	M	1		Used

LS Loop Header

Pos: 0100	Max: 1
Detail - Optional	
Loop: LS	Elements: 1

User Option (Usage): Used

Purpose: To indicate that the next segment begins a loop

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>
LS01	447	Loop Identifier Code	M	AN	1/4	Must use

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

Semantics:

- One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments:

- See Figures Appendix for an explanation of the use of the LS and LE segments.

Loop Line Item Detail/Direct Store Delivery

Pos: 0200Repeat: 9999MandatoryLoop: 0100Elements: N/A

User Option (Usage): Must use
Purpose: To specify the basic, and most frequently used line item data for the delivery record transaction

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0200	G83	Line Item Detail/Direct Store Delivery	O	1		Used
0400	G72	Allowance or Charge	O	10		Used

G83 Line Item Detail/Direct Store Delivery

Pos: 0200 Max: 1
Detail - Optional
Loop: 0100 Elements: 11

User Option (Usage): Used

Purpose: To specify the basic, and most frequently used line item data for the delivery record 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>
G8301	204	Direct Store Delivery Sequence Number	M	N0	1/4	Must use
		Description: Direct Store Delivery sequential number of the line item detail or a new line item detail				
G8302	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
G8303	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				
G8304	766	U.P.C./EAN Consumer Package 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				
		UPC/EAN Consumer Package Code must be in the 1-5-5-1 format in G8304				
G8305	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				
G8306	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
G8308	237	Item List Cost	M	R	1/9	Must use
		Description: Gross unit cost within the appropriate price bracket for a line item				
G8309	356	Pack	M	N0	1/6	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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>				
G8310	878	Cash Register Item Description	M	AN	1/20	Must use
		Description: The cash register description of an item				
G8311	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: <i>Vendor must include all item identifiers that were present on the Purchase Order</i>				
		CodeList Summary (Total Codes: 519, Included: 2)				
		Code Name				
		UK GTIN 14-digit Data Structure				
		VN Vendor's (Seller's) Item Number				
G8312	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. R0405 - At least one of G8304 or G8305 is required.
2. P0506 - If either G8305 or G8306 is present, then the other is required.
3. C0709 - If G8307 is present, then G8309 is required.
4. P1112 - If either G8311 or G8312 is present, then the other is required.

Comments:

1. G8303 qualifies G8302.

User Note 1:

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

G72 Allowance or Charge

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0100	Elements: 3

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

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>
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: 7)

Code Name

51 Trade Discount
 63 Floor Stock Protection
 90 Performance Allowance
 95 Swell
 116 Media Charge
 526 Beverage Tax
 550 Deposit Charge - Non-Resale Item

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	X	N2	1/15	Used
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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.

LE Loop Trailer

Pos: 0600	Max: 1
Detail - Mandatory	
Loop: LS	Elements: 1

User Option (Usage): Used

Purpose: To indicate that the loop immediately preceding this segment is complete

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>
LE01	447	Loop Identifier Code	M	AN	1/4	Must use

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

Semantics:

- One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

Comments:

- See Figures Appendix for an explanation of the use of the LE and LS segments.

G72 Allowance or Charge

Pos: 0100	Max: 20
Summary - Optional	
Loop: N/A	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: 10)

Code Name

4	Fuel Allowance
14	Handling Out
51	Trade Discount
63	Floor Stock Protection
68	Scanner Allowance
90	Performance Allowance
95	Swell
116	Media Charge
504	Freight
550	Deposit Charge - Non-Resale Item

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	X	N2	1/15	Used
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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.

G23 Terms of Sale

Pos: 0200	Max: 20
Summary - 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.

G84 Delivery/Return Record of Totals

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

User Option (Usage): Must use

Purpose: To specify summary details of total items in terms of quantity or amount

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>
G8402	361	Total Invoice Amount	M	N2	1/10	Must use

Description: Amount of invoice (including charges, less allowances) before terms discount (if discount is applicable)

Syntax Rules:

1. R0102 - At least one of G8401 or G8402 is required.

G86 Signature Identification

Pos: 0400	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To transmit an electronic identity

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>
G8602	93	Name	M	AN	1/60	Must use

Description: Free-form name

Semantics:

1. G8602 is a keyed representation of a signature.

G85

Record Integrity Check

Pos: 0500

Max: 1

Summary - Mandatory

Loop: N/A

Elements: 1

User Option (Usage): Must use

Purpose: To provide a secure method of identifying authenticity of record content

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G8501	866	Integrity Check Value	M	AN	1/12	Must use
Description: Data element providing secure method for identifying authenticity of content. Value calculated by using CRC 16 algorithm						

SE Transaction Set Trailer

Pos: 0600	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.