



# **894 Delivery/Return Base Record - Canada**

VICS EDI

**Version: 005050VICS**

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# 894

## Delivery/Return Base Record - Canada

### 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.

*This implementation guideline of the 894 transaction for Direct Store Delivery is for use in Canada.*

<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>	<u>Page</u>
0000	DXS	DEX/UCS Application Header	M	1			Must use	2

#### 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>	<u>Page</u>
0100	ST	Transaction Set Header	M	1			Must use	4
0200	G82	Delivery/Return Base Record Identifier	M	1			Must use	5
0250	N9	Extended Reference Information	O	>1			Used	7

#### 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>	<u>Page</u>
<b>LOOP ID - LS</b>					<b>1</b>			8
0100	LS	Loop Header	O	1			Used	9
<b>LOOP ID - 0100</b>					<b>9999</b>			10
0200	G83	Line Item Detail/Direct Store Delivery	O	1			Used	11
0300	G22	Pre-Pricing Information	O	1			Used	13
0400	G72	Allowance or Charge	O	10			Used	14
* 0500	G23	Terms of Sale	O	20				N/A
0600	LE	Loop Trailer	M	1			Used	17

#### 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>	<u>Page</u>
0100	G72	Allowance or Charge	O	20			Used	18
0200	G23	Terms of Sale	O	20			Used	20
0300	G84	Delivery/Return Record of Totals	M	1			Must use	22
0400	G86	Signature Identification	M	1			Must use	23
0500	G85	Record Integrity Check	M	1			Must use	24
0600	SE	Transaction Set Trailer	M	1			Must use	25
<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>	<u>Page</u>
0700	DXE	DEX/UCS Application Trailer	M	1			Must use	26

# DXS DEX/UCS Application Header

Pos: 0000	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 6

**User Option (Usage):** Must use

**Purpose:** To provide identification and control information.

*The purpose of this control segment is to provide identification and control information. It must appear as the first data segment in any DEX/UCS transmission.*

## 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>
DXS01	67	<b>Identification Code</b>	M	AN	2/80	Must use

**Description:** Code identifying a party or other code.

*DXS01 contains the sender's identification number. Acceptable values are a UCS Comm ID or GS1 US Global Location Number. No other values may be used.*

*UCS Comm Id - a ten-digit number assigned by GS1 US that uniquely identifies the UCS user. The sender must inform the receiver in advance of the specific ten-digit number that will be used.*

*Global Location Number - a 13 digit number that uniquely identifies the trade party. The sender must inform the receiver in advance of the specific 13-digit number that will be used.*

DXS02	479	<b>Functional Identifier Code</b>	M	ID	2/2	Must use
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**Description:** Code identifying a group of application related transaction sets.

**CodeList Summary** (Total Codes: 260, Included: 1)

<u>Code</u>	<u>Name</u>
DX	Direct Exchange Delivery and Return Information (894, 895)

DXS03	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use
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**Description:** Code indicating the version, release, subrelease and industry identifier of the EDI standard being used.

*A code indicating the version and release of the UCS standards being used.*

*The code is expressed in the form xxxyyyUCS, where xxx is the version, yyy is the release, and UCS indicates the industry subset of the X12 standard. For this document, the correct value is 005040UCS.*

*In a sequence of exchanges consisting of the 894 Base record and one or more 895 Acknowledgment/Adjustment records forming a single record set, all acknowledgment/Adjustment records must use the same version and release as used in the base record.*

*All transaction sets following this DXS Application Header must be coded in the particular version and release listed in this header.*

DXS04	404	<b>Transmission Control Number</b>	M	N0	1/5	Must use
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**Description:** A unique number assigned to the transmission group by the sender.

*In a sequence of transmissions of a base record and one or more acknowledgment/adjustment records, each new transmission by the same party should have a different transmission control number.*

DXS05	67	<b>Identification Code</b>	O	AN	2/80	Used
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**Description:** Code identifying a party or other code.

*DXS05 contains the receiver's identification number. Acceptable values are a ten-digit UCS Comm ID or 13-digit GS1 US Global Location Number.*

DXS06	376	<b>Test Indicator</b>	O	ID	1/1	Recommended
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**Description:** Code indicating whether data enclosed by this interchange envelope is test or

production.

*P - Production Data*  
*T - Test Data*

# ST Transaction Set Header

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

**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

**CodeList Summary** (Total Codes: 319, Included: 1)

<u>Code</u>	<u>Name</u>
894	Delivery/Return Base Record

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

*The control number is comprised of the functional group control number (Data Element 28 in the GS segment) followed by a four-digit sequence number. The sequence number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first sequence number will be 0001 and will be incremented by one for each additional transaction set within the group.*

## 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G8201	478	<b>Credit/Debit Flag Code</b>	M	ID	1/1	Must use

**Description:** Code indicating whether amount is a credit or debit

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

<u>Code</u>	<u>Name</u>
C	Credit
D	Debit

G8202	861	<b>Supplier's Delivery/Return Number</b>	M	AN	1/22	Must use
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**Description:** Identifying number assigned by the supplier to the transaction  
*Invoice Number*

G8203	860	<b>D-U-N-S Number</b>	O	ID	9/9	Used
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**Description:** Identifying number assigned by Dun & Bradstreet (Data Universal Numbering System)  
*See External Code Source 16 in Section III for reference document. Receiver's Duns number.*

G8204	862	<b>Receiver's Location Number</b>	M	AN	1/13	Must use
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**Description:** Number assigned by the customer to uniquely identify the receiving location  
*Number assigned by the customer to uniquely identify the receiving location. G8204 may accommodate the Receiver's GS1 GLN (Global Location Number).*

G8205	860	<b>D-U-N-S Number</b>	O	ID	9/9	Used
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**Description:** Identifying number assigned by Dun & Bradstreet (Data Universal Numbering System)  
*See External Code Source 16 in Section III for reference document. Supplier's Duns Number*

G8206	871	<b>Supplier's Location Number</b>	M	AN	1/13	Must use
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**Description:** Number assigned by supplier to uniquely identify the supplier's location  
*Route Number or Driver Number or Global Location Number (GLN). Number assigned by the supplier to uniquely identify the supplier's location.*

G8207	872	<b>Physical Delivery or Return Date</b>	M	DT	8/8	Must use
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**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

G8211	146	<b>Shipment Method of Payment</b>	O	ID	2/2	Used
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**Description:** Code identifying payment terms for transportation charges  
*For all air shipments, use code in IATA rule 650. For Warehouse Transaction Set usage only*

**CodeList Summary** (Total Codes: 31, Included: 4)

<u>Code</u>	<u>Name</u>
CC	Collect
PB	Customer Pickup/Backhaul
PC	Prepaid but Charged to Customer

PP            Prepaid (by Seller)  
G8212      625      **COD Method of Payment Code**            O    ID            1/1            Used

**Description:** Code indicating method of payment acceptable for C.O.D. charge collection

**CodeList Summary** (Total Codes: 4, Included: 4)

<u>Code</u>	<u>Name</u>
1	Certified or Cashier's Check Only
2	Certified or Cashier's or Company Check Only
3	Certified or Cashier's or Company or Personal Check Only
4	Cash or Certified Check Only

**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.



# N9 Extended Reference Information

Pos: 0250	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

**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: 1777, Included: 4)

<u>Code</u>	<u>Name</u>
08	Carrier Assigned Package Identification Number <b>Description:</b> A reference number assigned by a carrier to uniquely identify a single package
4G	Provincial Tax Identification
4O	Canadian Goods & Services or Quebec Sales Tax Reference Number
LA	Shipping Label Serial Number

N902	127	Reference Identification	X	AN	1/80	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	LS	Loop Header	O	1		Used
0200		Loop 0100	O		9999	Used
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: 0200 Repeat: 9999  
Optional  
Loop: 0100 Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify the basic, and most frequently used line item data for the delivery record transaction

## 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>
0200	G83	Line Item Detail/Direct Store Delivery	O	1		Used
0300	G22	Pre-Pricing Information	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: 8

**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	<b>Direct Store Delivery Sequence Number</b>	M	N0	1/4	Must use

**Description:** Direct Store Delivery sequential number of the line item detail or a new line item detail

*This is the sequential number of the line item detail in the Delivery/Return Base Record Transaction Set (894) or a new line item detail to the Delivery/Return Acknowledgement and/or Adjustment Transaction Set (895).*

G8302	380	<b>Quantity</b>	M	R	1/15	Must use
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**Description:** Numeric value of quantity

G8303	355	<b>Unit or Basis for Measurement Code</b>	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

*The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.*

**CodeList Summary** (Total Codes: 888, Included: 10)

<u>Code</u>	<u>Name</u>
BX	Box
CA	Case
CT	Carton
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
UN	Unit

G8305	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 532, Included: 8)

<u>Code</u>	<u>Name</u>
AC	Aggregation Code (Used to Consolidate Part Families) <i>Used to identify a group (e.g. a style)</i>
CA	Case <i>GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer’s shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.</i>
DI	Deposit Item Number <i>Used for deposit items such as empty bottles that do not contain products for resale.</i>

	EN	GTIN EAN/UCC - 13 Digit Data Structure <b>Description:</b> <i>Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)</i>				
	EO	GTIN EAN/UCC - 8 Digit Data Structure <b>Description:</b> <i>Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)</i>				
	NR	Non-resaleable item (excluding deposit) number				
	UK	GTIN 14-digit Data Structure <b>Description:</b> <i>Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)</i>				
	UP	GTIN UCC - 12 Digit Data Structure <b>Description:</b> <i>Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)</i>				
G8306	234	<b>Product/Service ID</b>	X	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
G8308	237	<b>Item List Cost</b>	O	R	1/9	Used
		<b>Description:</b> Gross unit cost within the appropriate price bracket for a line item <i>Gross unit cost expressed in decimal dollars per unit of measure.</i>				
G8309	356	<b>Pack</b>	X	N0	1/6	Used
		<b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container <i>If G8303 Unit or Basis for Measurement Code = CA, then G8309 Pack is required.</i>				
		<i>The number of retail units per secondary case.</i>				
G8310	878	<b>Cash Register Item Description</b>	O	AN	1/20	Used
		<b>Description:</b> The cash register description of an item				

**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.

# G22 Pre-Pricing Information

Pos: 0300	Max: 1
Detail - Optional	
Loop: 0100	Elements: 5

**User Option (Usage):** Used  
**Purpose:** To specify pre-pricing information

## 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>
G2201	288	Pre-priced Option Code	M	ID	1/1	Must use

**Description:** Code specifying pre-pricing option selected  
*One data element is mandatory if this optional segment is used.*

**CodeList Summary** (Total Codes: 7, Included: 4)

<u>Code</u>	<u>Name</u>
A	Pre-Priced Prices included and price qualifier applies
N	Not Pre-Priced
Y	Pre-Priced (Prices Included)
Z	Pre-Priced (Prices Not Included)

G2202	420	Price New, Suggested Retail	O	N2	2/7	Used
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**Description:** The consumer package price or retail unit price associated with the product applicable on or after an effective price date

G2203	289	Multiple Price Quantity	O	N0	1/2	Used
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**Description:** Quantity of units for a given price, e.g., 3 for \$10.00  
*Used ONLY if G2201 is equal to A. (e.g. if G2202=198 and G2203=3, the pre-price mark reads (3/\$1.98).*

G2204	3	Free-form Message	O	AN	1/60	Used
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**Description:** Free-form text  
*This data element should only be used when information cannot be expressed in machine readable/processable form and is important in the processing of a transaction.*

G2205	373	Date	O	DT	8/8	Used
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

## Semantics:

1. If G2201 equals "A", then G2202 and G2203 are required.
2. If G2201 equals "Y", then G2202 is required.
3. G2205 is the effective date of the price information.

## Comments:

1. If G2201 equals "Z" or G2201 equals "N", then neither G2202 nor G2203 are required.

# G72 Allowance or Charge

Pos: 0400	Max: 10
Detail - Optional	
Loop: 0100	Elements: 11

**User Option (Usage):** Used

**Purpose:** To specify allowances, charges, or services

*If an adjustment needs to be made to one or more of the G72 segments for an item, the entire set of G72 segments for the item should be replaced with a complete, new set. (This convention is invoked in order to avoid ambiguity concerning the segment being adjusted).*

## 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

*For Deposit Charges associated with Resale Items should be set equal to "525" to indicate a deposit charge*

**CodeList Summary** (Total Codes: 127, Included: 5)

Code	Name
97	Cents Off
525	Deposit Charge - Resale Item
527	Environmental Handling Charge
	<i>Use of this code is appropriate for the USA Bottle Bills - Hawaii Solid Waste Management: Deposit Beverage Container Law (Action 176) handling fee.</i>
537	State or Province Tax
990	Goods and Services Charge

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: 4)

Code	Name
01	Bill Back
02	Off Invoice
	<i>Allowance included on invoice</i>
06	Charge to be Paid by Customer
	<i>Charge included on invoice</i>
15	Information Only
	<b>Description:</b> <i>When this code is used, the allowance or charge amounts are not to be added or subtracted from the transaction; the data is being provided for information purposes only</i>
	<i>When this code is used, the allowance or charge amounts are not to be added or subtracted from the transaction; the data is being provided for information purposes only.</i>

G7203	341	Allowance or Charge Number	X	AN	1/16	Used
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**Description:** The number assigned by a vendor referencing an allowance, promotion, deal or charge

G7204	769	Exception Number	O	AN	1/16	Used
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**Description:** A unique number identifying an exception or modification to an offered or existing promotion

G7205	359	Allowance or Charge Rate	X	R	1/15	Used
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**Description:** Allowance or Charge Rate per Unit

*This data element is used if the allowance or charge is specified in terms of a rate (e.g. a*



*dollar amount per unit. It is Positive for CHARGES and Negative for ALLOWANCES.*

G7206 339 **Allowance or Charge Quantity** X R 1/10 Used

**Description:** Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity

G7207 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

*The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.*

*G7207 and G7206 specify the quantity and unit of measure to which the rate in G7205 is applied. They should only be used where these quantities are different from those expressed in G8302 and G8303.*

**CodeList Summary** (Total Codes: 888, Included: 10)

<u>Code</u>	<u>Name</u>
BX	Box
CA	Case
CT	Carton
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
UN	Unit

G7208 360 **Allowance or Charge Total Amount** X N2 1/15 Used

**Description:** Total dollar amount for the allowance or charge  
*In hundredths of dollars.*

G7209 332 **Percent, Decimal Format** X R 1/6 Used

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

G7210 828 **Dollar Basis For Percent** X R 1/9 Used

**Description:** Dollar basis to be used in the percent calculation of the allowance, charge or tax

G7211 770 **Option Number** O AN 1/20 Used

**Description:** A unique number identifying available promotion or allowance options when more than one is offered

### 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:

1. 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:

1. 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: 11

**User Option (Usage):** Used  
**Purpose:** To specify allowances, charges, or services

*This G72 segment is not a summary of the detail G72 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>
G7201	340	<b>Allowance or Charge Code</b>	M	ID	1/3	Must use

**Description:** Code identifying the type of allowance or charge

**CodeList Summary** (Total Codes: 127, Included: 5)

<u>Code</u>	<u>Name</u>
97	Cents Off
525	Deposit Charge - Resale Item
527	Environmental Handling Charge
	<i>Use of this code is appropriate for the USA Bottle Bills - Hawaii Solid Waste Management: Deposit Beverage Container Law (Action 176) handling fee.</i>
537	State or Province Tax
990	Goods and Services Charge

G7202	331	<b>Allowance or Charge Method of Handling Code</b>	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: 4)

<u>Code</u>	<u>Name</u>
01	Bill Back
02	Off Invoice
	<i>Allowance included on invoice</i>
06	Charge to be Paid by Customer
	<i>Charge included on invoice</i>
15	Information Only
	<b>Description:</b> <i>When this code is used, the allowance or charge amounts are not to be added or subtracted from the transaction; the data is being provided for information purposes only</i>
	<i>When this code is used, the allowance or charge amounts are not to be added or subtracted from the transaction; the data is being provided for information purposes only.</i>

G7203	341	<b>Allowance or Charge Number</b>	X	AN	1/16	Used
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**Description:** The number assigned by a vendor referencing an allowance, promotion, deal or charge

G7204	769	<b>Exception Number</b>	O	AN	1/16	Used
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**Description:** A unique number identifying an exception or modification to an offered or existing promotion

G7205	359	<b>Allowance or Charge Rate</b>	X	R	1/15	Used
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**Description:** Allowance or Charge Rate per Unit

G7206	339	<b>Allowance or Charge Quantity</b>	X	R	1/10	Used
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**Description:** Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity

G7207	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used																						
<p><b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  <i>The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.</i></p> <p><b>CodeList Summary</b> (Total Codes: 888, Included: 10)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr><td>BX</td><td>Box</td></tr> <tr><td>CA</td><td>Case</td></tr> <tr><td>CT</td><td>Carton</td></tr> <tr><td>DZ</td><td>Dozen</td></tr> <tr><td>EA</td><td>Each</td></tr> <tr><td>KG</td><td>Kilogram</td></tr> <tr><td>LB</td><td>Pound</td></tr> <tr><td>PK</td><td>Package</td></tr> <tr><td>PL</td><td>Pallet/Unit Load</td></tr> <tr><td>UN</td><td>Unit</td></tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	BX	Box	CA	Case	CT	Carton	DZ	Dozen	EA	Each	KG	Kilogram	LB	Pound	PK	Package	PL	Pallet/Unit Load	UN	Unit
<u>Code</u>	<u>Name</u>																											
BX	Box																											
CA	Case																											
CT	Carton																											
DZ	Dozen																											
EA	Each																											
KG	Kilogram																											
LB	Pound																											
PK	Package																											
PL	Pallet/Unit Load																											
UN	Unit																											
G7208	360	<b>Allowance or Charge Total Amount</b>	X	N2	1/15	Used																						
<b>Description:</b> Total dollar amount for the allowance or charge																												
G7209	332	<b>Percent, Decimal Format</b>	X	R	1/6	Used																						
<b>Description:</b> Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)																												
G7210	828	<b>Dollar Basis For Percent</b>	X	R	1/9	Used																						
<b>Description:</b> Dollar basis to be used in the percent calculation of the allowance, charge or tax																												
G7211	770	<b>Option Number</b>	O	AN	1/20	Used																						
<b>Description:</b> A unique number identifying available promotion or allowance options when more than one is offered																												

**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: 16

**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: 7)

<u>Code</u>	<u>Name</u>
02	End of Month (EOM)
03	Fixed Date
08	Basic Discount Offered
09	Proximo
12	10 Days After End of Month (10 EOM)
14	Previously agreed upon
24	Anticipation

**Description:** A discount allowance given when an invoice is paid before its due date (anticipation = (agreed rate/365) x invoice amount x number of days early)

G2302	333	Terms Basis Date Code	M	ID	1/2	Must use
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**Description:** Code identifying the beginning of the terms period

**CodeList Summary** (Total Codes: 17, Included: 6)

<u>Code</u>	<u>Name</u>
1	Ship Date
2	Delivery Date
3	Invoice Date
4	Specified Date
7	Effective Date
8	Invoice Transmission Date

G2303	282	Terms Start Date	O	DT	8/8	Used
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**Description:** Date from which payment terms are calculated expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

G2304	283	Terms Due Date Qualifier	O	ID	2/2	Used
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**Description:** Code identifying the method to be used for payment in conjunction with due date

**CodeList Summary** (Total Codes: 4, Included: 4)

<u>Code</u>	<u>Name</u>
01	Mailed by Date (Postmark Date)
02	Received by date
03	Electronics Funds Transfer Settlement Date
04	Funds Deposited by Date

G2305	338	Terms Discount Percent	O	R	1/6	Used
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**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
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G2307	351	<b>Terms Discount Days Due</b>	O	N0	1/3	Used
		<b>Description:</b> 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				
G2308	446	<b>Terms Net Due Date</b>	X	DT	8/8	Used
		<b>Description:</b> Number of days in the terms discount period by which payment is due if terms discount is earned				
G2309	386	<b>Terms Net Days</b>	X	N0	1/3	Used
		<b>Description:</b> Number of days until total invoice amount is due (discount not applicable)				
G2310	362	<b>Terms Discount Amount</b>	O	N2	1/10	Used
		<b>Description:</b> Total amount of terms discount				
G2311	391	<b>Discounted Amount Due</b>	O	N2	1/10	Used
		<b>Description:</b> Amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount)				
G2312	390	<b>Amount Subject to Terms Discount</b>	O	N2	1/10	Used
		<b>Description:</b> Amount upon which the terms discount amount is calculated				
G2313	343	<b>Installment Total Invoice Amount Due</b>	O	N2	1/10	Used
		<b>Description:</b> Deferred or installment portion of the total invoice (including charges, less allowances) before terms discount (if discount is applicable)				
G2314	342	<b>Percent of Invoice Payable</b>	O	R	1/5	Used
		<b>Description:</b> Amount of invoice payable expressed in percent				
G2315	3	<b>Free-form Message</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form text <i>This data element should only be used when information cannot be expressed in machine readable/processable form and is important in the processing of a transaction.</i>				
G2316	713	<b>Installment Group Indicator</b>	O	N0	2/2	Used
		<b>Description:</b> The installment group indicator is a 2-digit serial number beginning with 01 (i.e., 01, 02, 03 or 04); it is used to group "elective" terms types in an installment payment situation; the same indicator must be used for all segments in the same installment				

**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: 3

**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>
G8401	380	<b>Quantity</b>	X	R	1/15	Used
<b>Description:</b> Numeric value of quantity <i>G8401 is equal to the sum of all line item detail quantities for G8302.</i>						
G8402	361	<b>Total Invoice Amount</b>	X	N2	1/10	Used
<b>Description:</b> Amount of invoice (including charges, less allowances) before terms discount (if discount is applicable) <i>This is the total delivery/return record amount, after all deposits, charges (positive), and all allowances (negative) have been applied.</i>						
G8403	865	<b>Total Deposit Dollar Amount</b>	O	N2	1/6	Used
<b>Description:</b> Sum of deposit amounts separately identified						

## 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: 2

**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>
G8601	867	<b>Signature</b>	O	AN	1/12	Used
<p><b>Description:</b> Electronic identity. Calculation algorithm obtained from the Uniform Code Council  <i>When used in Direct Store Delivery applications, this is the sender's electronic identity.</i></p>						
G8602	93	<b>Name</b>	O	AN	1/60	Used
<p><b>Description:</b> Free-form name</p>						

## 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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	<b>Number of Included Segments</b>	M	NO	1/10	Must use
<p><b>Description:</b> Total number of segments included in a transaction set including ST and SE segments  <i>When used in the SE segment, the count includes the total number of segments in the transaction including the ST and SE segments.</i></p>						
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<p><b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set  <i>The transaction set control number (SE02) is the same as that used in the corresponding header (ST02).</i></p>						

## Comments:

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

# DXE DEX/UCS Application Trailer

Pos: 0700	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To specify the end of an application message.

*The purpose of this control segment is to delineate the transactions and provide control information. It must appear as the last data segment in each DEX/UCS transmission.*

## 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>
DXE01	404	<b>Transmission Control Number</b>	M	N0	1/5	Must use

**Description:** A unique number assigned to the transmission group by the sender.  
*DXE01 must contain the same control number that was contained in DXS04 for this transmission.*

DXE02	97	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Must use
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**Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.  
*Contains the total count of the transaction sets (irrespective of whether or not they were of the same kind) contained in this transmission envelope.*