

894 Delivery/Return Base Record - Canada

VICS EDI

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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.

Note 1:

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
* 0300	MTX	Text	O	5				N/A

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>
LOOP ID - LS					1			8
0100	LS	Loop Header	O	1			Used	9
LOOP ID - 0100					9999			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	21
0300	G84	Delivery/Return Record of Totals	M	1			Must use	24
0400	G86	Signature Identification	M	1			Must use	25
0500	G85	Record Integrity Check	M	1			Must use	26
0600	SE	Transaction Set Trailer	M	1			Must use	27
<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	28

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.

Note 1:

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	Identification Code	M	AN	2/80	Must use

Description: Code identifying a party or other code.

Note 1: 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.

Note 2: 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.

Note 3: 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	Functional Identifier Code	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)

Code Name

DX Direct Exchange Delivery and Return Information (894, 895)

DXS03	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
-------	-----	----------------------------------------------	---	----	------	----------

Description: Code indicating the version, release, subrelease and industry identifier of the EDI standard being used.

Note 1: A code indicating the version and release of the UCS standards being used.

Note 2: 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 006010UCS.

Note 3: 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.

Note 4: All transaction sets following this DXS Application Header must be coded in the particular version and release listed in this header.

DXS04	404	Transmission Control Number	M	N0	1/5	Must use
-------	-----	-----------------------------	---	----	-----	----------

Description: A unique number assigned to the transmission group by the sender.

Note 1: 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.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DXS05	67	Identification Code	O	AN	2/80	Used
Description: Code identifying a party or other code.						
Note 1: <i>DXS05 contains the receiver's identification number. Acceptable values are a ten-digit UCS Comm ID or 13-digit GS1 US Global Location Number.</i>						
DXS06	376	Test Indicator	O	ID	1/1	Recommended
Description: Code indicating whether data enclosed by this interchange envelope is test or production.						
Note 1: <i>P - Production Data</i> <i>T - Test Data</i>						

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: 320, Included: 1)

Code Name

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

Note 1: 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	Credit/Debit Flag Code	M	ID	1/1	Must use
Description: Code indicating whether amount is a credit or debit						
CodeList Summary (Total Codes: 2, Included: 2)						
Code Name						
C Credit						
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						
Note 1: <i>Invoice Number</i>						
G8203	860	D-U-N-S Number	O	ID	9/9	Used
Description: Identifying number assigned by Dun & Bradstreet (Data Universal Numbering System)						
Note 1: <i>See External Code Source 16 in Section III for reference document. Receiver's Duns number.</i>						
G8204	862	Receiver's Location Number	M	AN	1/13	Must use
Description: Number assigned by the customer to uniquely identify the receiving location						
Note 1: <i>Number assigned by the customer to uniquely identify the receiving location.</i>						
Note 2: <i>G8204 may accommodate the Receiver's GS1 GLN (Global Location Number).</i>						
G8205	860	D-U-N-S Number	O	ID	9/9	Used
Description: Identifying number assigned by Dun & Bradstreet (Data Universal Numbering System)						
Note 1: <i>See External Code Source 16 in Section III for reference document.</i>						
<i>Supplier's Duns Number</i>						
G8206	871	Supplier's Location Number	M	AN	1/13	Must use
Description: Number assigned by supplier to uniquely identify the supplier's location						
Note 1: <i>Route Number or Driver Number or Global Location Number (GLN).</i>						
Note 2: <i>Number assigned by the supplier to uniquely identify the supplier's location.</i>						
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						
G8211	146	Shipment Method of Payment	O	ID	2/2	Used
Description: Code identifying payment terms for transportation charges						

<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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Note 1: For all air shipments, use code in IATA rule 650.

For Warehouse Transaction Set usage only

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

Code Name

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

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

Code Name

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: 1813, Included: 4)

Code Name

08 Carrier Assigned Package Identification Number

Description: 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:

1. 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:

1. 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G8301	204	Direct Store Delivery Sequence Number	M	NO	1/4	Must use

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

Note 1: 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	Quantity	M	R	1/15	Must use
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Description: Numeric value of quantity

G8303	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

Note 1: 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: 903, Included: 10)

Code Name

- BX Box
- CA Case
- CT Carton
- DZ Dozen
- EA Each
- KG Kilogram
- LB Pound
- PK Package
- PL Pallet/Unit Load
- UN Unit

G8305	235	Product/Service ID Qualifier	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: 537, Included: 8)

Code Name

- AC Aggregation Code (Used to Consolidate Part Families)

Note 1:

Used to identify a group (e.g. a style)

- CA Case

Note 1:

Code Name

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.

DI Deposit Item Number

Note 1:

Used for deposit items such as empty bottles that do not contain products for resale.

EN GTIN EAN/UCC - 13 Digit Data Structure

Description: Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)

EO GTIN EAN/UCC - 8 Digit Data Structure

Description: Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)

NR Non-resaleable item (excluding deposit) number

UK GTIN 14-digit Data Structure

Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)

UP GTIN UCC - 12 Digit Data Structure

Description: 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.)

G8306	234	Product/Service ID	X	AN	1/80	Used
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Description: Identifying number for a product or service

G8308	237	Item List Cost	O	R	1/9	Used
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Description: Gross unit cost within the appropriate price bracket for a line item

Note 1: Gross unit cost expressed in decimal dollars per unit of measure.

G8309	356	Pack	X	NO	1/6	Used
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Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

Note 1: If G8303 Unit or Basis for Measurement Code = CA, then G8309 Pack is required.

The number of retail units per secondary case.

G8310	878	Cash Register Item Description	O	AN	1/20	Used
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Description: 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

Note 1: One data element is mandatory if this optional segment is used.

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

Code Name

- 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

Note 1: 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

Note 1: 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

Note 1:

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:

<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

Note 1: *For Deposit Charges associated with Resale Items should be set equal to "525" to indicate a deposit charge*

CodeList Summary (Total Codes: 128, Included: 7)

Code Name

- 97 Cents Off
- 490 Goods and Services Credit Allowance

Note 1:

Canadian GST or Harmonized Credit Allowance

- 525 Deposit Charge - Resale Item
- 527 Environmental Handling Charge

Note 1:

Code may be used to convey the USA Bottle Bills - Hawaii Solid Waste Management: Deposit Beverage Container Law (Action 176) handling fee.

Note 2:

Code may be used to convey a recycling fee.

- 537 State or Province Tax
- 570 Recycling Fee
- 990 Goods and Services Charge

Note 1:

Canadian GST or Harmonized Sales Tax

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

Note 1:

Allowance included on invoice

- 06 Charge to be Paid by Customer

Code Name

Note 1:

Charge included on invoice

15 Information Only

Description: *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*

Note 1:

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.

G7203	341	Allowance or Charge Number	X	AN	1/16	Used
		Description:	The number assigned by a vendor referencing an allowance, promotion, deal or charge			
G7204	769	Exception Number	O	AN	1/16	Used
		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
		Description:	Allowance or Charge Rate per Unit			
		Note 1:	<i>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.</i>			
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			
		Note 1:	<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>			
			<i>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.</i>			

CodeList Summary (Total Codes: 903, Included: 10)

Code Name

- 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						
Note 1: <i>In hundredths of dollars.</i>						
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

Note 1:

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	Allowance or Charge Code	M	ID	1/3	Must use

Description: Code identifying the type of allowance or charge

CodeList Summary (Total Codes: 128, Included: 7)

Code Name

- 97 Cents Off
- 490 Goods and Services Credit Allowance

Note 1:

Canadian GST or Harmonized credit allowance

- 525 Deposit Charge - Resale Item
- 527 Environmental Handling Charge

Note 1:

Code may be used to convey the USA Bottle Bills - Hawaii Solid Waste Management: Deposit Beverage Container Law (Action 176) handling fee.

Note 2:

Code may be used to convey a recycling fee.

- 537 State or Province Tax
- 570 Recycling Fee
- 990 Goods and Services Charge

Note 1:

Canadian GST or Harmonized Sales Tax

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
- 06 Charge to be Paid by Customer
- 15 Information Only

Note 1:

Allowance included on invoice

Note 1:

Charge included on invoice

Code Name

Description: 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

Note 1:

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.

G7203	341	Allowance or Charge Number	X	AN	1/16	Used
		Description: The number assigned by a vendor referencing an allowance, promotion, deal or charge				
G7204	769	Exception Number	O	AN	1/16	Used
		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
		Description: Allowance or Charge Rate per Unit				
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				
		Note 1: 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: 903, Included: 10)

Code Name

- 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				
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

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

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)

Code Name

- 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)

Code Name

- 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)

Code Name

- 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
		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				
G2311	391	Discounted Amount Due	O	N2	1/10	Used
		Description: Amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount)				
G2312	390	Amount Subject to Terms Discount	O	N2	1/10	Used
		Description: Amount upon which the terms discount amount is calculated				
G2313	343	Installment Total Invoice Amount Due	O	N2	1/10	Used
		Description: Deferred or installment portion of the total invoice (including charges, less allowances) before terms discount (if discount is applicable)				
G2314	342	Percent of Invoice Payable	O	R	1/5	Used
		Description: Amount of invoice payable expressed in percent				
G2315	3	Free-form Message	O	AN	1/60	Used
		Description: Free-form text				
		Note 1: <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	Installment Group Indicator	O	N0	2/2	Used
		Description: 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	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
Note 1: G8401 is equal to the sum of all line item detail quantities for G8302.						
G8402	361	Total Invoice Amount	X	N2	1/10	Used
Description: Amount of invoice (including charges, less allowances) before terms discount (if discount is applicable)						
Note 1: This is the total delivery/return record amount, after all deposits, charges (positive), and all allowances (negative) have been applied.						
G8403	865	Total Deposit Dollar Amount	O	N2	1/6	Used
Description: 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	Signature	O	AN	1/12	Used
<p>Description: Electronic identity. Calculation algorithm obtained from the Uniform Code Council</p> <p>Note 1: <i>When used in Direct Store Delivery applications, this is the sender's electronic identity.</i></p>						
G8602	93	Name	O	AN	1/60	Used
<p>Description: 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	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

Note 1: When used in the SE segment, the count includes the total number of segments in the transaction including the ST and SE segments.

SE02	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

Note 1: The transaction set control number (SE02) is the same as that used in the corresponding header (ST02).

Comments:

- 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.

Note 1:

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	Transmission Control Number	M	N0	1/5	Must use

Description: A unique number assigned to the transmission group by the sender.

Note 1: *DXE01 must contain the same control number that was contained in DXS04 for this transmission.*

DXE02	97	Number of Transaction Sets Included	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.

Note 1: *Contains the total count of the transaction sets (irrespective of whether or not they were of the same kind) contained in this transmission envelope.*