



895 Delivery/Return Acknowledgment or Adjustment - Canada

VICS EDI

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895

Delivery/Return Acknowledgment or Adjustment - Canada

Functional Group=DX

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Delivery/Return Acknowledgment or Adjustment Transaction Set (895) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to enable a distributor or Direct Store Delivery (DSD) vendor to communicate adjustments to a DSD delivery or to acknowledge the completion of a delivery. The transaction set contains changes to the Delivery/Return Base Record identified during the check-in procedure. A Delivery/Return Acknowledgment and/or Adjustment Transaction containing no changes is considered to be an acceptance of the preceding Base Record or Adjustment. The transaction set will contain only the detail data which is to be changed.

VICS EDI Implementation Guideline for Direct Store Delivery within Canada.

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
0000	DXS	DEX/UCS Application Header	M	1			Must use	3

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
0100	ST	Transaction Set Header	M	1		N1/0100	Must use	5
0200	G87	Delivery/Return Adjustment Identification	M	1			Must use	6
0300	G88	Delivery/Return Identification Adjustment	O	1			Used	7

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
LOOP ID - LS					1			8
0100	LS	Loop Header	O	1			Used	9
LOOP ID - 0100					9999			10
0200	G89	Line Item Detail - Adjustment	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	16

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
0100	G72	Allowance or Charge	O	20			Used	17
0200	G23	Terms of Sale	O	20			Used	19
0300	G84	Delivery/Return Record of Totals	O	1			Used	21
0400	G86	Signature Identification	M	1			Must use	22
0500	G85	Record Integrity Check	M	1			Must use	23
0600	SE	Transaction Set Trailer	M	1			Must use	24
Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
0700	DXE	DEX/UCS Application Trailer	M	1			Must use	25

Notes:

1/0100 The individual data fields will contain replacement values, not differences. The authentication code in the identification segment will contain the corresponding authentication code from the authentication segment

in the Base or Adjustment Transaction immediately preceding it.

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	Identification Code	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	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)

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

DXS03	480	Version / Release / Industry Identifier Code	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	Transmission Control Number	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	Identification Code	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	Test Indicator	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>
895	Delivery/Return Acknowledgment or Adjustment

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.

G87 Delivery/Return Adjustment Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

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>
G8701	868	Initiator Code	M	ID	1/1	Must use
Description: Code identifying initiator of the transaction						
CodeList Summary (Total Codes: 2, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		R	Receiver			
		S	Supplier			
G8702	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)						
		<u>Code</u>	<u>Name</u>			
		C	Credit			
			<i>(Return)</i>			
		D	Debit			
			<i>(Delivery)</i>			
G8703	861	Supplier's Delivery/Return Number	M	AN	1/22	Must use
Description: Identifying number assigned by the supplier to the transaction						
<i>Invoice Number</i>						
G8704	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						
<i>This element should duplicate the value contained in the data element G8501 of the base record.</i>						
G8705	869	Adjustment Sequence Number	M	NO	1/1	Must use
Description: Sequential number for adjustment beginning with 1 and incremented by 1 for each additional adjustment regardless of which party is the originator						
G8706	870	Receiver Delivery/Return Number	O	AN	1/22	Used
Description: Identifying number assigned by the customer to the transaction						
<i>This element provides the transaction number assigned by the receiver to identify this particular record set.</i>						

Comments:

1. G8704 must contain the integrity check value from the G85 (Record Integrity Check) segment in the preceding base or adjustment transaction.

G88 Delivery/Return Identification Adjustment

Pos: 0300	Max: 1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

Purpose: To transmit adjustments for identification data

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>
G8801	872	Physical Delivery or Return Date	O	DT	8/8	Used
<p>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 <i>Corresponds to G8207 in the base record. Can be used to supply a REVISED value.</i></p>						
G8802	873	Product Ownership Transfer Date	O	DT	8/8	Used
<p>Description: Date which is meaningful for both supplier and distributor for various mutually defined purposes (i.e., date of product ownership transfer) expressed in format CCYYMMDD where CC represents the first two digits of the calendar year <i>Corresponds to G8208. Can be used to supply a revised value.</i></p>						
G8803	324	Purchase Order Number	O	AN	1/22	Used
<p>Description: Identifying number for Purchase Order assigned by the orderer/purchaser <i>Corresponds to G8209. Can be used to supply a revised value.</i></p>						
G8804	323	Purchase Order Date	O	DT	8/8	Used
<p>Description: Date assigned by the purchaser to Purchase Order expressed in format CCYYMMDD where CC represents the first two digits of the calendar year <i>Corresponds to G8210. Can be used to supply a revised value.</i></p>						
G8805	862	Receiver's Location Number	O	AN	1/13	Used
<p>Description: Number assigned by the customer to uniquely identify the receiving location <i>Corresponds to G8204. Can be used to supply a revised value.</i></p>						

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 - Adjustment

Pos: 0200	Repeat: 9999
Optional	
Loop: 0100	Elements: N/A

User Option (Usage): Used

Purpose: To transmit line-item detail adjustments

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	G89	Line Item Detail - Adjustment	O	1		Used
0300	G22	Pre-Pricing Information	O	1		Used
0400	G72	Allowance or Charge	O	10		Used

G89 Line Item Detail - Adjustment

Pos: 0200 Max: 1
 Detail - Optional
 Loop: 0100 Elements: 8

User Option (Usage): Used
Purpose: To transmit line-item detail adjustments

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>																						
G8901	204	Direct Store Delivery Sequence Number	M	N0	1/4	Must use																						
<p>Description: Direct Store Delivery sequential number of the line item detail or a new line item detail <i>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). Corresponds to G8301 of the base record.</i></p>																												
G8902	380	Quantity	O	R	1/15	Used																						
<p>Description: Numeric value of quantity</p>																												
G8903	355	Unit or Basis for Measurement Code	O	ID	2/2	Used																						
<p>Description: 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>CodeList Summary (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																											
G8905	235	Product/Service ID Qualifier	X	ID	2/2	Used																						
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>CodeList Summary (Total Codes: 532, Included: 8)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>AC</td> <td>Aggregation Code (Used to Consolidate Part Families) <i>Used to identify a group (e.g. a style).</i></td> </tr> <tr> <td>CA</td> <td>Case <i>CA - 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></td> </tr> <tr> <td>DI</td> <td>Deposit Item Number <i>Used for deposit items such as empty bottles that do not contain products</i></td> </tr> </tbody> </table>							<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>CA - 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</i>														
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DI	Deposit Item Number <i>Used for deposit items such as empty bottles that do not contain products</i>																											

							<i>for resale.</i>
	EN	GTIN EAN/UCC - 13 Digit Data Structure					Description: <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					Description: <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					<i>Used to identify items that are not for resale (example display racks).</i>
	UK	GTIN 14-digit Data Structure					Description: <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					Description: <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>
G8906	234	Product/Service ID	X	AN	1/48		Used
		Description: Identifying number for a product or service					
G8908	237	Item List Cost	O	R	1/9		Used
		Description: 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>					
G8909	356	Pack	O	N0	1/6		Used
		Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container					
G8910	810	Inner Pack	O	N0	1/6		Used
		Description: The number of eaches per inner container					

Syntax Rules:

1. P0506 - If either G8905 or G8906 is present, then the other is required.
2. P1112 - If either G8911 or G8912 is present, then the other is required.

G22 Pre-Pricing Information

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

User Option (Usage): Used

Purpose: To specify pre-pricing information

If an adjustment needs to be made in this data segment, the entire data segment should be furnished and used to entirely replace the previous G22 segment for this item.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G2201	288	Pre-priced Option Code	M	ID	1/1	Must use

Description: Code specifying pre-pricing option selected

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

Code	Name
A	Pre-Priced Prices included and price qualifier applies <i>The Price listed in the G2202 is for the quantity in G2203.</i>
N	Not Pre-Priced
Y	Pre-Priced (Prices Included) <i>G2202 MUST be used and G2203 must NOT be used.</i>
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 - Pre-Priced Prices included and price qualifier applies.

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

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
	Description: <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
The rate is expressed 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				
		<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>				
		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				
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 G72 detail 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: 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	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)

<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
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	
<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

G7206	339	Allowance or Charge Quantity	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	Unit or Basis for Measurement Code	X	ID	2/2	Used
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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

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

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

<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: 7)

<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
15	Receipt of Goods

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
		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 <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 - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

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 <i>G8401 is equal to the sum of all line item detail quantities for G8302.</i>						
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)						
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
Description: 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>						
G8602	93	Name	O	AN	1/60	Used
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:

<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	NO	1/10	Must use
<p>Description: 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	Transaction Set Control Number	M	AN	4/9	Must use
<p>Description: 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	Transmission Control Number	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	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.
Contains the total count of the transaction sets (irrespective of whether or not they were of the same kind) contained in this transmission envelope.