



Delivery/Return Acknowledgment or Adjustment 004010 UCS

Functional Group=**DX**

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>
020	G87	Delivery/Return Base Adjustment Identification	M	1			Must use
030	G88	Delivery/Return Base Identification Adjustment	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - LS					1		
010	LS	Loop Header	M	1			Must use
LOOP ID - 0100					1		
020	G89	Line Item Detail Adjustment	O	1			Used
040	G72	Line Item Allowance or Charge	O	10			Used
060	LE	Loop Trailer	M	1			Must use

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>
010	G72	Summary Allowance or Charge	O	20			Used
030	G84	Delivery/Return Record of Totals	O	1			Used
040	G86	Signature	M	1			Must use
050	G85	Record Integrity Check	M	1			Must use

G87 Delivery/Return Base Adjustment Identification

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use

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 Code identifying initiator of the transaction	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		R Receiver				
		S Sender				
G8702	478	Credit/Debit Flag Code Code indicating whether amount is a debit or a credit	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		C Credit				
		D Debit				
G8703	861	Supplier's Delivery/Return Number The Supplier's Invoice Number Example Data: 1234567890	M	AN	1/22	Must use
G8704	866	Integrity Check Value A data element providing a secure method for identifying authenticity of content. The value may be calculated by using the CRC 16 algorithm. If the supplier opted not to use this field for this purpose in data element G8501 of the base record, Kroger's system will automatically generate the four digit CRC value.	M	AN	1/12	Must use
G8705	869	Adjustment Number Sequential number for adjustment beginning with 1 and incremented by 1 for each additional adjustment regardless of which party is the originator. Example Data: 1	M	NO	1/1	Must use
G8706	870	Suppliers Location Number Number assigned by vendor that when combined with Supplier's DUNS Number uniquely identifies the supplier location. This field becomes insignificant if there is only one supplier location for the entire receiving Kroger division, but is still a mandatory field. Example Data: 1	M	AN	1/6	Must use

G88 Delivery/Return Base Identification Adjustment

Pos: 030	Max: 1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

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/Return Date Actual or intended date of physical delivery or return expressed in format CCYYMMDD	O	DT	8/8	Used
G8802	873	Product Ownership Transfer Date Date which is meaningful for both supplier and distributor for various mutually defined purposes expressed in format CCYYMMDD	O	DT	8/8	Used
G8803	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser.	O	AN	1/22	Used
G8804	323	Purchase Order Date Date assigned by the purchaser to Purchase Order expressed in format CCYYMMDD	O	DT	8/8	Used
G8805	862	Receiver's Location Number Number assigned by the customer that when combined with receiver Duns number uniquely identifies the receiving location.	O	AN	1/6	Used

LS Loop Header

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LS	Elements: 1

User Option (Usage): Must use.

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 The loop ID number, typically '0100' is used. The LE01 field must mirror the number in this field to close the loop. Example Data: 0100	M	AN	1/6	Must use

G89 Line Item Detail Adjustment

Pos: 020	Max: 1
Detail - Optional	
Loop: 100	Elements: 10

User Option (Usage): Used

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 Direct Store Delivery sequential number of the line item detail or a new line item detail. It is used to identify the line item being adjusted. It corresponds to the G8301 in the Line Item Detail segment of the base record. If a new item has been added to the record, the next available sequence number will	M	NO	1/4	Must use

have been assigned. The line items in the base records are numbered 1, 2, 3, ...N. New items added in acknowledgment/adjustment records will be number N+1, N+2, etc...
 If a new item has been added, all of the data element rules from the G83 segment concerning mandatory, optional, paired, ... conditions carry over to the corresponding data elements in this G89 segment.
 Example Data: 1

G8902	380	Quantity Numeric value of quantity being delivered. The unit of measure for this value follows in the G8903 field. For credit invoices, this number must still be positive. The system determines whether or not the invoice is a credit or a debit by the G8201 field. Example Data: 1	M	R4	1/15	Must use								
G8903	355	Unit or Basis for Measurement Code Code specifying the units in which the quantity (G8302) is being expressed. <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CA</td> <td>Cases</td> </tr> <tr> <td>EA</td> <td>Eaches</td> </tr> <tr> <td>LB</td> <td>Pounds</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CA	Cases	EA	Eaches	LB	Pounds	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>													
CA	Cases													
EA	Eaches													
LB	Pounds													
G8904	766	UPC UPC identifying the retail shelf unit. Syntax is 0LMMMMMIIII where L = Leading UPC Check Digit, M = Manufacturer ID, and IIII = Product ID. Example Data: UPC 0-12345-67890 would be transmitted as '001234567890'. The trailing UPC check digit is always ignored and should not be included under any circumstances.	M	N0	12/12	Must use								
G8905	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (G8906) Example Data: 'UK' - Global Trade Identification Number	O	AN	2/2	Used								
G8906	234	Product/ Service ID Identifying number for a product or service.	O	AN	1/48	Used								
G8908	237	Item List Cost Gross unit cost of the line item per receiving unit of measure. Extended cost would be the number in this field multiplied by the G8302, plus or minus any G72 charges or allowances. Example Data: 1.23	M	R4	1/9	Must use								
G8909	356	Pack Number of inner containers or eaches per outer container. Example Data: 12	O	N0	1/6	Used								
G8910	810	Inner Pack The number of eaches per inner container	O	N0	1/6	Used								

G72 Line Item Allowance or Charge

Pos: 040	Max: 10
Summary - Optional	
Loop: 100	Elements: 5

User Option (Usage): Used

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G7201	340	Allowance or Charge Code Code identifying the type of allowance or charge	M	ID	1/3	Must use
		Code 47		Name Price and Marketing Allowance		
				Note: Currently, only code 47 is used. For a complete list of codes, refer to your UCS for DSD Implementation and User Guide, Appendix C		
G7202	331	Allowance or Charge Method of Handling Code Code indicating the method of handling for an allowance or charge	M	ID	2/2	Must use
		Code 01		Name Bill Back		
		02		Off Invoice		
		15		Information Only		
				Note: When code 15 is used, the allowance or charge amounts are not to be added or subtracted from the transaction. The information is being provided for information only.		
G7205	359	Allowance or Charge Rate Allowance or charge rate per unit. This number is positive for charges and negative for allowances. Example data: -1.23	M	R4	1/15	Must use

LE Loop Trailer

Pos: 060	Max: 1
Detail - Mandatory	
Loop: LS	Elements: 1

User Option (Usage): Must use

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LE01	447	Loop Identifier Code This must be the same value used in the LS01 field to close the loop. Example Data: 0100	M	AN	1/6	Must use

G72 Summary Allowance or Charge

Pos: 010 Max: 20
 Summary - Optional
 Loop: 100 Elements: 5

User Option (Usage): Used

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 Code identifying the type of allowance or charge	M	ID	1/3	Must use
		<u>Code</u> 47		<u>Name</u> Price and Marketing Allowance		
				Note: Currently, only code 47 is used. For a complete list of codes, refer to your UCS for DSD Implementation and User Guide, Appendix C		
G7202	331	Allowance or Charge Method of Handling Code Code indicating the method of handling for an allowance or charge	M	ID	2/2	Must use
		<u>Code</u> 01 02 15		<u>Name</u> Bill Back Off Invoice Information Only		
				Note: When code 15 is used, the allowance or charge amounts are not to be added or subtracted from the transaction. The information is being provided for information only.		
G7205	359	Allowance or Charge Rate Allowance or charge rate per unit. This number is positive for charges and negative for allowances. Example data: -1.23	M	R4	1/15	Must use

G84 Delivery/Return Record of Totals

Pos: 030 Max: 1
 Summary - Optional
 Loop: N/A Elements: 3

User Option (Usage): Used

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	Total Quantity This quantity is the numerical sum of all G8302 records. Where a mix of units of measure is used, this sum will have no physical meaning, but merely serves as a numerical check. Example Data: 123.456	C	R3	1/15	Used
G8402	361	Total Invoice Amount Total invoice amount, including charges, less allowances. The value in this field should match the sum of all extended line item list costs, minus allowances, if any. A value of "12345" in this field automatically translates to \$123.45. Do not include a decimal in this field. This number must be positive, unless	C	N2	1/10	Used

the allowances exceed the charges. For credits, the value in this field must be positive with the G8201 indicated as 'C' for Credit.
Example Data: 12345

G8403 865 **Total Deposit Dollar Amount** O N2 1/6 Used
Sum of deposit amounts separately identified

G86 Signature

Pos: 040	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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 Electronic identity. This segment may be used to provide a digital signature for verifying the authenticity of the party that generated this base record (and also verify that the contents of the message itself have not been altered). Beyond this, the standard assigns no particular significance, legal or otherwise, to the signature. The digital signature is generated using an algorithm and a secret key chosen by the vendor. The use of this is at the vendor's discretion.	O	AN	1/12	Used
G8602	93	Name Free-form name. This field can be sending to provide a keyed representation of a signature in clear text. Example Data: The Kroger Co.	O	AN	1/60	Used

G85 Record Integrity Check

Pos: 050	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

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 A data element providing a secure method for identifying authenticity of content. The value may be calculated by using the CRC 16 algorithm. If the vendor opts not to use this field for this purpose, the vendor's name will suffice, without spaces, up to 12 characters. Example Data: TheKrogerCo	M	AN	1/12	Must use

Special Scenario

Interpreting the G89 segment:

Case

1. Unauthorized items
2. Authorized items where a quantity of zero was received
3. Authorized items where a quantity adjustment was made, not to 0
4. Authorized items where a Case Pack adjustment was made (See *** note below)
5. Authorized items where a cost adjustment was made but the quantity was correct

Example

G89*1~
 G89*1*~
 G89*1*6~
 G89*1*5*EA*****1.23*5~
 G89*1*****1.23~

*** - Kroger's DSD receiving system defaults the Unit of Measure (UOM) to 'EA'ches when there is a discrepancy between Supplier and Kroger "Case Pack" (G8309) values in the 894. The adjustment information in the G89 will display all information that changed when this scenario occurs (elements 2, 3, 8, and 9 at the very least). Determining the payment amount that the supplier will receive for these items should be done by multiplying the G8902 by the G8908. The G8903 and G8909 are for informational purposes.

DATA SAMPLE

G87*R*D*4889438*INGRAM*1~
G88*20070501~
LS*0100~
G89*1**EA*****18.98~
LE*0100~
G84*12*22782~
G86*0D8D~
G85*EC67~