



# Delivery/Return Acknowledgment or Adjustment 005010 UCS

Functional Group=**DX**

## Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	G87	Delivery/Return Adjustment Identification	M	1			Must use
0200	G88	Delivery/Return Identification Adjustment	O	1			Used
<b>LOOP ID - LS</b>					<b>1</b>		
0300	LS	Loop Header	O	1			Used

## Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
<b>LOOP ID - 0100</b>					<b>9999</b>		
0400	G89	Line Item Detail - Adjustment	O	1			Used
0405	G22	Pre-Pricing Information	O	1			Used
0410	G72	Allowance or Charge	O	10			Used
0415	G23	Terms of Sale	O	20			Used

## Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0800	LE	Loop Trailer	O	1			Used
0900	G72	Allowance or Charge	O	20			Used
01000	G23	Terms of Sale	O	20			Used
01100	G84	Delivery/Return Record of Totals	O	1			Used
01200	G86	Signature Identification	M	1			Must use
01300	G85	Record Integrity Check	M	1			Must use

# G87 Delivery/Return Adjustment Identification

Pos: 0100 Max: 1  
Heading - Mandatory  
Loop: N/A Elements: 5

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	<b>Initiator Code</b> Code identifying initiator of the transaction	M	ID	1/1	Must use						
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>R</td><td>Receiver</td></tr><tr><td>S</td><td>Sender</td></tr></table>	<u>Code</u>	<u>Name</u>	R	Receiver	S	Sender				
<u>Code</u>	<u>Name</u>											
R	Receiver											
S	Sender											
G8702	478	<b>Credit/Debit Flag Code</b> Code indicating whether amount is a debit or a credit	M	ID	1/1	Must use						
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>C</td><td>Credit</td></tr><tr><td>D</td><td>Debit</td></tr></table>	<u>Code</u>	<u>Name</u>	C	Credit	D	Debit				
<u>Code</u>	<u>Name</u>											
C	Credit											
D	Debit											
G8703	861	<b>Supplier's Delivery/Return Number</b> The Supplier's Invoice Number Example Data: 1234567890	M	AN	1/22	Must use						
G8704	866	<b>Integrity Check Value</b> 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	<b>Adjustment Sequence Number</b> 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	N0	1/1	Must use						

# G88 Delivery/Return Identification Adjustment

Pos: 0200 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	<b>Physical Delivery or Return Date</b> Actual or intended date of physical delivery or return expressed in format CCYYMMDD	O	DT	8/8	Used
G8802	873	<b>Product Ownership Transfer Date</b> 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	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser.	O	AN	1/22	Used

G8804	323	<b>Purchase Order Date</b> Date assigned by the purchaser to Purchase Order expressed in format CCYYMMDD	O	DT	8/8	Used
G8805	862	<b>Receiver's Location Number</b> 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

<b>Pos: 0300</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: LS</b>	<b>Elements: 1</b>

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>
LS01	447	<b>Loop Identifier Code</b> 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	1/4	Must use

## G89 Line Item Detail - Adjustment

<b>Pos: 0400</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 8</b>

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	<b>Direct Store Delivery Sequence Number</b> 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 have been assigned. The line items in the base record 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	M	N0	1/4	Must use
G8902	380	<b>Quantity</b> 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	O	R	1/15	Used
G8903	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Used

Code specifying the units in which the quantity (G8302) is being expressed.

<u>Code</u>	<u>Name</u>
CA	Cases
EA	Eaches
LB	Pounds

G8904	766	<b>UPC</b> UPC identifying the retail shelf unit. Syntax is 0LMMMMMMIIII where L = Leading UPC Check Digit, MMMMM = Manufacturer ID, and IIIII = 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.	O	AN	12/12	Used				
G8905	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (G8906) Example Data: 'UK' - Global Trade Identification Number <table><tr><td><u>Code</u></td><td><u>Name</u></td></tr><tr><td>UK</td><td>GTIN 14-digit Data Structure</td></tr></table>	<u>Code</u>	<u>Name</u>	UK	GTIN 14-digit Data Structure	O	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
UK	GTIN 14-digit Data Structure									
G8906	234	<b>Product/Service ID</b> Identifying number for a product or service.	O	AN	1/48	Used				
G8908	237	<b>Item List Cost</b> 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	O	R	1/9	Used				
G8909	356	<b>Pack</b> Number of inner containers or eaches per outer container. Example Data: 12	O	N0	1/6	Used				

## G22 Pre-Pricing Information

Pos: 0405	Max: 1
Detail - Optional	
Loop: 0100	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>
G2201	288	Pre-priced Option Code	M	ID	1/1	Must use
G2202	420	Price New, Suggested Retail	O	N2	2/7	Used
G2203	289	Multiple Price Quantity	O	N0	1/2	Used

## G72 Allowance or Charge

Pos: 0410	Max: 10
Detail - Optional	
Loop: 0100	Elements: 9

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	M	ID	1/3	Must use
		Code identifying the type of allowance or				

charge

**Code**      **Name**

47      Competitive 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	<b>Allowance or Charge Method of Handling Code</b>	M	ID	2/2	Must use
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Code indicating the method of handling for an allowance or charge

**Code**      **Name**

01      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.

G7203	341	<b>Allowance or Charge Number</b>	C	AN	1/16	Used
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G7205	359	<b>Allowance or Charge Rate</b>	C	R	1/15	Used
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Allowance or charge rate per unit. This number is positive for charges and negative for allowances.

Example data: -1.23

G7206	339	<b>Allowance or Charge Quantity</b>	C	R	1/10	Used
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G7207	355	<b>Unit or Basis for Measurement Code</b>	C	ID	2/2	Used
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G7208	360	<b>Allowance or Charge Total Amount</b>	C	N2	1/15	Used
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G7209	332	<b>Percent, Decimal Format</b>	C	R	1/6	Used
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G7210	828	<b>Dollar Basis For Percent</b>	C	R	1/9	Used
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## G23 Terms of Sale

<b>Pos: 0415</b>	<b>Max: 20</b>
<b>Detail - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 11</b>

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>
G2301	336	<b>Terms Type Code</b>	M	ID	2/2	Must use
G2302	333	<b>Terms Basis Date Code</b>	M	ID	1/2	Must use
G2303	282	<b>Terms Start Date</b>	O	DT	8/8	Used
G2304	283	<b>Terms Due Date Qualifier</b>	O	ID	2/2	Used
G2305	338	<b>Terms Discount Percent</b>	O	R	1/6	Used
G2306	370	<b>Terms Discount Due Date</b>	O	DT	8/8	Used
G2307	351	<b>Terms Discount Days Due</b>	O	N0	1/3	Used
G2308	446	<b>Terms Net Due Date</b>	C	DT	8/8	Used
G2309	386	<b>Terms Net Days</b>	C	N0	1/3	Used
G2310	362	<b>Terms Discount Amount</b>	O	N2	1/10	Used
G2315	3	<b>Free-form Message</b>	O	AN	1/60	Used

# LE Loop Trailer

<b>Pos: 0800</b>	<b>Max: 1</b>
<b>Summary - Optional</b>	
<b>Loop: LS</b>	<b>Elements: 1</b>

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>
LE01	447	<b>Loop Identifier Code</b> This must be the same value used in the LS01 field to close the loop. Example Data: 0100	M	AN	1/4	Must use

# G72 Allowance or Charge

<b>Pos: 0900</b>	<b>Max: 20</b>
<b>Summary - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

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	<b>Allowance or Charge Code</b> Code identifying the type of allowance or charge  <u>Code</u> <u>Name</u> 47      Competitive Marketing Allowance <b>Note:</b> Currently, only code 47 is used. For a complete list of codes, refer to your UCS for DSD Implementation and User Guide, Appendix C	M	ID	1/3	Must use
G7202	331	<b>Allowance or Charge Method of Handling Code</b> Code indicating the method of handling for an allowance or charge  <u>Code</u> <u>Name</u> 01      Bill Back 02      Off Invoice 15      Information Only <b>Note:</b> 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.	M	ID	2/2	Must use
G7205	359	<b>Allowance or Charge Rate</b> Allowance or charge rate per unit. This number is positive for charges and negative for allowances. Example data: -1.23	C	R	1/15	Used
G7206	339	<b>Allowance or Charge Quantity</b>	C	R	1/10	Used
G7207	355	<b>Unit or Basis for Measurement Code</b>  <u>Code</u> <u>Name</u> CA      Case EA      Each LB      Pound	C	ID	2/2	Used
G7208	360	<b>Allowance or Charge Total Amount</b>	C	N2	1/15	Used
G7209	332	<b>Percent, Decimal Format</b>	C	R	1/6	Used
G7210	828	<b>Dollar Basis For Percent</b>	C	R	1/9	Used

## G23 Terms of Sale

Pos: 01000	Max: 20
Summary - Optional	
Loop: N/A	Elements: 11

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>
G2301	336	Terms Type Code	M	ID	2/2	Must use
G2302	333	Terms Basis Date Code	M	ID	1/2	Must use
G2303	282	Terms Start Date	O	DT	8/8	Used
G2304	283	Terms Due Date Qualifier	O	ID	2/2	Used
G2305	338	Terms Discount Percent	O	R	1/6	Used
G2306	370	Terms Discount Due Date	O	DT	8/8	Used
G2307	351	Terms Discount Days Due	O	N0	1/3	Used
G2308	446	Terms Net Due Date	C	DT	8/8	Used
G2309	386	Terms Net Days	C	N0	1/3	Used
G2310	362	Terms Discount Amount	O	N2	1/10	Used
G2315	3	Free-form Message	O	AN	1/60	Used

## G84 Delivery/Return Record of Totals

Pos: 01100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

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	<b>Quantity</b> 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	R	1/15	Used
G8402	361	<b>Total Invoice Amount</b> 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 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	C	N2	1/10	Used

## G86 Signature Identification

Pos: 01200	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>
G8601	867	<b>Signature</b> 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

## G85 Record Integrity Check

Pos: 01300	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	<b>Integrity Check Value</b> 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



**Data Example**

G87\*R\*D\*4422147166\*INGRAM\*1~  
LS\*0100~  
G89\*7\*1\*CA\*082011910929\*\*\*\*19.2~  
LE\*0100~  
G84\*44\*96166~  
G86\*FC8B~  
G85\*4C81~