



# Kroger Retail - EDI 880

UCS/V5010/880 : 880 Grocery Products Invoice

<b>Author:</b>	Kroger
<b>Company:</b>	Kroger
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<b>Notes:</b>	EDI 880 specifications for Kroger Retail invoices

# 880 Grocery Products Invoice

Functional Group=**GP**

**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>
0200	G01	Invoice Identification	M	1			Must use
0300	N9	Extended Reference Information	O	10			Used
0500	G62	Date/Time	O	5			Used
0700	CAD	Carrier Details	O	5			Used
0800	G23	Terms of Sale	O	20		N1/0800	Used
0900	G25	F.O.B. Information	O	1			Used
<b>LOOP ID - 0100</b>					<b>10</b>	<b>N1/1000L</b>	
1000	N1	Party Identification	M	1		N1/1000	Must use
1200	N3	Party Location	O	2			Used
1300	N4	Geographic Location	O	1			Used
<b>LOOP ID - 0200</b>					<b>100</b>		
1400	G72	Allowance or Charge	O	1			Used
1500	G73	Allowance or Charge Description	O	10			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>
<b>LOOP ID - 0300</b>					<b>9999</b>	<b>N2/0100L</b>	
0100	G17	Item Detail - Invoice	O	1			Used
0200	G69	Line Item Detail - Description	O	5			Used
0400	G20	Item Packing Detail	O	1			Used
<b>LOOP ID - 0310</b>					<b>100</b>		
0700	G72	Allowance or Charge	O	1			Used
0800	G73	Allowance or Charge Description	O	10			Used

**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>
0100	G31	Total Invoice Quantity	M	1			Must use
0200	G33	Total Dollars Summary	M	1			Must use

# G01 Invoice Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

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

**Purpose:** To transmit identifying dates and numbers for this 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>
G0101	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Note:</b> Date = CCYYMMDD				
G0102	76	<b>Invoice Number</b>	M	AN	1/22	Must use
G0103	373	<b>Date</b>	M	DT	8/8	Must use
		<b>Note:</b> Date = CCYYMMDD				
G0104	324	<b>Purchase Order Number</b>	M	AN	1/22	Must use
		<b>Note:</b> 5 digit PO Number must be returned				

# N9 Extended Reference Information

Pos: 0300	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

**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
N902	127	Reference Identification	X	AN	1/50	Used

# G62 Date/Time

Pos: 0500	Max: 5
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## 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>
G6201	432	Date Qualifier	X	ID	2/2	Used
G6202	373	Date	X	DT	8/8	Used

# CAD Carrier Details

Pos: 0700	Max: 5
Heading - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify transportation details for the transaction

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CAD01	91	Transportation Method/Type Code	M	ID	1/2	Must use
CAD04	140	Standard Carrier Alpha Code	X	ID	2/4	Used
CAD05	387	Routing	X	AN	1/35	Used

# G23 Terms of Sale

Pos: 0800	Max: 20
Heading - Optional	
Loop: N/A	Elements: 12

**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
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
<p><b>Note:</b> If G2305 list a discount% the G2310, 2311, and G2312 are required</p>						
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	X	DT	8/8	Used
G2309	386	Terms Net Days	X	N0	1/3	Used
G2310	362	Terms Discount Amount	O	N2	1/10	Used
G2311	391	Discounted Amount Due	O	N2	1/10	Used
G2312	390	Amount Subject to Terms Discount	O	N2	1/10	Used

# G25 F.O.B. Information

Pos: 0900	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit information pertaining to method of freight payment and transfer of title

## 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>
G2501	146	<b>Shipment Method of Payment</b>	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		CC Collect				
		PB Customer Pickup/Backhaul				
		PP Prepaid (by Seller)				
G2502	433	<b>F.O.B. Point Code</b>	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		02 Destination				
		03 Plant or Producing Location				
		04 Point of Origin				



# N1 Party Identification

Pos: 1000	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

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

**Purpose:** To identify a party by type of organization, name, and code

## 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>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

**Note:** Ralphs must have the vendor remittance information

**Code Name**

- BT Bill-to-Party
- RI Remit To
- SF Ship From
- ST Ship To

N102	93	<b>Name</b>	X	AN	1/60	Used
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N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
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**Code Name**

- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
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# N3 Party Location

Pos: 1200	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

## 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>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<i>Note: Ralphs must have Vendor remittance information</i>				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<i>Note: When sending N101 = 'RI'; you must send N301</i>				

# N4 Geographic Location

Pos: 1300	Max: 1
Heading - Optional	
Loop: 0100	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## 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>
N401	19	City Name	O	AN	2/30	Used
N402	156	State or Province Code	X	ID	2/2	Used
N403	116	Postal Code	O	ID	3/15	Used

**Note:**

*When sending N101 = 'RI'; you must send N401, N402 and N403*

# G72 Allowance or Charge

Pos: 1400	Max: 1
Heading - Optional	
Loop: 0200	Elements: 8

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G7201	340	<b>Allowance or Charge Code</b>	M	ID	1/3	Must use
		<u>Code</u> <u>Name</u>				
		51 Trade Discount				
		52 Quantity Discount				
		54 Pickup Allowance				
		80 Combination Performance and Non-performance				
		90 Performance Allowance				
		95 Swell				
		97 Cents Off				
		501 Taxes				
		504 Freight				
		514 Surcharge (for Tariffs)				
		526 Beverage Tax				
G7202	331	<b>Allowance or Charge Method of Handling Code</b>	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		02 Off Invoice				
		06 Charge to be Paid by Customer				
G7205	359	<b>Allowance or Charge Rate</b>	X	R	1/15	Used
G7206	339	<b>Allowance or Charge Quantity</b>	X	R	1/10	Used
G7207	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
G7208	360	<b>Allowance or Charge Total Amount</b>	X	N2	1/15	Used
		<i>Note: Segment usage is optional but when sending adhere to the requirements. At header level for G72, G7208 is preferred, not G7205. Please include a minus sign in the element if the allowance is to be subtracted from the invoice.</i>				
G7209	332	<b>Percent, Decimal Format</b>	X	R	1/6	Used
G7210	828	<b>Dollar Basis For Percent</b>	X	R	1/9	Used

# G73 Allowance or Charge Description

Pos: 1500	Max: 10
Heading - Optional	
Loop: 0200	Elements: 1

User Option (Usage): Used

Purpose: To describe the allowance or charge in free-form format

### 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>
G7301	369	Free-form Description	M	AN	1/45	Must use

**Note:** Required if G72 at header level is sent

# G17 Item Detail - Invoice

Pos: 0100      Max: 1  
 Detail - Optional  
 Loop: 0300    Elements: 10

**User Option (Usage):** Used

**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions

## 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>
G1701	358	Quantity Invoiced	M	R	1/15	Must use
G1702	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
G1703	237	Item List Cost	X	R	1/9	Used
<b>Note:</b> = Case Cost						
G1704	438	U.P.C. Case Code	X	AN	12/12	Used
<b>Note:</b> Only one of the G1704 or the G1705 & 06 should be sent						
G1705	235	Product/Service ID Qualifier	X	ID	2/2	Used
<b>Note:</b> Only one of the G1704 or the G1705 & 06 should be sent						
<b>Code Name</b>						
UK    GTIN 14-digit Data Structure						
G1706	234	Product/Service ID	X	AN	1/48	Used
<b>Note:</b> GTIN Only one of the G1704 or the G1705 & 06 should be sent						
G1707	235	Product/Service ID Qualifier	X	ID	2/2	Used
G1708	234	Product/Service ID	X	AN	1/48	Used
G1710	382	Number of Units Shipped	X	R	1/10	Used
<b>Note:</b> # Cases shipped						
G1711	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
<b>Note:</b> ="CA"						
All valid standard codes are used.						
G1710 should contain number of cases & G1711 = CA						
Case Cost and Case U.P.C/GTIN are required for processing.						
Random weight info:						
G1701 should represent total weight to be invoiced.						
G1702 should be sent as LB						
G1710 REQUIRED when G1702 is other than CA, send # of cases						
G1711 should be CA qualifier						

# G69 Line Item Detail - Description

Pos: 0200	Max: 5
Detail - Optional	
Loop: 0300	Elements: 1

**User Option (Usage):** Used

**Purpose:** To describe an item in free-form format

## 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>
G6901	369	Free-form Description	M	AN	1/45	Must use

# G20 Item Packing Detail

Pos: 0400	Max: 1
Detail - Optional	
Loop: 0300	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify packing details of the items shipped

## 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>
G2001	356	<b>Pack</b>	O	N0	1/6	Used
G2002	357	<b>Size</b>	X	R	1/8	Used
G2003	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used

**Note:** G2001 and G2002 are required if the information is not contained in the G69.

If G2002 is used, you must send the G2003



# G72 Allowance or Charge

Pos: 0700	Max: 1
Detail - Optional	
Loop: 0310	Elements: 8

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G7201	340	<b>Allowance or Charge Code</b>	M	ID	1/3	Must use
		<b><u>Code</u> <u>Name</u></b>				
		51 Trade Discount				
		52 Quantity Discount				
		54 Pickup Allowance				
		80 Combination Performance and Non-performance				
		90 Performance Allowance				
		97 Cents Off				
		501 Taxes				
		504 Freight				
G7202	331	<b>Allowance or Charge Method of Handling Code</b>	M	ID	2/2	Must use
		<b><u>Code</u> <u>Name</u></b>				
		02 Off Invoice				
		06 Charge to be Paid by Customer				
G7205	359	<b>Allowance or Charge Rate</b>	X	R	1/15	Used
		<b>Note:</b> <i>If an allowance, the rate should be negative (-)</i>				
G7206	339	<b>Allowance or Charge Quantity</b>	X	R	1/10	Used
G7207	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
G7208	360	<b>Allowance or Charge Total Amount</b>	X	N2	1/15	Used
		<b>Note:</b> <i>G7205 is preferred. If G7208 is sent at G72 detail level, value will be determined by G7208 divided by G1701. However, G7205, G7206, G7207 or G7208 or G7209 and G7210 are required. Please include a minus sign in the element if the allowance is to be subtracted from the invoice.</i>				
G7209	332	<b>Percent, Decimal Format</b>	X	R	1/6	Used
G7210	828	<b>Dollar Basis For Percent</b>	X	R	1/9	Used

# G73 Allowance or Charge Description

Pos: 0800	Max: 10
Detail - Optional	
Loop: 0310	Elements: 1

User Option (Usage): Used

Purpose: To describe the allowance or charge in free-form format

### 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>
G7301	369	Free-form Description	M	AN	1/45	Must use

**Note:** Required if G72 at detail level is sent

# G31 Total Invoice Quantity

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 6

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

**Purpose:** To specify summary details of total items shipped in terms of quantity, weight, and volume, and to specify payment method

## 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>
G3101	382	Number of Units Shipped	M	R	1/10	Must use
G3102	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		CA Case				
G3103	81	Weight	X	R	1/10	Used
G3104	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		LB Pound				
		OZ Ounce - Av				
G3105	183	Volume	X	R	1/8	Used
G3106	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		CF Cubic Feet				

# G33 Total Dollars Summary

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

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

**Purpose:** To specify the total invoice amount, including charges less allowances, before terms discount

## 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>
G3301	610	Amount	M	N2	1/15	Must use

**Note:** Net Amount

## Data Sample:

### Sample Data 1:

G01\*20210908\*2509605656\*20210830\*72964~  
 N9\*IA\*18107266~  
 G62\*11\*20210908~  
 CAD\*M\*\*\*USXI\*US XPRESS ENTERPRISES INC~  
 G23\*01\*3\*\*02\*2\*20210927\*18\*20210927\*18\*92109\*4057953\*4605435\*\*\*CIB - FOB Origin - Up to 09/26/2021 you receive 2.000 % disc~  
 G25\*PP\*04~  
 N1\*ST\*PEYTON'S WHSE 181 BLUFFTON IN\*9\*1191030348003~  
 N3\*1111 SOUTH ADAMS STREET~  
 N4\*BLUFFTON\*IN\*46714~  
 N1\*SF\*MWRPC - UNIVERSITY PARK - RPC\*9\*009138033007T~  
 N3\*2400 DRALLE ROAD~  
 N4\*UNIVERSITY PARK\*IL\*60484\*US~  
 N1\*RI\*MY FOOD\*9\*1234567890000~  
 N3\*P.O BOX 1234~  
 N4\*TIDBIT\*OR\*97210~  
 G72\*58\*02\*\*\*\*\*-12858~  
 G73\*Unsaleables~  
 G17\*390\*CA\*40.98\*\*UK\*10012587783624\*\*\*\*390\*CA~  
 G69\*GLAD TLK DS 13GAL 6/45CT~  
 G72\*80\*02\*\*\*\*\*-198900~  
 G73\*OI Discount Amount~  
 G17\*400\*CA\*21.24\*\*UK\*10044600016280\*\*\*\*400\*CA~  
 G69\*CLXDISFWPS CRLMN 6/75CT~  
 G72\*80\*02\*\*\*\*\*-69600~  
 G73\*OI Discount Amount~  
 G17\*960\*CA\*21.24\*\*UK\*10044600016563\*\*\*\*960\*CA~  
 G69\*CLXDISFWPS FRSCNT 6/75CT~  
 G72\*80\*02\*\*\*\*\*-167040~  
 G73\*OI Discount Amount~  
 G17\*45\*CA\*26.35\*\*UK\*10044600301126\*\*\*\*45\*CA~  
 G69\*CLXDISFWPS FRSCNT/LM 5/3X35CT VP SRU~  
 G72\*80\*02\*\*\*\*\*-6975~  
 G73\*OI Discount Amount~

G31\*1795\*UN\*19180\*LB~  
G33\*4150062~

**Sample Data 2:**

G01\*20210909\*9079313915\*20210908\*77546\*0114275632~  
N9\*IA\*38805593~  
G62\*11\*20210909~  
CAD\*M\*\*\*FXFE\*FedEx Freight, Inc.~  
G23\*01\*3\*20210909\*01\*2\*20211004\*25\*20211005\*26\*15653\*766987\*782640~  
G25\*PP\*04\*CINCINNATI, OHIO~  
N1\*RI\*MY FOOD\*9\*1234567890000~  
N3\*P.O BOX 1234~  
N4\*TIDBIT\*OR\*97210~  
N1\*BT\*GHC MERCHANDISE\*9\*1191030348000~  
N3\*2700 E 4TH STREET~  
N4\*HUTCHINSON\*KS\*67501\*US~  
N1\*ST\*PEYTON FOUNTAIN REGIONAL\*9\*1191030348006~  
N3\*11025 CHARTER OAK RANCH ROAD~  
N4\*FOUNTAIN\*CO\*80817\*US~  
G17\*21\*CA\*80.4\*\*UK\*10041100005639\*PI\*0055863\*\*252\*EA~  
G69\*CP SPR LTN SPF30 7FLOZ 12S~  
G20\*12~  
G17\*57\*CA\*84\*\*UK\*10041100005691\*PI\*0020776\*\*684\*EA~  
G69\*CP SPORT LOTION SPF50 7OZ 12S~  
G20\*12~  
G17\*15\*CA\*90\*\*UK\*10041100006759\*PI\*0937938\*\*180\*EA~  
G69\*CP SPORT SPRAY SPF70 5.5OZ 12S~  
G20\*12~  
G31\*1116\*EA\*640.773\*LB~  
G33\*782640~