



Kroger Retail - EDI875

UCS/V5010/875 : 875 Grocery Products Purchase Order

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Company:	KROGER
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Notes:	EDI 875 Specifications for Kroger Retail Grocery Products Purchase order

875 Grocery Products Purchase Order

Functional Group=OG

Purpose: This X12 Transaction Set contains the format establishes the data contents of the Grocery Products Purchase Order Transaction Set (875) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to the placement of purchase orders for finished goods in a retail or wholesale consumer market. This standard can be used by a retailer or wholesaler organization to request delivery of finished goods from a broker or supplier organization. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

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	G50	Purchase Order Identification	M	1			Must use
0300	N9	Extended Reference Information	O	50			Used
0400	G61	Contact	O	3			Used
0500	G62	Date/Time	O	10			Used
0600	NTE	Note/Special Instruction	O	20			Used
0700	G66	Transportation Instructions	O	1			Used
LOOP ID - 0100					10	N1/0900L	
0900	N1	Party Identification	M	1		N1/0900	Must use
1100	N3	Party Location	O	2			Used
1200	N4	Geographic Location	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 - 0300					9999		
0100	G68	Line Item Detail - Product	M	1			Must use
0200	G69	Line Item Detail - Description	O	5			Used
0300	G70	Line Item Detail - Miscellaneous	O	2			Used
LOOP ID - 0310					100		
0600	G72	Allowance or Charge	O	1			Used
0700	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	G76	Total Purchase Order	M	1			Must use

G50 Purchase Order Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

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>
G5001	473	Order Status Code	M	ID	1/1	Must use
		Description: Code identifying purpose of transaction set				
		Code		Name		
		C		Confirmation		
		N		Original		
G5002	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
G5003	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
		Note: 5 digit PO# number				

N9 Extended Reference Information

Pos: 0300	Max: 50
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
		Description: Code qualifying the Reference Identification				
		Code Name				
		AN		Associated Purchase Orders		
		CB		Combined Shipment		
		IA		Internal Vendor Number		
		SI		Shipper's Identifying Number for Shipment (SID)		
N902	127	Reference Identification	X	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

G61 Contact

Pos: 0400	Max: 3
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

Purpose: To identify a person or office to whom communications should be directed

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>
G6101	366	Contact Function Code	M	ID	2/2	Must use
		Description: Code identifying the major duty or responsibility of the person or group named				
		Code Name				
		BD		Buyer Name or Department		
		SC		Schedule Contact		
G6102	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
G6103	365	Communication Number Qualifier	X	ID	2/2	Used
		Description: Code identifying the type of communication number				
		Code Name				
		TE		Telephone		
G6104	364	Communication Number	X	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable				
		Note: Suppliers should use this number provided to initiate contact to the Buyer to resolve conflict on product IDs and shipping conditions, etc.				
G6105	443	Contact Inquiry Reference	O	AN	1/20	Used
		Description: Additional reference number or description to clarify a contact number				

G62 Date/Time

Pos: 0500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 5

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
Description: Code specifying type of date						
Code Name						
02 Delivery Requested on This Date						
10 Requested Ship Date/Pickup Date						
78 Delivery Appointment Scheduled Date						
G6202	373	Date	X	DT	8/8	Used
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
G6203	176	Time Qualifier	X	ID	1/2	Used
Description: Code specifying the reported time						
Code Name						
3 Delivery Appointment Scheduled Time						
G6204	337	Time	X	TM	4/8	Used
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
G6205	623	Time Code	O	ID	2/2	Used
Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow						
Code Name						
LT Local Time						

NTE Note/Special Instruction

Pos: 0600	Max: 20
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

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>
NTE01	363	Note Reference Code	O	ID	3/3	Used
		Description: Code identifying the functional area or purpose for which the note applies				
		Code Name				
		ALL All Documents				
NTE02	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

G66 Transportation Instructions

Pos: 0700	Max: 1
Heading - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To specify transportation instructions relating to the shipment

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>
G6601	146	Shipment Method of Payment	O	ID	2/2	Used
		Description: Code identifying payment terms for transportation charges				
		Code Name				
		CC		Collect		
		PB		Customer Pickup/Backhaul		
		PP		Prepaid (by Seller)		
G6602	91	Transportation Method/Type Code	O	ID	1/2	Used
		Description: Code specifying the method or type of transportation for the shipment				
		Code Name				
		C		Consolidation		
		H		Customer Pickup		
		M		Motor (Common Carrier)		
		R		Rail		
		T		Best Way (Shippers Option)		
G6603	399	Pallet Exchange Code	O	ID	1/1	Used
		Description: Code specifying pallet exchange instructions				
		Code Name				
		2		Exchange Pallets		
G6604	400	Unit Load Option Code	O	ID	2/2	Used
		Description: Code identifying loading or unloading a shipment				
		Code Name				
		01		Palletized		
G6605	387	Routing	O	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				
G6606	433	F.O.B. Point Code	O	ID	2/2	Used
		Description: Code identifying type of F.O.B. point				

<u>Code</u>	<u>Name</u>
02	Destination
04	Point of Origin

N1 Party Identification

Pos: 0900	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	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		Code Name				
		BT		Bill-to-Party		
		ST		Ship To		
		VN		Vendor		
		WH		Warehouse		
N102	93	Name	X	AN	1/60	Used
		Description: Free-form name				
N103	66	Identification Code Qualifier	X	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		Code Name				
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				

N3 Party Location

Pos: 1100	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	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 1200	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

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
		Description: Free-form text for city name				
N402	156	State or Province Code	X	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	X	ID	2/3	Used
		Description: Code identifying the country				

G68 Line Item Detail - Product

Pos: 0100 Max: 1
 Detail - Mandatory
 Loop: 0300 Elements: 13

User Option (Usage): Must use

Purpose: To specify basic and most frequently used purchase order line item 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>
G6801	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
G6802	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<u>Code</u> <u>Name</u>				
		CA Case				
		EA Each				
G6803	237	Item List Cost	O	R	1/9	Used
		Description: Gross unit cost within the appropriate price bracket for a line item				
G6804	438	U.P.C. Case Code	X	AN	12/12	Used
		Description: Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)				
G6805	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u> <u>Name</u>				
		UK GTIN 14-digit Data Structure				
G6806	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
G6807	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<u>Code</u> <u>Name</u>				
		PI Purchaser's Item Code				

G6808	234	Product/Service ID Description: Identifying number for a product or service	X	AN	1/48	Used
G6809	417	Price Bracket Identifier Description: Identifier assigned by the vendor for a specific price bracket	O	AN	1/3	Used
G6810	258	Quantity Cost Description: Cost per unit as expressed in the associated data element 355 (Unit of Measure) whenever unit is different than the quantity ordered	X	N4	1/9	Used
G6811	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	X	ID	2/2	Used
G6812	439	Price List Number Description: Identification number assigned by a vendor to a price list	O	AN	1/16	Used
G6813	440	Price List Issue Number Description: Number assigned to revised or new issues of a price list	O	AN	1/16	Used

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

Description: Free-form descriptive text

G70 Line Item Detail - Miscellaneous

Pos: 0300	Max: 2
Detail - Optional	
Loop: 0300	Elements: 6

User Option (Usage): Used

Purpose: To provide for miscellaneous information relative to a line item

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>
G7001	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				
G7002	357	Size	X	R	1/8	Used
		Description: Size of supplier units in pack				
G7003	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				
G7004	444	Purchase Order Instruction Code	O	ID	2/2	Used
		Description: Code defining the disposition of any difference between the quantity ordered and the quantity available for shipment				
G7007	441	Tax Exempt Code	O	ID	1/1	Used
		Description: Code identifying exemption status from sales and use tax				
		<u>Code</u> <u>Name</u>				
		1 Yes (Tax Exempt)				
		2 No (Not Tax Exempt)				
G7009	416	Pallet Block and Tiers	O	N0	6/6	Used
		Description: Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet				

G72 Allowance or Charge

Pos: 0600 Max: 1
 Detail - Optional
 Loop: 0310 Elements: 3

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	Allowance or Charge Code	M	ID	1/3	Must use

Description: Code identifying the type of allowance or charge

Code Name

- 5 Allowance Non-Performance
- 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
- 526 Beverage 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

Code Name

- 01 Bill Back
- 02 Off Invoice
- 06 Charge to be Paid by Customer

G7205	359	Allowance or Charge Rate	X	R	1/15	Used
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Description: Allowance or Charge Rate per Unit

G73 Allowance or Charge Description

Pos: 0700	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

Description: Free-form descriptive text

G76 Total Purchase Order

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 8

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>
G7601	380	Quantity Description: Numeric value of quantity	M	R	1/15	Must use
G7602	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> CA Case	M	ID	2/2	Must use
G7603	81	Weight Description: Numeric value of weight	X	R	1/10	Used
G7604	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> LB Pound	X	ID	2/2	Used
G7605	183	Volume Description: Value of volumetric measure	X	R	1/8	Used
G7606	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <u>Code Name</u> CF Cubic Feet	X	ID	2/2	Used
G7608	610	Amount Description: Monetary amount	O	N2	1/15	Used
G7609	417	Price Bracket Identifier Description: Identifier assigned by the vendor for a specific price bracket	O	AN	1/3	Used

Data Sample:

SAMPLE with ALL ITEMS Converted to GTINs

G50*N*20210912*72515~
 N9*IA*03306012~
 N9*CB*03209752~
 N9*SI*00103372515~
 N9*AN*72476~
 N9*AN*72477~
 G61*BD*DERRICK JONES*TE*513-387-1253-0~
 G62*02*20210913~
 G62*78*20210913*3*2110*LT~
 NTE*TRA*THIS PURCHASE ORDER IS SUBJECT TO THE TERMS AND CONDITIONS~
 NTE*TRA*ON HTTP://EDI.KROGER.COM~
 G66*PB*H**01~
 N1*ST*KROGER (KRG LLC)*9*1465226283303~
 N3*INTERSTATE WAREHOUSING*700 BARTRAM PARKWAY~
 N4*FRANKLIN*IN*46131*US~
 N1*BT*KROGER (KRG LLC)*9*1465226280000~
 N3*KROGER-ATTN: 040-IWI/WT YOUNG*P.O. BOX 305103~
 N4*NASHVILLE*TN*372305103*US~
 N1*VN*FOODS*9*1234567891234~
 G68*16*CA*25.76**UK*10038794920010*PI*10715~
 G69*CDLN ADOBO CKN CLFLWR RIC~
 G70*8*9*OZ~
 G72*51*02***-2.16~
 G68*32*CA*25.76**UK*10038794920461*PI*10739~
 G69*CDLN SWEET CORN TAMALE~
 G70*8*10*OZ~
 G76*48*CA*243*LB*18*CF**120192~

SAMPLE with NO ITEMS Converted to GTINs

G68*81*CA*12.328*002100034079***PI*00082~
 G69*SNACK DBLS CHOC/VAN~
 G70*12*14*OZ~
 G72*51*02***-2.16~
 G68*51*CA*13.877*002100077869***PI*00269~
 G69*MASH POTATOES~
 G70*8*11.75*OZ~
 G68*180*CA*31.79*004300018062***PI*00338~
 G69*SHRD WHEAT SPN SZ~
 G70*12*16.4*OZ~
 G68*85*CA*13.877*002100077858***PI*00358~
 G69*CHSY AU GRAT POT~
 G70*8*12*OZ~
 G72*51*02***-1.56~

SAMPLE with SOME ITEMS Converted to GTINs

Manufacturer ID 21000 has been converted

Manufacturer ID 43000 has NOT been converted

G68*81*CA*12.328**UK*10021000340799*PI*00082~

G69*SNACK DBLS CHOC/VAN~

G70*12*14*OZ~

G72*51*02***-2.16~

G68*51*CA*13.877**UK*00021000778699*PI*00269~

G69*MASH POTATOES~

G70*8*11.75*OZ~

G68*180*CA*31.79*004300018062***PI*00338~

G69*SHRD WHEAT SPN SZ~

G70*12*16.4*OZ~

G68*85*CA*13.877**UK*00021000778589*PI*00358~

G69*CHSY AU GRAT POT~

G70*8*12*OZ~

G72*51*02***-1.56~

Note: G70 differs for Kroger and Peyton's

KROGER

G69*KRO HOT/FRESH PIZZA CRUST~

G70*12*10*OZ~

PEYTON

G69*KRO HOT/FRESH PIZZA CRUST~

G70*12~