

880 Grocery Products Invoice - Coupon Invoice

UCS/V5010UCS/880

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Company: Kroger

Modified: 11/18/2025

Notes: 880 Grocery Products

Invoice

880 Grocery Products Invoice - Coupon Invoice

Functional Group=GP

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Grocery Products Invoice Transaction Set (880) 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 billing details for finished goods in a retail or wholesale consumer market. The transaction set can be used by the supplier or broker organization to request payment from a retailer or wholesaler organization. This transaction set is to be used for standalone detail billing and cannot be used for statement billing or credit/debit adjustments.

Heading:

Pos	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Notes</u>
0200	G01	Invoice Identification	M	1		
0300	N9	Extended Reference Information	0	10		
0500	G62	Date/Time	0	5		
0600	NTE	Note/Special Instruction	0	20		
0700	CAD	Carrier Details	0	5		
0800	G23	Terms of Sale	0	20		N1/0800
0900	G25	F.O.B. Information	0	1		
LOOP	ID - 0100				<u>10</u>	N1/1000L
1000	N1	Party Identification	M	1		N1/1000
1200	N3	Party Location	0	2		
1300	N4	Geographic Location	0	1		
LOOP	ID - 0200				<u>100</u>	
1400	G72	Allowance or Charge	0	1		
1500	G73	Allowance or Charge Description	0	10		

Detail:

 <u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Notes</u>
LOOP II	D - 0300				<u>9999</u>	N2/0100L
0100	G17	Item Detail - Invoice	0	1		N2/0100
0200	G69	Line Item Detail - Description	0	5		
0400	G20	Item Packing Detail	0	1		
LOOP II	D - 0310				<u>100</u>	
0700	G72	Allowance or Charge	0	1		
 0800	G73	Allowance or Charge Description	0	10		

Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	<u>Repeat</u>	<u>Notes</u>
0100	G31	Total Invoice Quantity	M	1		
0200	G33	Total Dollars Summary	M	1		

Data Sample:

ST*880*7345~

G01*20251106*9035979448*20251004*643048~ N9*BM*0096140377~

G62*11*20251106~ CAD*H***CPU*CPU~ G23*01*3***1*20251121*15*20251122*16*39230*3401440*3440670***Up to 11/21/2025 you receive 1.000 % discount~ G25*CC*04*NEWCOLD ATLANTA DRY~ N1*VN*Supplier Name*9*0012345670000~ N3*P.O. Box 123456~ N4*Omaha*NE*68102*US~ N1*BT*Harris Teeter Supermarket*9*0472793510000~ N3*P.O. Box 400~ N4*Matthews*NC*281060400~ N1*RI*Supplier Name*9*0012345670000~ N3*P.O. Box 409232~ N4*Atlanta*GA*303849232~ N1*ST*Harris Teeter Supermarket*9*0472793510003~ N3*200 Distribution Dr~ N4*Greensboro*NC*274106202*US~ G72*54*02******-48130~ G73*A/C Description~ G17*151*CA*171*001234567891*UK*00012345678910~ G69*Item Description 1~ G20*60*1*CA~ G72*51*02*****-181200~ G73*A/C Description 1~ G17*506*CA*26.5*009876543219*UK*20098765432191~ G69*Item Description 2~ G20*5*1*CA~ G72*51*02******-253000~ G73*A/C Description 2~ G31*657*UN*8203.73*LB~ G33*3440670~ SE*34*7345~

G01 Invoice Identification

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

Purpose: To transmit identifying dates and numbers for this transaction set

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
G0101	373	Date	М	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
G0102	76	Invoice Number	М	AN	1/22	Must use
		Description: Identifying number assigned by issuer				
G0103	373	Date	0	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				
G0104	324	Purchase Order Number	0	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				

Data Sample:

G01*20250726*1-933025*20250726*606478~

N9 Extended Reference Information

Pos: 0300 Max: 10 Heading - Optional Loop: N/A Elements: 3

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
N901	128	Reference Identification Qualifier	М	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
N902	127	Reference Identification	Х	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
N903	369	Free-form Description	Χ	AN	1/45	Used
		Description: Free-form descriptive text				

Data Sample:

N9*BM*694612~

G62 Date/Time

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

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u> G6201	<u>ld</u> 432	Element Name Date Qualifier	<u>Req</u> X	Type ID	Min/Max 2/2	<u>Usage</u> Used
G0201	432	Description: Code specifying type of date Note: G6201 contains code 11 (Shipped On This Date) when providing ship date.	^	טו	2/2	Oseu
		Code Name 11 Shipped on This Date				
G6202	373	Date	Χ	DT	8/8	Used
		Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year				

Data Sample:

G62*11*20250729~

NTE Note/Special Instruction

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

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

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
NTE01	363	Note Reference Code	0	ID	3/3	Used
		Description: Code identifying the functional area or purpose for which the note applies				
NTE02	352	Description	М	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				

Data Sample:

NTE*INV*PRICES MAY BE SUBJECT TO APPLICABLE DISCOUNTS, ALLOWANCES OR REBATES~

CAD Carrier Details

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

Purpose: To specify transportation details for the transaction

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
CAD01	91	Transportation Method/Type Code	М	ID	1/2	Must use
		Description: Code specifying the method or type of transportation for the shipment				
CAD04	140	Standard Carrier Alpha Code	Χ	ID	2/4	Used
		Description: Standard Carrier Alpha Code				
CAD05	387	Routing	Χ	AN	1/35	Used
		Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity				

Data Sample:

CAD*T***SCAC*Misc Suppler~

G23 Terms of Sale

Pos: 0800 Max: 20 Heading - Optional Loop: N/A Elements: 13

Purpose: To specify the terms of sale

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
G2301	336	Terms Type Code	М	ID	2/2	Must use
		Description: Code identifying type of payment terms				
G2302	333	Terms Basis Date Code	М	ID	1/2	Must use
		Description: Code identifying the beginning of the terms period				
G2303	282	Terms Start Date	0	DT	8/8	Used
		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	0	ID	2/2	Used
		Description: Code identifying the method to be used for payment in conjunction with due date				
G2305	338	Terms Discount Percent	0	R3	1/6	Used
		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				
		Note: If G2305 list a discount% the G2310, G2311, and G2312 are required				
G2306	370	Terms Discount Due Date	0	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	Ο	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	Χ	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	Χ	N0	1/3	Used
		Description: Number of days until total				

<u>Ref</u>	<u>ld</u>	Element Name invoice amount is due (discount not applicable)	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
G2310	362	Terms Discount Amount	0	N2	1/10	Used
		Description: Total amount of terms discount				
G2311	391	Discounted Amount Due	0	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	0	N2	1/10	Used
		Description: Amount upon which the terms discount amount is calculated				
G2315	3	Free-form Message	0	AN	1/60	Used
		Description: Free-form text				

Data Sample:

G23*08*2*20250729*01*1*20250814*16*20250815*17*306605*30047254*30660464***Up to 08/14/2025 you receive 1.000 % discount~

G25 F.O.B. Information

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

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

Element Summary:

Description: Code identifying payment terms for transportation charges Code Name CC Collect PB Customer Pickup/Backhaul	
CC Collect	
PP Prepaid (by Seller)	
G2502 433 F.O.B. Point Code M ID 2/2 Mu Description: Code identifying type of F.O.B. point	ust use
 Code Name Destination Plant or Producing Location Point of Origin 	

Data Sample:

G25*PP*02~

N1 **Party Identification**

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

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

Element Summary:

<u>Ref</u> N101	<u>ld</u> 98	Element Name Entity Identifier Code	Req M	<u>Type</u> ID	Min/Max 2/3	<u>Usage</u> Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeNameBTBill-to-PartyRERemit ToRIRemit ToSFShip FromSTShip ToVNVendor				
N102	93	Name	Х	AN	1/60	Used
		Description: Free-form name				
N103	66	Identification Code Qualifier	Χ	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeName9D-U-N-S+4, D-U-N-S Number with F92Assigned by Buyer or Buyer's Agent		aracter S	uffix	
N104	67	Identification Code	Χ	AN	2/80	Used
		Description: Code identifying a party or other code				

Data Sample:

N1*BT*Harris Teeter, Inc.*9*HARRIS~

N1*ST*Harris Teeter, Inc.*9*0472793510005~

N1*RE*Supplier Name*9*1010101010000~

N1*RI*Supplier Name*92*HT006778~ N1*SF*Shipping Point - Supplier**9*0012151360120~ N1*VN*Supplier Company*9*HT001234~

N3 Party Location

Pos: 1200 Max: 2 Heading - Optional Loop: 0100 Elements: 1

Purpose: To specify the location of the named party

Element Summary:

RefIdElement NameReqTypeMin/MaxUsageN301166Address InformationMAN1/55Must use

Description: Address information

Note:

When sending N101 = 'RI'; you must send

N301

Data Sample:

N3*PO Box 12345*~

N4 Geographic Location

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

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u> N401	<u>ld</u> 19	Element Name City Name	Req O	<u>Type</u> AN	Min/Max 2/30	<u>Usage</u> Used
		Description: Free-form text for city name				
N402	156	State or Province Code	Χ	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	0	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		Note: When sending N101 = 'RI'; you must send N401, N402 and N403				

Data Sample:

N4*Chicago*IL*60694-1998~

G72 Allowance or Charge

Pos: 1400 Max: 1 Heading - Optional Loop: 0200 Elements: 6

Purpose: To specify allowances, charges, or services

Element Summary:

<u>Ref</u>	<u>ld</u>	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
		Code Name
		4 Fuel Allowance
		51 Trade Discount
		52 Quantity Discount
		54 Pickup Allowance
		55 Warehouse Allowance
		58 Unsaleable Merchandise Allowance
		62 Freshness/Leaker Allowance
		90 Performance Allowance
		95 Swell
		97 Cents Off
		490 Goods and Services Credit Allowance
		501 Taxes
		503 Special Handling
		504 Freight
		514 Surcharge
		526 Beverage Tax
		990 Goods and Services Charge
		999 Other Charges
G7202	331	Allowance or Charge Method of M ID 2/2 Must use Handling Code
		Description: Code indicating method of handling for an allowance or charge
		Code Name
		02 Off Invoice
		06 Charge to be Paid by Customer
G7205	359	Allowance or Charge Rate X R4 1/15 Used
		Description: Allowance or Charge Rate per Unit
G7206	339	Allowance or Charge Quantity X R3 1/10 Used
		Description: Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
G7207	355	Unit or Basis for Measurement Code	Χ	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				
		Code Name				
		CA Case				
		EA Each				
		LB Pound				
G7208	360	Allowance or Charge Total Amount	Χ	N2	1/15	Used
		Description: Total dollar amount for the allowance or charge				
		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.				

Data Sample:

G72*97*02***-1.8*30*CA~

G73 Allowance or Charge Description

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

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

Element Summary:

RefIdElement NameReqTypeMin/MaxUsageG7301369Free-form DescriptionMAN1/45Must use

Description: Free-form descriptive text **Note:** Required if G72 at header level is

sent

Data Sample:

G73*Off Invoice~

G17 Item Detail - Invoice

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

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

Element Summary:

<u>Ref</u> G1701	<u>ld</u> 358	Element Name Quantity Invoiced	<u>Req</u> M	Type R3	Min/Max 1/15	<u>Usage</u> Must use
		Description: Number of units invoiced (supplier units)				
G1702	355	Unit or Basis for Measurement Code	М	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				
		CodeNameCACaseEAEachLBPound				
G1703	237	Item List Cost	Χ	R4	1/9	Used
		Description: Gross unit cost within the appropriate price bracket for a line item				
G1704	438	U.P.C. Case Code	Χ	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)				
G1705	235	Product/Service ID Qualifier	Χ	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeNamePIPurchaser's Item CodeUKGTIN 14-digit Data StructureUPUCC - 12				
G1706	234	Product/Service ID	Χ	AN	1/48	Used
		Description: Identifying number for a product or service				
G1707	235	Product/Service ID Qualifier	Χ	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				

Ref	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
		CodeNamePIPurchaser's Item CodeVNVendor's (Seller's) Item Number				
G1708	234	Product/Service ID	Χ	AN	1/48	Used
		Description: Identifying number for a product or service				
G1710	382	Number of Units Shipped	Χ	R4	1/10	Used
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
		Note: # Cases shipped				
G1711	355	Unit or Basis for Measurement Code	Χ	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				
		Note:				
		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				
		Code Name				
		CA Case				

Data Sample:

G17*180*CA*7.5*012340100011*UK*10012340100011*PI*81234~ G17*5*CA*187.68*012340100011*UK*10012340100011*VN*NT12345~

G69 Line Item Detail - Description

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

Purpose: To describe an item in free-form format

Element Summary:

RefIdElement NameReqTypeMin/MaxUsageG6901369Free-form DescriptionMAN1/45Must use

Description: Free-form descriptive text

Data Sample:

G69*Item Description~

G20 Item Packing Detail

Pos: 0400 Max: 1 Detail - Optional Loop: 0300 Elements: 5

Purpose: To specify packing details of the items shipped

Element Summary:

<u>Ref</u> G2001	<u>ld</u> 356	Element Name Pack	Req O	<u>Type</u> N0	Min/Max 1/6	<u>Usage</u> Used
		Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container				
G2002	357	Size	Χ	R3	1/8	Used
		Description: Size of supplier units in pack				
G2003	355	Unit or Basis for Measurement Code	Χ	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				
G2004	81	Weight	Χ	R2	1/10	Used
		Description: Numeric value of weight				
G2005	355	Unit or Basis for Measurement Code	Χ	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				

Data Sample:

G20*8*64*0Z~ G20*3***214.68*LB~ G20*12*480*EA~ G20*8*1*CA~

G72 Allowance or Charge

Pos: 0700 Max: 1 Detail - Optional Loop: 0310 Elements: 6

Purpose: To specify allowances, charges, or services

Element Summary:

<u>Ref</u> G7201	<u>ld</u> 340	Element Name Allowance or Charge Code	<u>Req</u> M	<u>Type</u> ID	Min/Max 1/3	<u>Usage</u> Must use
		Description: Code identifying the type of allowance or charge				
		CodeName4Fuel Allowance51Trade Discount52Quantity Discount54Pickup Allowance55Warehouse Allowance58Unsaleable Merchandise Allowance62Freshness/Leaker Allowance90Performance Allowance95Swell97Cents Off490Goods and Services Credit Allowa501Taxes503Special Handling504Freight514Surcharge526Beverage Tax990Goods and Services Charge999Other Charges				
G7202	331	Allowance or Charge Method of Handling Code	М	ID	2/2	Must use
		Description: Code indicating method of handling for an allowance or charge Code Name Of Invoice Charge to be Paid by Customer				
G7205	359	Allowance or Charge Rate Description: Allowance or Charge Rate per Unit Note: If an allowance, the rate should be	X	R4	1/15	Used
G7206	339	negative(-) Allowance or Charge Quantity Description: Quantity basis when allowance or charge quantity is different from the purchase order or invoice	X	R3	1/10	Used

<u>Ref</u>	<u>ld</u>	Element Name quantity	Req	<u>Type</u>	Min/Max	<u>Usage</u>
G7207	355	Unit or Basis for Measurement Code	Χ	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				
		CodeNameCACaseEAEachLBPound				
G7208	360	Allowance or Charge Total Amount	Х	N2	1/15	Used
		Description: Total dollar amount for the allowance or charge				
		Note: 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 are required. Please include a minus sign in the element if the allowance is to be subtracted from the invoice.				

Data Sample:

G72*97*02***-1.8*30*CA~

G73 Allowance or Charge Description

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

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

Element Summary:

RefIdElement NameReqTypeMin/MaxUsageG7301369Free-form DescriptionMAN1/45Must use

Description: Free-form descriptive text **Note:** *Required if G72 at detail level is*

sent

Data Sample:

G73*Off Invoice~

G31 Total Invoice Quantity

Pos: 0100 Max: 1 Summary - Mandatory Loop: N/A Elements: 2

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> G3101	<u>ld</u> 382	Element Name Number of Units Shipped	Req M	<u>Type</u> R4	Min/Max 1/10	<u>Usage</u> Must use
		Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
G3102	355	Unit or Basis for Measurement Code	М	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				
		CodeNameCACaseEAEachLBPoundUNUnit				

Data Sample:

G31*3259*CA~

G33 Total Dollars Summary

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

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

Element Summary:

RefIdElement NameReqTypeMin/MaxUsageG3301610AmountMN21/15Must use

Description: Monetary amount

Note: Net Amount

Data Sample:

G33*618720~