



# Kroger Retail - EDI 810

X12/V5010/810 : 810 Invoice

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<b>Modified:</b>	4/4/2025
<b>Notes:</b>	EDI 810 Specifications for Kroger Retail Invoices.

# 810 Invoice

**Functional Group=IN**

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

**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	BIG	Beginning Segment for Invoice	M	1			Must use
0500	REF	Reference Information	O	12			Used
<b>LOOP ID - N1</b>					<b>200</b>		
0700	N1	Party Identification	O	1			Used
0900	N3	Party Location	O	2			Used
1000	N4	Geographic Location	O	1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
1400	DTM	Date/Time Reference	O	10			Used
1500	FOB	F.O.B. Related Instructions	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>
<b>LOOP ID - IT1</b>					<b>200000</b>		
0100	IT1	Baseline Item Data (Invoice)	O	1			Used
0300	IT3	Additional Item Data	O	5			Used
0400	TXI	Tax Information	O	>1			Used
<b>LOOP ID - PID</b>					<b>1000</b>		
0600	PID	Product/Item Description	O	1			Used
1000	PO4	Item Physical Details	O	1			Used
1200	REF	Reference Information	O	>1			Used
<b>LOOP ID - SAC</b>					<b>≥1</b>		
1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1			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	TDS	Total Monetary Value Summary	M	1			Must use
0200	TXI	Tax Information	O	>1			Used
<b>LOOP ID - SAC</b>					<b>≥1</b>		
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
<b>LOOP ID - ISS</b>					<b>≥1</b>	<b>N3/0600L</b>	
0600	ISS	Invoice Shipment Summary	O	1			Used
0700	CTT	Transaction Totals	O	1			Used

# BIG Beginning Segment for Invoice

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

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

**Purpose:** To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

## 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>
BIG01	373	Date = Invoice Date	M	DT	8/8	Must use
BIG02	76	Invoice Number	M	AN	1/22	Must use
BIG03	373	Date = Purchase Order Date	O	DT	8/8	Must use
BIG04	324	Purchase Order Number	O	AN	1/22	Must use

**Note:** 5 digit po number

# REF Reference Information

Pos: 0500	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify identifying information

## 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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
REF02	127	Reference Identification	X	AN	1/50	Used

# N1 Party Identification

Pos: 0700	Max: 1
Heading - Optional	
Loop: N1	Elements: 6

**User Option (Usage):** Used

**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
<i>Note: Ralphs must have the vendor remittance information.</i>						
		<b><u>Code</u> <u>Name</u></b>				
		BT Bill-to-Party				
		RI Remit To				
		SF Ship From				
		ST Ship To				
N102	93	<b>Name</b>	X	AN	1/60	Must use
N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Must use
		<b><u>Code</u> <u>Name</u></b>				
		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
N105	706	<b>Entity Relationship Code</b>	O	ID	2/2	Used
<i>Note: All valid standard codes are used.</i>						
N106	98	<b>Entity Identifier Code</b>	O	ID	2/3	Used
<i>Note: All valid standard codes are used.</i>						

# N3 Party Location

Pos: 0900	Max: 2
Heading - Optional	
Loop: N1	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 the vendor remittances information.</i>				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<i>Note: When sending the N101 = RI, must send N301.</i>				

# N4 Geographic Location

Pos: 1000	Max: 1
Heading - Optional	
Loop: N1	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	<b>City Name</b>	O	AN	2/30	Must use
<i>Note: Ralphs must have vendor remittance information.</i>						
N402	156	<b>State or Province Code</b>	X	ID	2/2	Must use
N403	116	<b>Postal Code</b>	O	ID	3/15	Must use
<i>Note: When sending N101 = RI, must send N401, N402 &amp; N403.</i>						

# ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: >1
Heading - Optional	
Loop: N/A	Elements: 12

**User Option (Usage):** Used

**Purpose:** To specify 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>
ITD01	336	Terms Type Code	O	ID	2/2	Used
<b>Note:</b> ITD must be sent in header level						
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
ITD03	338	Terms Discount Percent	O	R	1/6	Must use
ITD04	370	Terms Discount Due Date	X	DT	8/8	Must use
ITD05	351	Terms Discount Days Due	X	N0	1/3	Must use
ITD06	446	Terms Net Due Date	O	DT	8/8	Must use
ITD07	386	Terms Net Days	O	N0	1/3	Must use
ITD08	362	Terms Discount Amount	O	N2	1/10	Must use
ITD09	388	Terms Deferred Due Date	O	DT	8/8	Used
ITD10	389	Deferred Amount Due	X	N2	1/10	Used
ITD11	342	Percent of Invoice Payable	X	R	1/5	Used
ITD12	352	Description	O	AN	1/80	Used



# DTM Date/Time Reference

Pos: 1400	Max: 10
Heading - Optional	
Loop: N/A	Elements: 6

**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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
DTM02	373	Date	X	DT	8/8	Must use
DTM03	337	Time	X	TM	4/8	Used
DTM04	623	Time Code	O	ID	2/2	Used
DTM05	1250	Date Time Period Format Qualifier	X	ID	2/3	Used
DTM06	1251	Date Time Period	X	AN	1/35	Used

# FOB F.O.B. Related Instructions

Pos: 1500	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify transportation instructions relating to 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>
FOB01	146	<b>Shipment Method of Payment</b>	M	ID	2/2	Must use
<i>Note: FOB must be sent in Header level</i>						
		<b><u>Code</u> <u>Name</u></b>				
		CC Collect				
		PB Customer Pickup/Backhaul				
		PP Prepaid (by Seller)				
FOB02	309	<b>Location Qualifier</b>	X	ID	1/2	Must use
		<b><u>Code</u> <u>Name</u></b>				
		DE Destination (Shipping)				
		OR Origin (Shipping Point)				
		PL Plant				
FOB03	352	<b>Description</b>	O	AN	1/80	Used

# IT1 Baseline Item Data (Invoice)

Pos: 0100	Max: 1
Detail - Optional	
Loop: IT1	Elements: 5

**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>
IT102	358	Quantity Invoiced	X	R	1/15	Must use
IT103	355	Unit or Basis for Measurement Code	X	ID	2/2	Must use
IT104	212	Unit Price	X	R	1/17	Must use
IT106	235	Product/Service ID Qualifier	X	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		UA U.P.C./EAN Case Code (2-5-5)				
		UK GTIN 14-digit Data Structure				
IT107	234	Product/Service ID	X	AN	1/48	Must use

**Note:** Contains a U.P.C Case Code if IT106 is UA. Contains a GTIN if IT106 is UK.

# IT3 Additional Item Data

Pos: 0300	Max: 5
Detail - Optional	
Loop: IT1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify additional item details relating to variations between ordered and shipped quantities, or to specify alternate units of measures and quantities

## 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>
IT301	382	Number of Units Shipped	X	R	1/10	Used
IT302	355	Unit or Basis for Measurement Code	X	ID	2/2	Used

**Note:** IT302 is used when the unit or basis for measurement code shipped, differs from the unit or basis for measurement code invoice in IT103.

# TXI Tax Information

Pos: 0400	Max: >1
Detail - Optional	
Loop: IT1	Elements: 4

User Option (Usage): Used

Purpose: To specify tax information

### 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>
TXI01	963	Tax Type Code	M	ID	2/2	Must use
TXI02	782	Monetary Amount	X	R	1/18	Used
TXI03	954	Percentage as Decimal	X	R	1/10	Used
TXI08	828	Dollar Basis For Percent	O	R	1/9	Used

# PID Product/Item Description

Pos: 0600	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

**User Option (Usage):** Used

**Purpose:** To describe a product or process in coded or 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>
PID01	349	Item Description Type	M	ID	1/1	Must use
PID05	352	Description	X	AN	1/80	Must use

# PO4 Item Physical Details

Pos: 1000	Max: 1
Detail - Optional	
Loop: IT1	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the 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>
PO401	356	Pack	O	N0	1/6	Used
PO402	357	Size	X	R	1/8	Used
PO403	355	Unit or Basis for Measurement Code	X	ID	2/2	Used

**Note:** PO4 required information is not contained in the PID05.

# REF Reference Information

Pos: 1200	Max: >1
Detail - Optional	
Loop: IT1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify identifying information

## 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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
REF02	127	Reference Identification	X	AN	1/50	Used



# SAC Service, Promotion, Allowance, or Charge Information

Pos: 1800      Max: 1  
 Detail - Optional  
 Loop: SAC    Elements: 10

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

**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>
SAC01	248	<b>Allowance or Charge Indicator</b>	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		A Allowance				
		C Charge				
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	X	ID	4/4	Must use
		<u>Code</u> <u>Name</u>				
		B010 Cents Off				
		D200 Freight Charges to Destination				
		D280 Full Service				
		F340 Pick/Up				
		F910 Quantity Discount				
		H560 Swell				
		H625 Tax - Beverage Tax				
		H850 Tax				
		I170 Trade Discount				
SAC05	610	<b>Amount</b>	O	N2	1/15	Used
SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	X	ID	1/1	Used
SAC07	332	<b>Percent, Decimal Format</b>	X	R	1/6	Used
SAC08	118	<b>Rate = if an allowance the rate should be negative (-)</b>	O	R	1/9	Used
SAC09	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
SAC10	380	<b>Quantity</b>	X	R	1/15	Used

**Note:**  
 If SAC01 is 'A' or 'C' then at least one of the SAC05, SAC06 & SAC07 or SAC08 is required.  
 SAC05 must have a minus sign if SAC01 contains an 'A' allowance.  
 If SAC07 is present the SAC06, SAC09 and SAC10 are also required.  
 SAC09 will need to be 'DO' for Dollar Basis Amount.

SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		02 Off Invoice				

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**Code Name**

06 Charge to be Paid by Customer

SAC15	352	<b>Description</b>	X	AN	1/80	Used
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# TDS Total Monetary Value Summary

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 3

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

**Purpose:** To specify the total invoice discounts and amounts

## 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>
TDS01	610	Amount	M	N2	1/15	Must use
<i>Note: Net Amount</i>						
TDS02	610	Amount	O	N2	1/15	Must use
TDS03	610	Amount	O	N2	1/15	Must use
<i>Note: Prefer the elements TDS02 and TDS03 be sent</i>						

# TXI Tax Information

Pos: 0200	Max: >1
Summary - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Purpose: To specify tax information

### 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>
TXI01	963	Tax Type Code	M	ID	2/2	Must use
TXI02	782	Monetary Amount	X	R	1/18	Used
TXI03	954	Percentage as Decimal	X	R	1/10	Used
TXI08	828	Dollar Basis For Percent	O	R	1/9	Used

# SAC Service, Promotion, Allowance, or Charge Information

Pos: 0400 Max: 1  
 Summary - Optional  
 Loop: SAC Elements: 10

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## 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>
SAC01	248	<b>Allowance or Charge Indicator</b>	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		A Allowance				
		C Charge				
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	X	ID	4/4	Must use
		<u>Code</u> <u>Name</u>				
		B010 Cents Off				
		D200 Freight Charges to Destination				
		D280 Full Service				
		F340 Pick/Up				
		F910 Quantity Discount				
		H550 Surcharge (For Tariffs)				
		H560 Swell				
		H625 Tax - Beverage Tax				
		H850 Tax				
		I170 Trade Discount				
SAC05	610	<b>Amount</b>	O	N2	1/15	Used
SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	X	ID	1/1	Used
SAC07	332	<b>Percent, Decimal Format</b>	X	R	1/6	Used
SAC08	118	<b>Rate</b>	O	R	1/9	Used
SAC09	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
SAC10	380	<b>Quantity</b>	X	R	1/15	Used

**Note:**  
 If SAC01 is 'A' or 'C' then at least one of the SAC05, SAC06 & SAC07 or SAC08 is required.  
 SAC05 must have a minus sign if SAC01 contains an 'A' allowance.  
 If SAC07 is present the SAC06, SAC09 and SAC10 are also required.  
 SAC09 will need to be 'DO' for Dollar Basis Amount.

SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	O	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		02 Off Invoice				

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**Code Name**

06 Charge to be Paid by Customer

SAC15	352	<b>Description</b>	X	AN	1/80	Used
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# ISS Invoice Shipment Summary

Pos: 0600	Max: 1
Summary - Optional	
Loop: ISS	Elements: 6

**User Option (Usage):** Used

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

## 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>
ISS01	382	Number of Units Shipped	X	R	1/10	Used
ISS02	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
ISS03	81	Weight	X	R	1/10	Used
ISS04	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
ISS05	183	Volume	X	R	1/8	Used
ISS06	355	Unit or Basis for Measurement Code	X	ID	2/2	Used

**Note:** The ISS01 & ISS02 are paired elements, the vendor must send both same is true for the ISS03 & ISS04 and the ISS05 & ISS06 they are paired elements as well. Standards disallow one without the other.  
 Kroger does not need the ISS segment.

# CTT Transaction Totals

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

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	Number of Line Items	M	NO	1/6	Must use

## Data Sample:

BIG\*20210912\*0091677948\*20210903\*40975~  
N1\*BT\*KROGER CO\*9\*0217324090000~  
N3\*P.O. BOX 305103~  
N4\*NASHVILLE\*TN\*37250\*US~  
N1\*SF\*1723\*9\*0802671481723~  
N1\*RI\*MY FOOD\*9\*1234567890000~  
N3\*P.O BOX 1234~  
N4\*TIDBIT\*OR\*97210~  
N1\*ST\*KROGER SMITH'S\*9\*0437001941901~  
N3\*500 N SUGAR STREET~  
N4\*LAYTON\*UT\*84041~  
ITD\*01\*3\*1\*20210930\*16\*20211001\*17\*56184\*\*\*\*Net 17 days, 1% within 16 days~  
DTM\*011\*20210903~  
FOB\*PP\*DE~  
IT1\*1\*182\*CA\*33.6\*\*UK\*10040600109717~  
IT3\*182\*CA~  
PID\*F\*\*\*ICB SPRAY 12 8z~  
SAC\*A\*1170\*\*\*\*\*-1.32\*\*\*\*02\*\*\*Customer Bracket Dis~  
SAC\*A\*1170\*\*\*\*\*-3.6\*\*\*\*02\*\*\*Everyday Low Price~  
IT1\*2\*190\*CA\*22.4\*\*UK\*10011115464851~  
IT3\*190\*CA~  
PID\*F\*\*\*BRUM+BRN SFT 8 15z~  
SAC\*A\*1170\*\*\*\*\*-.88\*\*\*\*02\*\*\*Customer Bracket Dis~  
SAC\*A\*1170\*\*\*\*\*-2.4\*\*\*\*02\*\*\*Everyday Low Price~  
IT1\*3\*450\*CA\*24.96\*\*UK\*10027400465373~  
IT3\*450\*CA~  
PID\*F\*\*\*CTY CRK SPD 12 15oz~  
SAC\*A\*1170\*\*\*\*\*-1.08\*\*\*\*02\*\*\*Customer Bracket Dis~  
SAC\*A\*1170\*\*\*\*\*-5.16\*\*\*\*02\*\*\*Everyday Low Price~  
IT1\*4\*112\*CA\*52.8\*\*UK\*10027400470735~  
IT3\*112\*CA~  
PID\*F\*\*\*CRK CALCIUM 12 45oz~  
SAC\*A\*1170\*\*\*\*\*-2.16\*\*\*\*02\*\*\*Customer Bracket Dis~  
SAC\*A\*1170\*\*\*\*\*-13.68\*\*\*\*02\*\*\*Everyday Low Price~  
IT1\*5\*392\*CA\*52.8\*\*UK\*10027400470179~  
IT3\*392\*CA~  
PID\*F\*\*\*CRK Regular 12 45oz~  
SAC\*A\*1170\*\*\*\*\*-2.16\*\*\*\*02\*\*\*Customer Bracket Dis~  
SAC\*A\*1170\*\*\*\*\*-13.68\*\*\*\*02\*\*\*Everyday Low Price~  
IT1\*6\*104\*CA\*37.02\*\*UK\*10040600380239~  
IT3\*104\*CA~



PID\*F\*\*\*ICB REGULAR 6 45oz~  
 SAC\*A\*1170\*\*\*\*\*-1.44\*\*\*02\*\*\*Customer Bracket Dis~  
 IT1\*7\*150\*CA\*33.6\*\*UK\*10040600379080~  
 IT3\*150\*CA~  
 PID\*F\*\*\*ICB REG 12 15oz~  
 SAC\*A\*1170\*\*\*\*\*-1.32\*\*\*02\*\*\*Customer Bracket Dis~  
 SAC\*A\*1170\*\*\*\*\*-3.6\*\*\*02\*\*\*Everyday Low Price~  
 IT1\*8\*280\*CA\*20.4\*\*UK\*10011115156589~  
 IT3\*280\*CA~  
 PID\*F\*\*\*IMPERIAL REG QTRS VTF EF24#-1/4S~  
 SAC\*A\*1170\*\*\*\*\*-1.2\*\*\*02\*\*\*Customer Bracket Dis~  
 SAC\*A\*1170\*\*\*\*\*-1.92\*\*\*02\*\*\*Everyday Low Price~  
 IT1\*9\*152\*CA\*33.12\*\*UK\*10027400000222~  
 IT3\*152\*CA~  
 PID\*F\*\*\*CRK PLNT BTR Olive QTRS 12p 1LB~  
 SAC\*A\*1170\*\*\*\*\*-.48\*\*\*02\*\*\*Customer Bracket Dis~  
 IT1\*10\*150\*CA\*24\*\*UK\*10027400000246~  
 IT3\*150\*CA~  
 PID\*F\*\*\*CRK PLNT BTR OLIVE OIL 12 10.5z~  
 SAC\*A\*1170\*\*\*\*\*-.6\*\*\*02\*\*\*Customer Bracket Dis~  
 TDS\*5618454\*5618454\*5562270~  
 SAC\*A\*C310\*\*\*-21620\*\*\*\*\*02\*\*\*Tier Allowance O/I-Hd~  
 SAC\*A\*I410\*\*\*-37055\*\*\*\*\*02\*\*\*Unsalble Allow%OI Hd~  
 SAC\*A\*F280\*\*\*-44511\*\*\*\*\*02\*\*\*Efficient ordering~  
 ISS\*2162\*CA\*41040.35\*LB~  
 CTT\*10~

**Sample with GTINs:**

BIG\*20210908\*13281586\*20210823\*79415~  
 N1\*ST\*KROGER REG. ACCT-SER CTR\*9\*1191030348002~  
 N3\*153 REFRESHMENT LANE.~  
 N4\*CLEVELAND\*TN\*37311~  
 N1\*BT\*KROGER\*9\*0359024440000~  
 N3\*NASHVILLE - RASC~  
 N4\*NASHVILLE\*TN\*37230-5103~  
 N1\*RI\*MY FOOD\*9\*1234567890000~  
 N3\*P.O BOX 1234~  
 N4\*TIDBIT\*OR\*97210~  
 ITD\*01\*3\*2.00\*20210918\*10\*20211008\*30\*22620~  
 FOB\*PP\*02~  
 IT1\*000001\*16\*CA\*293.76\*\*UK\*10041116104777~  
 PID\*F\*\*\*BABY BOTTLE POP 16/18CT DISPLAY BOX WITHOUT SHELF TALKER~  
 IT1\*000002\*18\*CA\*367.2\*\*UK\*10041116106269~  
 PID\*F\*\*\*JUMBO PUSH POP 20/18CT DISPLAY BOX~  
 TDS\*1130976\*1130976\*1108356~  
 ISS\*34\*CA\*1264\*LB~  
 CTT\*2~

**Sample with UPCs:**

BIG\*20210907\*782582\*20210820\*79189~  
 N1\*ST\*PEYTON'S SOUTHEAST\*9\*1191030348002~

N3\*153 REFRESHMENT LANE~  
N4\*CLEVELAND\*TN\*37311~  
N1\*BT\*PEYTON'S SOUTHEAST\*9\*1191030348000~  
N3\*ACCOUNTING SERVICES\*P.O. BOX 305261~  
N4\*NASHVILLE\*TN\*37230~  
N1\*RI\*MY FOOD\*9\*1234567890000~  
N3\*P.O BOX 1234~  
N4\*TIDBIT\*OR\*97210~  
ITD\*08\*3\*2\*20211007\*30\*20211008\*31\*13788\*20211008\*689400~  
DTM\*011\*20210907~  
FOB\*PP\*04\*CHICAGO, IL~  
IT1\*1\*300\*CA\*22.98\*\*UA\*007829131082\*PI\*0028217~  
PID\*F\*\*\*\*CALCIUM LIME RUST RMVR 6/28oz~  
PO4\*6~  
TDS\*689400\*689400\*675612\*13788~  
CAD\*M\*\*RJWI\*RJW GATEWAY WHSE~  
ISS\*300\*CA~  
CTT\*1~