



Kroger EDI - 940

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Company:	KROGER
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Notes:	EDI 940 Specifications for Kroger Retail Warehouse Shipping Order

940 Warehouse Shipping Order

Functional Group=OW

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Warehouse Shipping Order Transaction Set (940) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable the depositor to advise a warehouse to make a shipment, confirm a shipment, or modify or cancel a previously transmitted shipping order.

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	W05	Shipping Order Identification	M	1			Must use
LOOP ID - 0100					10		
0400	N1	Party Identification	O	1			Used
0600	N3	Party Location	O	2			Used
0700	N4	Geographic Location	O	1			Used
0900	N9	Extended Reference Information	O	10			Used
1100	G62	Date/Time	O	10			Used
1200	NTE	Note/Special Instruction	O	>1			Used
1400	W66	Warehouse Carrier Information	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					≥1		
0050	LX	Transaction Set Line Number	O	1			Used
LOOP ID - 0310					≥1		
0200	W01	Line Item Detail - Warehouse	O	1			Used
0300	G69	Line Item Detail - Description	O	5			Used
0450	NTE	Note/Special Instruction	O	>1			Used
0900	G62	Date/Time	O	10			Used

W05 Shipping Order Identification

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

User Option (Usage): Must use

Purpose: To transmit identifying numbers and other basic data 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>
W0501	473	Order Status Code	M	ID	1/1	Must use
		Description: Code identifying purpose of transaction set				
W0502	285	Depositor Order Number	M	AN	1/22	Must use
		Description: Identifying number for warehouse shipping order assigned by the depositor				
W0503	324	Purchase Order Number	O	AN	1/22	Used
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				

N1 Party Identification

Pos: 0400	Max: 1
Heading - Optional	
Loop: 0100	Elements: 4

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	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

N102	93	Name	X	AN	1/60	Used
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Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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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
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Description: Code identifying a party or other code

N3 Party Location

Pos: 0600	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: 0700	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
		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)				

N9 Extended Reference Information

Pos: 0900	Max: 10
Heading - Optional	
Loop: N/A	Elements: 3

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
- SI Shipper's Identifying Number for Shipment (SID)
- ZA Supplier

N902	127	Reference Identification	X	AN	1/50	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Note: *Associated Purchase Order Numbers (AN) will be listed individually*

N903	369	Free-form Description	X	AN	1/45	Used
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Description: Free-form descriptive text

G62 Date/Time

Pos: 1100	Max: 10
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

Description: Code specifying type of date

Code Name

- 02 Delivery Requested on This Date
- 04 Purchase Order Date
- 10 Requested Ship Date/Pickup Date

G6202	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

NTE Note/Special Instruction

Pos: 1200	Max: >1
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

NTE02	352	Description	M	AN	1/80	Must use
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Description: A free-form description to clarify the related data elements and their content

W66 Warehouse Carrier Information

Pos: 1400	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

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>
W6601	146	Shipment Method of Payment	M	ID	2/2	Must use
Description: Code identifying payment terms for transportation charges						
W6602	91	Transportation Method/Type Code	M	ID	1/2	Must use
Description: Code specifying the method or type of transportation for the shipment						
<u>Code</u> <u>Name</u>						
ZZ Mutually defined						

LX Transaction Set Line Number

Pos: 0050	Max: 1
Detail - Optional	
Loop: 0300	Elements: 1

User Option (Usage): Used

Purpose: To reference a line number in a 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>
LX01	554	Assigned Number	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set

W01 Line Item Detail - Warehouse

Pos: 0200	Max: 1
Detail - Optional	
Loop: 0310	Elements: 7

User Option (Usage): Used

Purpose: To transmit basic and most frequent shipment-related line-item data elements

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>
W0101	380	Quantity	M	R	1/15	Must use
Description: Numeric value of quantity						
W0102	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 Name</u>						
CA Case						
W0103	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)						
Note: *Only one of the W0103 or the W0104 & 05 will be sent						
W0104	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)						
Note: *Only one of the W0103 or the W0104 & 05 will be sent						
<u>Code Name</u>						
UK GTIN 14-digit Data Structure						
W0105	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
Note: Contains a GTIN if W0104 is UK						
W0106	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 Name</u>						
PL Purchaser's Order Line Number						
W0107	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						

G69 Line Item Detail - Description

Pos: 0300	Max: 5
Detail - Optional	
Loop: 0310	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

NTE Note/Special Instruction

Pos: 0450	Max: >1
Detail - Optional	
Loop: 0310	Elements: 1

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

LIN Line Item

G62 Date/Time

Pos: 0900	Max: 10
Detail - Optional	
Loop: 0310	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6201	432	Date Qualifier	X	ID	2/2	Used

Description: Code specifying type of date

Code Name

- 02 Delivery Requested on This Date
- 04 Purchase Order Date

G6202	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Data Sample:

SAMPLE with ALL ITEMS Converted to GTINs

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W05*N*42750*42750~
N1*ST*KROGER*9*0079088092205~
N3*CLACKAMAS DELI*11870 SE HIGHWAY 212~
N4*CLACKAMAS*OR*97015~
N1*BT*KROGER*9*0079088090000~
N3*NASHVILLE - RASC*P.O. BOX 305103~
N4*NASHVILLE*TN*372305103~
N1*VN*Your Company Name*9*1234567891234~
N9*ZA*022C00PO~
N9*CB*01505053~
N9*SI*00102242750~
N9*AN*42745~
N9*AN*42746~
N9*AN*42747~
G62*04*20100826~
G62*02*20100902~
G62*10*20100901~
NTE*INT*THIS PURCHASE ORDER IS SUBJECT TO THE TERMS AND CONDITIONS~
NTE*INT*ON HTTP://EDI.KROGER.COM~
NTE*INT*2ANAHEIM CA928$00000.000#00004.5001NNN~
W66*PB*ZZ~
LX*1~
W01*15*CA**UK*10021000340799*PL*12348~
G69*XLNT CHILI CON BRIC~
LX*2~
W01*25*CA**UK*00021000778699*PL*22344~
    
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G69*KRO SWAI FLT FZ VAL BAG~
LX*3~
W01*10*CA**UK*20043000180629*PL*12344~
G69*KRO SHRIMP RING 100CT~

SAMPLE with NO ITEMS Converted to GTINs

W01*15*CA*002100034079***PL*12348~
G69*XLNT CHILI CON BRIC~
LX*2~
W01*25*CA*002100077869***PL*22344~
G69*KRO SWAI FLT FZ VAL BAG~
LX*3~
W01*10*CA*004300018062***PL*12344~
G69*KRO SHRIMP RING 100CT~

SAMPLE with SOME ITEMS Converted to GTINs

Manufacturer ID 21000 has been converted
Manufacturer ID 43000 has NOT been converted

W01*15*CA**UK*10021000340799*PL*12348~
G69*XLNT CHILI CON BRIC~
LX*2~
W01*25*CA**UK*00021000778699*PL*22344~
G69*KRO SWAI FLT FZ VAL BAG~
LX*3~
W01*10*CA*004300018062***PL*12344~
G69*KRO SHRIMP RING 100CT~