



# 945

## Warehouse Shipping Advice

Version 005010 X12

### Functional Group=SW

*All X12 Standards, required and conditional segments / elements must be mapped.*

**W06**

**Warehouse Shipment Identification**

<b>Pos: 020</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

To provide identifying numbers, dates, 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>
W0601	514	<b>Reporting Code</b> <b>Description:</b> Code specifying the basis used when reporting shipment information	M	ID	1/1	Used
		<b>Code</b> <b>Name</b> N              No Exceptions				
W0603	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	O	DT	8/8	Used
W0604	145	<b>Shipment Identification Number</b> Bill of Lading Number <b>Description:</b> Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)	O	AN	1/30	Used

<b>N1</b>	<b>Name</b>	<b>Pos: 040      Max: 1</b> <b>Heading - Mandatory</b> <b>Loop: 0100   Elements: 4</b>
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**User Option (Usage):** Used  
 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> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>BT</td> <td>Bill-to-Party</td> </tr> <tr> <td>ST</td> <td>Ship To</td> </tr> <tr> <td>VN</td> <td>Vendor</td> </tr> <tr> <td>WH</td> <td>Warehouse</td> </tr> </table>	<u>Code</u>	<u>Name</u>	BT	Bill-to-Party	ST	Ship To	VN	Vendor	WH	Warehouse	M	ID	2/3	Used
<u>Code</u>	<u>Name</u>															
BT	Bill-to-Party															
ST	Ship To															
VN	Vendor															
WH	Warehouse															
N102	93	<b>Name</b> <b>Description:</b> Free-form name	X	AN	1/60	Used										
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>9</td> <td>D-U-N-S+4, D-U-N-S Number with Four Character Suffix</td> </tr> </table>	<u>Code</u>	<u>Name</u>	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X	ID	1/2	Used						
<u>Code</u>	<u>Name</u>															
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix															
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	X	AN	2/80	Used										

<b>N3</b>	<b>Address Information</b>	<b>Pos: 060      Max: 2</b> <b>Heading - Optional</b> <b>Loop: 0100   Elements: 2</b>
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**User Option (Usage):** Used  
 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> <b>Description:</b> Address information	M	AN	1/55	Used
N302	166	<b>Address Information</b> <b>Description:</b> Address information	O	AN	1/55	Used

<b>N4</b>	<b>Geographic Location</b>	<b>Pos: 070</b>	<b>Max: 1</b>
		<b>Heading - Optional</b>	
		<b>Loop: 0100</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

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> <b>Description:</b> Free-form text for city name	O	AN	2/30	Used
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

<b>G62</b>	<b>Date/Time</b>	<b>Pos: 110</b>	<b>Max: 5</b>
		<b>Heading - Optional</b>	
		<b>Loop: N/A</b>	<b>Elements: 2</b>

**Option (Usage):** Used

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	<b>Date Qualifier</b> <b>Description:</b> Code specifying type of date	X	ID	2/2	Used
		<b>Code</b> <b>Name</b>				
		11          Shipped on This Date				
G6202	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD	X	DT	8/8	Used

<b>NTE</b>	<b>Note/Special Instruction</b>	<b>Pos: 120</b>	<b>Max: 20</b>
		<b>Heading - Optional</b>	
		<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Used

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

**W27**

**Carrier Detail**

<b>Pos: 130</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 4</b>

**User Option (Usage):** Used

To specify details of the transportation equipment and carrier routing details

**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>
W2701	91	<b>Transportation Method/Type Code</b> <b>Description:</b> Code specifying the method or type of transportation for the shipment	M	ID	1/2	Used
		<b>Code</b> <b>Name</b>				
		H                  Customer Pickup				
		L                  Contract Carrier				
		M                  Motor (Common Carrier)				
		LT                Less Than Trailer Load (LTL)				
W2702	140	<b>Standard Carrier Alpha Code</b> <b>Description:</b> Standard Carrier Alpha Code	X	ID	2/4	Used
W2703	387	<b>Routing</b> <b>Description:</b> Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	X	AN	1/35	Used
W2707	207	<b>Equipment Number</b> <b>Description:</b> Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O	AN	1/10	Used

**LX**

**Assigned Number**

<b>Pos: 005</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: 0300</b>	<b>Elements: 1</b>

**User Option (Usage):** Used

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	<b>Assigned Number</b> <b>Description:</b> Line Number from Bill of Lading	M	N0	1/6	Used

<b>N9</b>	<b>Reference Identification</b>				<b>Pos: 017</b>	<b>Max: 5</b>
					<b>Detail - Optional</b>	
					<b>Loop: 0300</b>	<b>Elements: 2</b>

**User Option (Usage):** Used  
 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	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Used
		<b>Code</b> <b>Name</b> 2I            Tracking Number				
N902	127	<b>Reference Identification</b> <b>Description:</b> The Kroger manufacturing purchase order number.	X	AN	1/30	Used

<b>W12</b>	<b>Warehouse Item Detail</b>				<b>Pos: 020</b>	<b>Max: 1</b>
					<b>Detail - Optional</b>	
					<b>Loop: 0310</b>	<b>Elements: 9</b>

**User Option (Usage):** Used  
 To designate those line items that were 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>
W1201	368	<b>Shipment/Order Status Code</b> <b>Description:</b> Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction	M	ID	2/2	Used
		<b>Code</b> <b>Name</b> CL            Complete				
W1202	330	<b>Quantity Ordered</b> <b>Description:</b> Quantity ordered	O	R	1/15	Used
W1203	382	<b>Number of Units Shipped</b> <b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	O	R	1/10	Used
W1207	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2	Used
		<b>Code</b> <b>Name</b> IN            Buyer's Item Number				

**W12 Warehouse Item Detail (continued)**

<b>Pos: 020</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: 0310</b>	<b>Elements: 9</b>

**User Option (Usage):** Used  
 To designate those line items that were 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>
W1208	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	X	AN	1/48	Used
W1209	451	<b>Warehouse Lot Number</b> <b>Description:</b> Reference number assigned by the warehouse	O	AN	1/12	Used
W1210	81	<b>Weight</b> <b>Description:</b> Numeric value of weight	X	R	1/10	Used
W1211	187	<b>Weight Qualifier</b> <b>Description:</b> Code defining the type of weight	X	ID	1/2	Used
		<b>Code</b> <b>Name</b> A3          Shippers Weight				
W1212	188	<b>Weight Unit Code</b> <b>Description:</b> Code specifying the weight unit	X	ID	1/1	Used
		<b>Code</b> <b>Name</b> L            Pounds				

**G69 Line Item Detail - Description**

<b>Pos: 030</b>	<b>Max: 5</b>
<b>Detail - Optional</b>	
<b>Loop: 0310</b>	<b>Elements: 1</b>

**User Option (Usage):** Used  
 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	<b>Free-form Description</b> <b>Description:</b> Free-form descriptive text	M	AN	1/45	Used

**W03**

**Total Shipment Information**

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Summary - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 3</b>

**User Option (Usage):** Used

To provide totals 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>
W0301	382	<b>Number of Units Shipped</b> <b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M	R	1/10	Used
W0302	81	<b>Weight</b> <b>Description:</b> Numeric value of weight	O	R	1/10	Used
W0303	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> 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
		<u>Code</u> <u>Name</u>				
		01                Actual Pounds				

**DATA SAMPLE**

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ISA*00*                *00*                *08*9338945000        *08*9393939394
*021104*1405*U*00501*000000031*0*T*>~
GS*SW*5139907700*2038334001*20021104*1405*31*X*005010~
ST*945*000310001~
W06*N**20020916*2114~
N1*BT*TEST CUSTOMER*9*0733940588254~
N1*ST*TEST CUSTOMER*9*0733940588254~
G62*11*20020916~
W27*M*NA~LX*1~
N9*2I*K018293-00010*TEST ITEM1~
W12*CL*120*120****IN*339408*19284*6600*A3*L~
LX*2~N9*2I*K018273-00033*TEST ITEM2~
W12*CL*400*400****IN*100021*82943*20000*A3*L~
LX*3~N9*2I*K082738-00041*TEST ITEM3~
W12*CL*400*400****IN*133848*930345*20000*A3*L~
W03*920*46600*01~
SE*17*000310001~
GE*1*31~
IEA*1*000000031~
    
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