

EDI 753 (Request for Routing Instructions)

Function Group = RF

This document establishes the data contents of the Request for Routing Instructions Transaction Set (753) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to request routing instructions and provide general information about merchandise that is ready to be shipped.

Standard EDI 753 Segment Layout (ANSI X12)

Below is the standard baseline structure for an X12 EDI 753 transaction. *Note: The exact requirement (M = Mandatory, O = Optional) .*

Header Data

Segment	Name	Req	Max Use	Description
ST	Transaction Set Header	M	1	To indicate the start of a transaction set and to assign a control number
BGN	Beginning Segment	M	1	To indicate the beginning of a transaction set
PER	Administrative Contact	M	1	To identify a person or office to whom administrative communications should be directed
N1	N1 Loop	M	1	N1 Loop
N1	Name	M	1	To identify a party by type of organization, name, and code

N3	Address Information	M	1	To specify the location of the named party
N4	Geographic Location	M	1	To specify the geographic place of the named party

Detail Data (Routing & Order Info)

The detail section is typically driven by the **LX** (Assigned Number) loop, which groups the shipment details, followed by the **OID** (Order Identification) loop to tie the physical freight to specific POs

Segment	Name	Req	Max Use	Description
LX	Assigned Number Loop	M	9999	LX Loop
LX	Assigned Number	M	1	To reference a line number in a transaction set
N1	Name (Loop)	M	1	To identify a party by type of organization, name, and code
N1	Name	M	1	To identify a party by type of organization, name, and code
N3	Address Information	M	1	To specify the location of the named party
N4	Geographic Location	M	1	To specify the geographic place of the named party
L11	Business Instructions and Reference Numbers	M	5	To specify instructions in this business relationship or a reference number

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G62	Date/Time	M	2	To specify pertinent dates and times
USI	Unitized Shipment Information	O	1	To specify the quantity, number of pallet spaces and stackability of unitized units
OID	Order Identification (Loop)	M	>1	OID Loop
OID	Order Identification Detail	M	1	To specify order identification detail
CMC	Commodity Classification	O	1	To specify freight commodity code and freight classification

Summary Data

Segment	Name	Req	Max Use	Description
SE	Transaction Set Trailer	M	1	Indicates the end of the transaction set and provides a segment count.
GE	Functional Group Trailer	M	1	To define the end of a functional group of related transaction sets.
IEA	Interchange Control Trailer	M	1	To define the end of an interchange of one or more functional groups and interchange related control.

BGN - Beginning Segment

BSN01	Transaction Set Purpose Code	M	2/2	00-Original Cancellation 04-Change Replace 01- 02-Add 05-
BSN02	Reference Identification	M	1/50	Reference information as defined for a particular Transaction Set
BSN03	Date	M	8/8	Date expressed as CCYYMMDD/ISO format
BGN04	Time	M	4/8	Time expressed in 24-hour time

PER - Administrative Communications Contact

PER01	Contact Function Code	M	2/2	IC - Information Contact
PER02	Name	M	1/60	Free-form name
PER03	Communication Number Qualifier	M	2/2	TE - Telephone
PER04	Communication Number	M	1/80	Complete communications number including country or area code when applicable
PER05	Communication Number Qualifier	M	2/2	EM - Electronic Mail
PER06	Communication Number	M	1/80	Complete communications number including country or area code when applicable
PER07	Communication Number Qualifier	O	2/2	FX - Facsimile
PER08	Communication Number	O	1/80	Complete communications number including country or area code when applicable

N1 - Header Loop

N1 - Name

N101	Entity Identifier Code	M	2/2	SF - Ship From
N102	Name	M	1/60	Free-form name
N103	Identification Code Qualifier	M	2/2	92 - Assigned by Buyer
N104	Identification Code	M	1/80	Code identifying a party or other code. Vendor Location ID

N1 - Header Loop

N3 - Address Information

N301	Address information	M	1/55	Address information
N302	Address information	0	1/55	Address information

N1 - Header Loop

N4 - Geographic Location

N401	City Name	M	2/30	Free-form text for city name
N402	State or Province Code	M	2/2	Address information
N403	Postal Code	M	3/15	Code defining international postal zone code excluding punctuation and blanks (zip code for United States)
N404	Country Code	O	2/3	Code identifying the country

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LX - Detail Loop

LX - Assigned Number

LX01	Assigned Number	M	1/6	Assigned Number
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N1 Loop - LX Detail Loop

N1 - Name

Mandatory

N101	Entity Identifier Code	M	2/2	ST - Ship To
N102	Name	M	1/60	Free-form name
N103	Identification Code Qualifier	M	2/2	92 - Assigned by Buyer
N104	Identification Code	M	2/80	Crate's DC Number

N1 Loop - LX Detail Loop

N3 - Address Information

Mandatory

N301	Address Information	M	1/55	Address Information
N302	Address Information	O	1/55	Address Information

N1 Loop - LX Detail Loop

N4 - Geographic Location

Mandatory

N401	City Name	M	2/30	Free-form text for city name
N402	State or Province Code	M	2/2	Code (Standard State/Province) as defined by appropriate government agency
N403	Postal Code	M	3/15	Code defining international postal zone code excluding punctuation and blanks (zip code for United States)
N404	Country Code	O	2/3	Code identifying the country

N1 Loop - LX Detail Loop**L11 - Business Instructions and Reference Number****Mandatory**

L1101	Reference Identification	M	1/50	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier
L1102	Reference Identification Qualifier	M	2/3	PUA - Pick Up Appointment Number RRC - Routing Request Control Number SCA - SCAC Code (If Prepaid and vendor does the shipment) ZZ - Mutually Defined (Declared Value for customs) IA - Vendor Number

N1 Loop - LX Detail Loop

G62 - Date/Time

G6201	Date Qualifier	M	2/2	EP - Earliest Pickup Date LP - Latest Pickup Date
G6202	Date	M	8/8	Earliest Pick Date in CCYYMMDD/ISO format
G6203	Time Qualifier	M	2/2	EP - Earliest Pickup Time LP - Latest Pickup Time
G6204	Time	M	4/8	HHmmss format (24 hour time)

N1 Loop - LX Detail Loop

USI - Unitized Shipment Information

Mandatory

USI01	Quantity	M	1/15	Numeric value of quantity
USI02	Packaging Form Code	M	3/3	PLT - Pallet
USI03	Yes/No Condition or Response Code	M	2/2	Stackable Y - Yes N - No

OID Loop - N1 Loop, LX Detail Loop

OID - Order Identification Detail

Mandatory

OID01	Reference Identification	O	1/50	Requestor's order identification number
OID02	Purchase Order Number	M	1/22	Retailer's purchase order number
OID04	Packaging Form Code	M	3/3	CTN - Carton PCS - Pieces
OID05	Quantity	M	1/15	Numeric value of quantity
OID06	Weight Unit Code	M	1/1	L - Pounds
OID07	Weight	M	1/10	Numeric value of weight
OID08	Volume Unit Qualifier	M	1/1	E - Cubic Feet
OID09	Volume	M	1/8	Value of volumetric measure

OID Loop - N1 Loop, LX Detail Loop

CMC- Commodity Classification

Mandatory if there is Hazmat or Refrigerated Items on the shipment. If there are items that are both, then only send Hazmat. Otherwise this is not required.

CMC01	Commodity Code	M	1/30	Code describing a commodity or group of commodities
CMC02	Freight Class Code	M	2/5	Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.

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ISA^00^          ^00^          ^ZZ^09026079AB      ^12^8472722888      ^260305^2141^U^00401^000001731^0^P^|~
GS^RF^09026079AB^CRATEDOMES^20260305^2141^1575^X^004030~
ST^753^15750001~
BGN^00^999999999^20260305^080101~
PER^IC^Jim Kirk^TE^201-555-1212^EM^jkirk@crateandbarrel.com^FX^201-555-1010~
N1^SF^CrateVendor-001^92^12312~
N3^123 Main St~
N4^Chicago^IL^888888^US~
LX^0001~
N1^ST^Crate DC-9999^92^0011~
N3^123 Long St~
N4^Chicago^IL^888888^US~
L11^PUA^0101012~
L11^RRC^768594~
L11^SCA^AMZN~
L11^ZZ^1000.00~
G62^EP^20260529^EP^210000~
G62^LP^20260531^EP^210000~
USI^10^PLT^Y~
OID^1234567890^6999999^^CTN^100^L^1000^E^250~
OID^1234567890^6999998^^CTN^100^L^1000^E^250~
LX^0002~
N1^ST^Crate DC-9999^92^0011~
N3^123 Long St~
N4^Chicago^IL^888888^US~
L11^PUA^0101013~
L11^RRC^768595~
L11^SCA^AMZN~
L11^ZZ^1000.00~
G62^EP^20260529^EP^210000~
G62^LP^20260531^EP^210000~
USI^10^PLT^Y~
OID^1234567890^7999999^^CTN^100^L^1000^E^250~
OID^1234567890^7999998^^CTN^100^L^1000^E^250~
SE^33^15750001~
GE^1^1575~
IEA^1^000001731~
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