



Nissan North America Manufacturing EDI Implementation Guide

MFG856R Advance Shipping Notice (Manufacturing) ANSI X-12 Version 2001

Revised on Oct 8, 2007



856 Ship Notice/Manifest

Functional Group ID=**SH**

Introduction:

This Standard contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information. The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Notes:

Key Point:

Nissan has several styles of part ordering systems. This guidelines applies to the following:

- Normal RAN Style shipments - applies to most parts RAN (Receipt Authorization Number)
- SEQUENCE Style shipments - no RAN's only PDSN's (Part Delivery Sequence Number)
- CPICS Style shipments - only applies to the shipments of steel coils

If you are unclear on which style applies, please contact your Nissan SCM Parts Ordering Analyst

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Use with Nissan ENVELOPE guideline

<u>Nissan Attribute</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	BSN	Beginning Segment for Ship Notice	M	1		
Must Use	040	DTM	Date/Time/Period	O	10		
						1	
M	050	HL	Hierarchical Level - Shipment Level	M	1		
	130	MEA	Measurements	O	1		
Must Use	160	TD1	Carrier Details (Quantity and Weight)	O	1		
Must Use	180	TD3	Carrier Details (Equipment)	O	1		
Must Use	200	REF	Reference Numbers	O	2		



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			LOOP ID - NI		200
Must Use	270	NI	Name -Supplier	O	1
			LOOP ID - HL		199999
	050	HL	Hierarchical Level - Tare Level	O	1
Must Use	200	REF	Reference Numbers	O	200
			LOOP ID - HL		199999
Must Use	050	HL	Hierarchical Level - Item Level	O	1
Must Use	060	LIN	Item Identification	O	1
Must Use	080	SN1	Item Detail (Shipment)	O	1
	110	PO4	Item Physical Details	O	1
	200	REF	Reference Numbers	C	200
			LOOP ID - HL		199999
	050	HL	Hierarchical Level -Pack Level	O	1
	080	SN1	Item Detail (Shipment)	O	1
	200	REF	Reference Numbers	O	200
M	380	CTT	Transaction Totals	M	1
M	390	SE	Transaction Set Trailer	M	1



Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Notes: **Sample Data**
 ST*856*0001

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
M	ST02	329	Transaction Set Control Number	M AN 4/9

Key Point:

Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set.

Must match the number in SE02. '0001' through '999999999'



Segment: **BSN** Beginning Segment for Ship Notice
Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set
Syntax Notes:
Notes: **Sample Data**
 BSN*00*02*070101*1200

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	BSN01	353	Transaction Set Purpose Code Key Point: Nissan applicaion sytems only process '00' purpose codes. 00 Original	M ID 2/2
M	BSN02	396	Shipment Identification	M AN 2/30
M	BSN03	729	Category - Ship Notice Date Key Point: 'YYMMDD'	M DT 6/6
	BSN04	730	Subcategory - Ship Notice Time Key Point: 'HHMM'	O TM 4/4



Segment: **DTM** Date/Time/Period
Position: 040
Loop:
Level:
Usage: Optional (Must Use)
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 or DTM03 is required.
Notes: **Sample Data**
DTM*011*070105*1430

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
M	DTM01	374	Date/Time Qualifier 011 Shipped	M ID 3/3
M	DTM02	373	Date - Ship Date Key Point: (YYMMDD)	C DT 6/6
	DTM03	337	Time - Ship Time Key Point: (HHMM)	C TM 4/4

