International Motors, LLC

INTERNATIONAL®

211 Motor Carrier Bill of Lading

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211 Motor Carrier Bill of Lading	

Written by:	Reviewed/ Approved by:	
Steven Arnold	EDI Manager	This Document Applies to: Service Parts

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211 Motor Carrier Bill of Lading

Functional Group=BL

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Bill of Lading Transaction Set (211) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers or other parties, responsible for contracting with a motor carrier, to provide a legal bill of lading for a shipment. It is not to be used to provide a motor carrier with data relative to a load tender, pick-up manifest, or appointment scheduling.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BOL	Beginning Segment for the Motor Carrier Bill of Lading	M	1			Must use
030	B2A	Set Purpose	M	1			Must use
060	L11	Business Instructions and Reference Number	O	100			Used
070	G62	Date/Time	O	6			Used
090	K1	Remarks	O	10			Used
LOOP ID - 0100					**10**	**N1/100L**	
100	N1	Name	O	1		N1/100	Used
110	N2	Additional Name Information	O	1			Used
120	N3	Address Information	O	2			Used
130	N4	Geographic Location	O	1			Used
140	G61	Contact	O	3			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - 0200					**9999**	**N2/010L**	
010	AT1	Bill of Lading Line Item Number	M	1		N2/010	Must use
040	AT4	Bill of Lading Description	O	99		N2/040	Used
LOOP ID - 0210					**1**	**N2/050L**	
050	AT2	Bill of Lading Line Item Detail	O	1		N2/050	Used
LOOP ID - 0220					**999999**	**N2/080L**	
080	LX	Assigned Number	O	1		N2/080	Used
090	MAN	Marks and Numbers	O	999999			Used
100	SPO	Shipment Purchase Order Detail	O	999999			Used
LOOP ID - 0230					**2**	**N2/110L**	
110	G61	Contact	O	1		N2/110	Used
130	LH6	Hazardous Certification	O	6			Used
LOOP ID - 0231					**25**		
140	LH1	Hazardous Identification Information	M	1			Must use
220	SE	Transaction Set Trailer	M	1			Must use

Notes:

1/100L   Loop 0100 is used to specify the parties to the Bill of Lading, including but not limited to, the ship-from, ship-to, or bill-to parties.

1/100   Loop 0100 is used to specify the parties to the Bill of Lading, including but not limited to, the ship-from, ship-to, or bill-to parties.

2/010L   The AT1 segment provides the line number for all of the related items included. It may include reference numbers, rates and charges, descriptions, and or line item details. Any data included within a single loop is related to the other data included in that loop. Any reference numbers included in a loop with line item details are related to that line item only. Any reference numbers included in its own line item are related to the entire shipment and can not be broken out by line item detail.

2/010   The AT1 segment provides the line number for all of the related items included. It may include reference numbers, rates and charges, descriptions, and or line item details. Any data included within a single loop is related to the other data included in that loop. Any reference numbers included in a loop with line item details are related to that line item only. Any reference numbers included in its own line item are related to the entire shipment and can not be broken out by line item detail.

2/040   Segment AT4 provides a means for the shipper to provide a text description of the line item. The National Motor Freight Classification and the freight class shall be included in the AT2 segment if applicable.

2/050L   The AT2 segment is used to provide the carrier with the appropriate data to rate the shipment. It is included per line item when the line item includes an item of freight.

2/050   The AT2 segment is used to provide the carrier with the appropriate data to rate the shipment. It is included per line item when the line item includes an item of freight.

2/080L   Loop 0220 shall only be used when the marks and numbers or the purchase order detail can not be associated with the specific Bill of Lading line item details included in the AT2 segments transmitted with this Bill of Lading.

2/080   Loop 0220 shall only be used when the marks and numbers or the purchase order detail can not be associated with the specific Bill of Lading line item details included in the AT2 segments transmitted with this Bill of Lading.

2/110L   The G61 segment shall only be used to provide the name and phone number of the contact for any hazardous materials included on this Bill of Lading.

2/110   The G61 segment shall only be used to provide the name and phone number of the contact for any hazardous materials included on this Bill of Lading.

ST   Transaction Set Header

Pos: 010	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code	Name
211	Motor Carrier Bill of Lading

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

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

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Trading Partner:

This segment is used in all Navistar 211 transactions.

BOL   Beginning Segment for the Motor Carrier Bill of Lading

Pos: 020	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 11**

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data related to the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BOL01	140	**Standard Carrier Alpha Code**	M	ID	2/4	Must use

Description: Standard Carrier Alpha Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BOL02	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Description: Code identifying payment terms for transportation charges
Field Name:
Record Name:
Example:

Code	Name
CC	Collect
PC	Prepaid but Charged to Customer
PP	Prepaid (by Seller)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BOL03	145	**Shipment Identification Number**	M	AN	1/30	Must use

Description: 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)
Field Name:
Record Name:
Example:
Notes: 777FSV04F001 - The first 3 characters in the bill of lading number identify the parts distribution center (PDC); the next 6 characters are the carriers trasportation number; the final 3 characters are the bill of lading number.

Chars. 1 - 3   777 - Parts Distribution Center

Chars. 4 - 9   FSV04F - Carrier Trans. Number

Chars. 10 - 12   001 - Bill of Lading Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BOL04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD
Field Name:
Record Name:
Example:
Notes: The creation date for the bill of lading

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BOL05	337	**Time**	O	TM	4/8	Used

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) **Field Name:** **Record Name:** **Example:**				
BOL06	127	**Reference Identification**	O	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier **Field Name:** **Record Name:** **Example:** **Notes:** Number may not be provided by all carriers				
* BOL07	160	**Status Report Request Code**	O	ID	1/1	Not used
		Description: Code used by the shipper to specify that an automatic status report is requested when the shipment is delivered **All valid standard codes are used.**				
* BOL08	226	**Section Seven Code**	O	ID	1/1	Not used
		Description: Code indicating applicability of section seven option (if not transmitted assume not in effect) **All valid standard codes are used.**				
* BOL09	501	**Customs Documentation Handling Code**	O	ID	2/2	Not used
		Description: Code defining method of handling for documentation **All valid standard codes are used.**				
* BOL10	146	**Shipment Method of Payment**	O	ID	2/2	Not used
		Description: Code identifying payment terms for transportation charges **All valid standard codes are used.**				
* BOL11	100	**Currency Code**	O	ID	3/3	Not used
		Description: Code (Standard ISO) for country in whose currency the charges are specified				

Semantics:

1. BOL01 is the Standard Carrier Alpha Code (SCAC) of the carrier that is to provide transportation services.
2. BOL02 is the method of payment for the freight charges.
3. BOL03 is the identification number assigned by the shipper, usually the Bill of Lading number.
4. BOL04 is the date the carrier picked up the freight.
5. BOL05 is the actual time the carrier picked up the freight.
6. BOL06 is the number assigned by the carrier to the shipment, usually the PRO number.

Trading Partner:
Refer to the "Appendix" at the end of this guide for Example(s).

B2A   Set Purpose

Pos: 030	Max: 1
Heading - Mandatory	
Loop: N/A	**Elements: 2**

User Option (Usage): Must use

Purpose: To allow for positive identification of transaction set purpose

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
B2A01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

Example:

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max	Usage
* B2A02	346	**Application Type**	O	ID	2/2	Not used

Description: Code identifying an application

All valid standard codes are used.

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

L11 Business Instructions and Reference Number

Pos: 060	**Max: 100**
Heading - Optional	
Loop: N/A	**Elements: 3**

User Option (Usage): Used

Purpose: To specify instructions in this business relationship or a reference number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1101	127	**Reference Identification**	X	AN	1/30	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1102	128	**Reference Identification Qualifier**	X	ID	2/3	Used

Description: Code qualifying the Reference Identification

Code	Name
BM	Bill of Lading Number
CR	Customer Reference Number
PO	Purchase Order Number
SI	Shipper's Identifying Number for Shipment (SID)

Description: A unique number (to the shipper) assigned by the shipper to identify the shipment

Code	Name
CRN	Casualty Report Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L1103	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. R0103 - At least one of L1101 or L1103 is required.
2. P0102 - If either L1101 or L1102 is present, then the other is required.

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

G62 Date/Time

<table>
<tr><td>Pos: 070</td><td>Max: 6</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 5</td></tr>
</table>

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
BB	Transaction Control Date

Description: The date when a transaction was prepared

TA	Original Transaction

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6202	373	**Date**	X	DT	8/8	Used

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6203	176	**Time Qualifier**	X	ID	1/2	Used

Description: Code specifying the reported time

Code	Name
0	Original Transaction

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6204	337	**Time**	X	TM	4/8	Used

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6205	623	**Time Code**	O	ID	2/2	Used

Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Code	Name
GM	Greenwich Mean Time

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

K1   Remarks

Pos: 090	**Max: 10**
Heading - Optional	
Loop: N/A	**Elements: 2**

User Option (Usage): Used

Purpose: To transmit information in a free-form format for comment or special instruction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
K101	61	**Free-Form Message**	M	AN	1/30	Must use
		Description: Free-form information				
K102	61	**Free-Form Message**	O	AN	1/30	Used
		Description: Free-form information				

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

N1   Name

Pos: 100	**Max: 1**
Heading - Optional	
Loop: 0100	**Elements: 6**

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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
CN	Consignee
SH	Shipper

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

Code	Name
12	Telephone Number (Phone)
58	Originating Company Number
59	Receiving Company Number
MA	Mail Stop
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
* N105	706	**Entity Relationship Code**	O	ID	2/2	Not used

Description: Code describing entity relationship
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
* N106	98	**Entity Identifier Code**	O	ID	2/3	Not used

Description: Code identifying an organizational entity, a physical location, property or an individual
All valid standard codes are used.

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

N2 Additional Name Information

<table>
<tr><td>Pos: 110</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: 0100</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

Truck:

Geographic location of the Parts Distribution Center (PDC)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N202	93	**Name**	O	AN	1/60	Used

Description: Free-form name

Truck:

PARTS DISTRIBUTION CENTER

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

N3 Address Information

<table>
<tr><td>Pos: 120</td><td>Max: 2</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: 0100</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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				

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

N4 Geographic Location

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	**State or Province Code**	O	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)				
* N404	26	**Country Code**	O	ID	2/3	Not used
		Description: Code identifying the country				
* N405	309	**Location Qualifier**	X	ID	1/2	Not used
		Description: Code identifying type of location **All valid standard codes are used.**				
* N406	310	**Location Identifier**	O	AN	1/30	Not used
		Description: Code which identifies a specific location				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

G61   Contact

<div>

Pos: 140   **Max: 3**

Heading - Optional

Loop: 0100   **Elements: 5**

</div>

User Option (Usage): Used

Purpose: To identify a person or office to whom communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

Code	Name
SD	Shipping Department

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

Truck:

Traffic Manager

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6103	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

Code	Name
WP	Work Phone Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6104	364	**Communication Number**	X	AN	1/80	Used

Description: Complete communications number including country or area code when applicable

Trading Partner:

Traffic Office Phone Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
* G6105	443	**Contact Inquiry Reference**	O	AN	1/20	Not used

Description: Additional reference number or description to clarify a contact number

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

AT1   Bill of Lading Line Item Number

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: 0200</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Must use

Purpose: To reference a Bill of Lading line number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT101	213	**Lading Line Item Number**	M	N0	1/3	Must use

                    Description: Sequential line number for a lading item

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

AT4   Bill of Lading Description

Pos: 040	**Max: 99**
Detail - Optional	
Loop: 0200	**Elements: 1**

User Option (Usage): Used

Purpose: To specify the lading description

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT401	79	**Lading Description**	M	AN	1/50	Must use

Description: Description of an item as required for rating and billing purposes

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

AT2 Bill of Lading Line Item Detail

Pos: 050	Max: 1
Detail - Optional	
Loop: 0210	Elements: 10

User Option (Usage): Used

Purpose: To specify Bill of Lading quantity, weight, and commodity classification

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT201	80	**Lading Quantity**	M	N0	1/7	Must use

Description: Number of units (pieces) of the lading commodity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT202	211	**Packaging Form Code**	M	ID	3/3	Must use

Description: Code for packaging form of the lading quantity

Code	Name
BAG	Bag
BBL	Barrel
BEM	Beam
BIN	Bin
BOT	Bottle

Description: A container having a round neck of relatively smaller diameter than the body with an opening that can be fitted with lid; it does not have a handle

Code	Name
BOX	Box
BXT	Bucket
CAN	Can
CAS	Case
CNT	Container
COL	Coil
CRT	Crate
CYL	Cylinder
DRM	Drum

Description: A large container with a cylindrical shape; top may have removable or sealed top sides may be fiberboard or metal

Code	Name
ENV	Envelope
JUG	Jug

Description: A bottle (usually 1/2 gallon or larger) fitted with a handle

Code	Name
KIT	Kit
MXD	Mixed Type Pack
PAL	Pail
PCS	Pieces
PKG	Package
PLT	Pallet
REL	Reel
ROL	Roll
SKD	Skid
TBN	Tote Bin
UNT	Unit

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AT203	187	**Weight Qualifier**	M	ID	1/2	Must use

Description: Code defining the type of weight

		Code	**Name**				
		G	Gross Weight				
AT204	188	**Weight Unit Code**		M	ID	1/1	Must use

Description: Code specifying the weight unit

Code	**Name**
K	Kilograms
L	Pounds

AT205	81	**Weight**		M	R	1/10	Must use

Description: Numeric value of weight

* AT206	80	**Lading Quantity**		X	N0	1/7	Not used

Description: Number of units (pieces) of the lading commodity

* AT207	211	**Packaging Form Code**		X	ID	3/3	Not used

Description: Code for packaging form of the lading quantity
All valid standard codes are used.

* AT208	1073	**Yes/No Condition or Response Code**		O	ID	1/1	Not used

Description: Code indicating a Yes or No condition or response
All valid standard codes are used.

* AT209	22	**Commodity Code**		O	AN	1/30	Not used

Description: Code describing a commodity or group of commodities

* AT210	59	**Freight Class Code**		O	AN	2/5	Not used

Description: Code indicating generalized classification that applies to one or more items in the shipment, i.e., class 70, 77.5, etc.

Semantics:

1. AT201 is the number of carrier handling units for the line item.
2. AT202 is the packaging form of the lading quantity in AT201.
3. AT203 and AT204 qualify AT205.
4. AT205 is the weight of the lading quantity identified in AT201.

Trading Partner:
Refer to the "Appendix" at the end of this guide for Example(s).

LX Assigned Number

<table>
<tr><td>Pos: 080</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: 0220</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Used

Purpose: To reference a line number in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LX01	554	**Assigned Number**	M	N0	1/6	Must use
		Description: Number assigned for differentiation within a transaction set				

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

MAN   Marks and Numbers

<div style="border:1px solid black;">

Pos: 090   **Max: 999999**

Detail - Optional

Loop: 0220   **Elements: 6**

</div>

User Option (Usage): Used

Purpose: To indicate identifying marks and numbers for shipping containers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use
		Description: Code specifying the application or source of Marks and Numbers (87)				

Code	Name
CA	Shipper-Assigned Case Number
	Description: Number identifying unit shipped

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
* MAN03	87	**Marks and Numbers**	O	AN	1/48	Not used
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
* MAN04	88	**Marks and Numbers Qualifier**	X	ID	1/2	Not used
		Description: Code specifying the application or source of Marks and Numbers (87) **All valid standard codes are used.**				
* MAN05	87	**Marks and Numbers**	X	AN	1/48	Not used
		Description: Marks and numbers used to identify a shipment or parts of a shipment				
* MAN06	87	**Marks and Numbers**	O	AN	1/48	Not used
		Description: Marks and numbers used to identify a shipment or parts of a shipment				

Semantics:

1. When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.

Comments:

1.

<div style="background:#e0e0e0;">

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

</div>

SPO Shipment Purchase Order Detail

Pos: 100	**Max: 999999**
	Detail - Optional
Loop: 0220	**Elements: 8**

User Option (Usage): Used

Purpose: To specify the purchase order details for a shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SPO01	324	**Purchase Order Number**	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				
SPO02	127	**Reference Identification**	O	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
SPO03	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.**				
SPO04	380	**Quantity**	X	R	1/15	Used
		Description: Numeric value of quantity				
SPO05	188	**Weight Unit Code**	X	ID	1/1	Used
		Description: Code specifying the weight unit **All valid standard codes are used.**				
SPO06	81	**Weight**	X	R	1/10	Used
		Description: Numeric value of weight				
SPO07	647	**Application Error Condition Code**	O	ID	1/3	Used
		Description: Code indicating application error condition **All valid standard codes are used.**				
SPO08	127	**Reference Identification**	O	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. P0304 - If either SPO03 or SPO04 is present, then the other is required.
2. P0506 - If either SPO05 or SPO06 is present, then the other is required.

Semantics:

1. SPO02 is the department number.
2. SPO04 is the total quantity for the purchase order.
3. SPO06 is the total weight for the purchase order.
4. SPO07 indicates the data error condition relative to the shipment management information.
5. SPO08 is used to specify sorting and/or segregating reference numbers for each receiving location (processing area).

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

G61 Contact

User Option (Usage): Used

Purpose: To identify a person or office to whom communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	366	**Contact Function Code**	M	ID	2/2	Must use

Description: Code identifying the major duty or responsibility of the person or group named

Code	Name
TA	Traffic Administrator

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

Truck:

Traffic Manager

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6103	365	**Communication Number Qualifier**	X	ID	2/2	Used

Description: Code identifying the type of communication number

Code	Name
WP	Work Phone Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6104	364	**Communication Number**	X	AN	1/80	Used

Description: Complete communications number including country or area code when applicable

Ref	Id	Element Name	Req	Type	Min/Max	Usage
* G6105	443	**Contact Inquiry Reference**	O	AN	1/20	Not used

Description: Additional reference number or description to clarify a contact number

Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

Comments:

1. G6103 qualifies G6104.

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

LH6 Hazardous Certification

<table>
<tr><td>Pos: 130</td><td>Max: 6</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: 0230</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify the name of the person certifying that the shipment complies with the regulations and/or the actual certification

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LH601	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				
LH602	272	**Hazardous Certification Code**	X	ID	1/1	Used
		Description: Code indicating the form of the hazardous certification **All valid standard codes are used.**				
LH603	273	**Hazardous Certification Declaration**	X	AN	1/25	Used
		Description: Hazardous material certification verbiage as required by Title 49 of Code of Federal Regulations				
LH604	273	**Hazardous Certification Declaration**	O	AN	1/25	Used
		Description: Hazardous material certification verbiage as required by Title 49 of Code of Federal Regulations				

Syntax Rules:

1. P0203 - If either LH602 or LH603 is present, then the other is required.

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

LH1   Hazardous Identification Information

<table>
<tr><td>Pos: 140</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: 0231</td><td>Elements: 11</td></tr>
</table>

User Option (Usage): Must use

Purpose: To specify the hazardous commodity identification reference number and quantity

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LH101	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

Code	Name
04	Small Spray
10	Group
12	Packet
16	115 Kilogram Drum

Description: A cylindrical container whose contents weigh 115 kilograms when full

17	100 Pound Drum

Description: A cylindrical container whose contents weigh 100 pounds when full

18	55 Gallon Drum

Description: A cylindrical container whose volume is equal to 55 gallons

2W	Bin

Description: Storage container used as a unit of measurement

3E	Pounds Per Pound of Product
3F	Kilograms Per Liter of Product
3G	Pounds Per Piece of Product
3H	Kilograms Per Kilogram of Product
3I	Kilograms Per Piece of Product
4E	20-Pack

Description: Pack containing 20 units

4F	100-Pack

Description: Pack containing 100 units

5I	Standard Cubic Foot

Description: One cubic foot of gas measured at a fixed temperature and pressure; the value used for the temperature and pressure varies depending on the type of gas being measured

60	Percent Weight
61	Parts Per Billion
64	Pounds Per Square Inch Gauge
AZ	British Thermal Units (BTUs) per Pound
B0	British Thermal Units (BTUs) per Cubic Foot
BD	Bundle
BN	Bulk
BO	Bottle
BR	Barrel
BX	Box
CA	Case
CH	Container
CN	Can
CP	Crate
CT	Carton

	Code	Name
	DR	Drum
	EA	Each
	EV	Envelope
	GA	Gallon
	LB	Pound
	QT	Quart
	ZZ	Mutually Defined

	LH102	80	**Lading Quantity**	M	N0	1/7	Must use

Description: Number of units (pieces) of the lading commodity

	LH103	277	**UN/NA Identification Code**	O	ID	6/6	Used

Description: Code identifying the hazardous material identification number as required by Title 49 of the code of Federal Regulations; UN/NA stands for United Nations/North America

*	LH104	200	**Hazardous Materials Page**	O	AN	1/6	Not used

Description: The United Nations page number as required for the international transport of hazardous materials

*	LH105	22	**Commodity Code**	O	AN	1/30	Not used

Description: Code describing a commodity or group of commodities

*	LH106	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Not used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
All valid standard codes are used.

*	LH107	380	**Quantity**	O	R	1/15	Not used

Description: Numeric value of quantity

*	LH108	595	**Compartment ID Code**	O	ID	1/1	Not used

Description: Code identifying the compartment in a compartmentalized tank car
All valid standard codes are used.

*	LH109	665	**Residue Indicator Code**	O	ID	1/1	Not used

Description: Code indicating that the material being described is that which remains in a packaging (including a tank car) after it has been unloaded
All valid standard codes are used.

*	LH110	254	**Packing Group Code**	O	ID	1/3	Not used

Description: Code indicating degree of danger in terms of Roman number I, II or III

*	LH111	1375	**Interim Hazardous Material Regulatory Number**	O	AN	1/5	Not used

Description: Identifies the current regulatory version number used for hazardous materials shipments

Comments:

1. LH101 and LH102 are used to convey the number and type of packages for bulk and nonbulk movements.

Trading Partner:

Refer to the "Appendix" at the end of this guide for Example(s).

SE Transaction Set Trailer

<table>
<tr><td>Pos: 220</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

Trading Partner:

This segment is used in all Navistar 211 transactions.