



# **DELFOR Delivery schedule message**

**EDIFACT/D99B/DELFOR: DELFOR Delivery schedule message**

**Version: 4.0 Final**

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# DELFOR Delivery schedule message

Message Status=3

**Definition:** WARNING! This version of the DELFOR is not upward compatible with versions prior to D96B. DELFOR is a message which is sent from a party who is planning the use or consumption of products to a party who has to plan for the supply of the products. The message gives the requirements regarding details for short term delivery and/or medium to long scheduling for products. The scheduling can be used to authorize manufacturing and or the provision of materials. This is based on the terms and conditions defined in a purchase order or contract. The message may also be sent in response by a party which has received a DELFOR message to indicate to the party which has issued the message, the acceptance of, rejection of, or to propose amendments to the previous message.

**Not Defined:**

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
0010	UNH	MESSAGE HEADER	M	1	N0/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N0/0020	Must use
0030	DTM	DATE/TIME/PERIOD	M	10	N0/0030	Must use
<b>0080</b>		<b>Segment Group 2</b>	<b>C</b>	<b>99</b>	<b>N0/0080</b>	<b>Used</b>
0090	NAD	NAME AND ADDRESS	M	1	N0/0090	Must use
<b>0190</b>		<b>Segment Group 6</b>	<b>C</b>	<b>9999</b>	<b>N0/0190</b>	<b>Used</b>
0200	GIS	GENERAL INDICATOR	M	1	N0/0200	Must use
<b>0210</b>		<b>Segment Group 7</b>	<b>C</b>	<b>1</b>	<b>N0/0210</b>	<b>Used</b>
0220	NAD	NAME AND ADDRESS	M	1	N0/0220	Must use
0230	LOC	PLACE/LOCATION IDENTIFICATION	C	10	N0/0230	Used
<b>0370</b>		<b>Segment Group 12</b>	<b>C</b>	<b>9999</b>	<b>N0/0370</b>	<b>Used</b>
0380	LIN	LINE ITEM	C	1	N0/0380	Must use
0400	IMD	ITEM DESCRIPTION	C	10	N0/0400	Used
<b>0480</b>		<b>Segment Group 13</b>	<b>C</b>	<b>10</b>	<b>N0/0480</b>	<b>Used</b>
0490	RFF	REFERENCE	M	1	N0/0490	Must use
0500	DTM	DATE/TIME/PERIOD	C	1	N0/0500	Used
<b>0550</b>		<b>Segment Group 15</b>	<b>C</b>	<b>99</b>	<b>N0/0550</b>	<b>Used</b>
0560	QTY	QUANTITY	M	1	N0/0560	Must use
<b>0580</b>		<b>Segment Group 16</b>	<b>C</b>	<b>10</b>	<b>N0/0580</b>	<b>Used</b>
0590	RFF	REFERENCE	M	1	N0/0590	Must use
0600	DTM	DATE/TIME/PERIOD	C	1	N0/0600	Used
<b>0610</b>		<b>Segment Group 17</b>	<b>C</b>	<b>999</b>	<b>N0/0610</b>	<b>Used</b>
0620	SCC	SCHEDULING CONDITIONS	M	1	N0/0620	Must use
<b>0630</b>		<b>Segment Group 18</b>	<b>C</b>	<b>999</b>	<b>N0/0630</b>	<b>Used</b>
0640	QTY	QUANTITY	M	1	N0/0640	Must use
0650	DTM	DATE/TIME/PERIOD	C	2	N0/0650	Used
1040	UNT	MESSAGE TRAILER	M	1	N0/1040	Must use

**Clarification:**

0/0010 A service segment starting and uniquely identifying a message. The message type code for the Delivery schedule message is DELFOR. Note: Delivery schedule messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 DELFOR 0052 D 0054 99B 0051 UN

- 0/0020 A segment for unique identification of the Delivery schedule message by means of its name and its number and its function (original, replacement, change).
- 0/0030 The DTM segment shall be specified at least once to identify the Delivery schedule message date. This segment can be included to indicate the beginning and the end date of the schedule.
- 0/0080 A group of segments identifying parties by their names, addresses, locations, references and contacts relevant to the whole delivery schedule.
- 0/0090 A segment for identifying names and addresses and their functions relevant for the whole Delivery schedule. The principal parties for the Delivery schedule message shall be identified. The identification of the recipient of the goods must be given in the NAD segment in the detail section. It is recommended that where possible only the coded form of the party ID should be specified.
- 0/0190 A group of segments providing details on delivery points and products and related information using one of both scheduling methods (as described in 1.3 Principles).
- 0/0200 A segment to indicate which method is used by the relevant processing indicator code.
- 0/0210 A group of segments needed to identify a delivery point and its attached information when the delivery point method is used.
- 0/0220 A segment for identifying the consignee.
- 0/0230 A segment identifying a specific location at the consignee address (e.g. dock, gate,..) to which product, as specified in the LIN-Segment groups, should be delivered.
- 0/0370 A group of segments providing details of the individual line items for both methods.
- 0/0380 A segment identifying the details of the product or service to be delivered, e.g. product identification. All other segments in the detail section following the LIN segment refer to the line item.
- 0/0400 A segment for describing the product or the service to be delivered. This segment should be used for products that cannot be identified by a product code or article number.
- 0/0480 A group of segments giving references related to the line item and where necessary, their dates.
- 0/0490 A segment for identifying references to the line item, e.g. a contract and its appropriate line item, original message number, previous message number if different per line item.
- 0/0500 Date/time/period of the reference.
- 0/0550 A group of segments specifying product quantities and associated dates not related to schedules and where relevant, references.
- 0/0560 A segment to specify pertinent quantities not related to schedule(s) e.g. cumulative quantity, last quantity considered.
- 0/0580 A group of segments giving references related to the quantity and where necessary, their date.
- 0/0590 A segment for identifying reference to the quantity, e.g. despatch advice number.
- 0/0600 Date/time/period of the reference.
- 0/0610 A group of segments specifying the schedule information for the product identified in the LIN segment. With the delivery point driven method this segment group provides the schedule for the identified delivery point and product. With the product driven method this segment group can be used to summarise all schedules provided with the subsequent delivery point information given in segment group 22.
- 0/0620 A segment specifying the status of the schedule. Optionally a delivery pattern can be established, e.g. firm or proposed delivery pattern.
- 0/0630 A group of segments specifying product quantities and associated dates.
- 0/0640 A segment to specify pertinent quantities which may relate to schedule(s) and, or pattern established in the SCC segment, e.g. delivery quantity for a specified date.
- 0/0650 A segment indicating date/time/period details relating to the given quantity.
- 0/1040 A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

## **BorgWarner Note:**

### ***Change Log:***

***2016-09-22 Pauline Flanigan Version 4 Ready for Publication***

***1. Clean up notes and sample data***

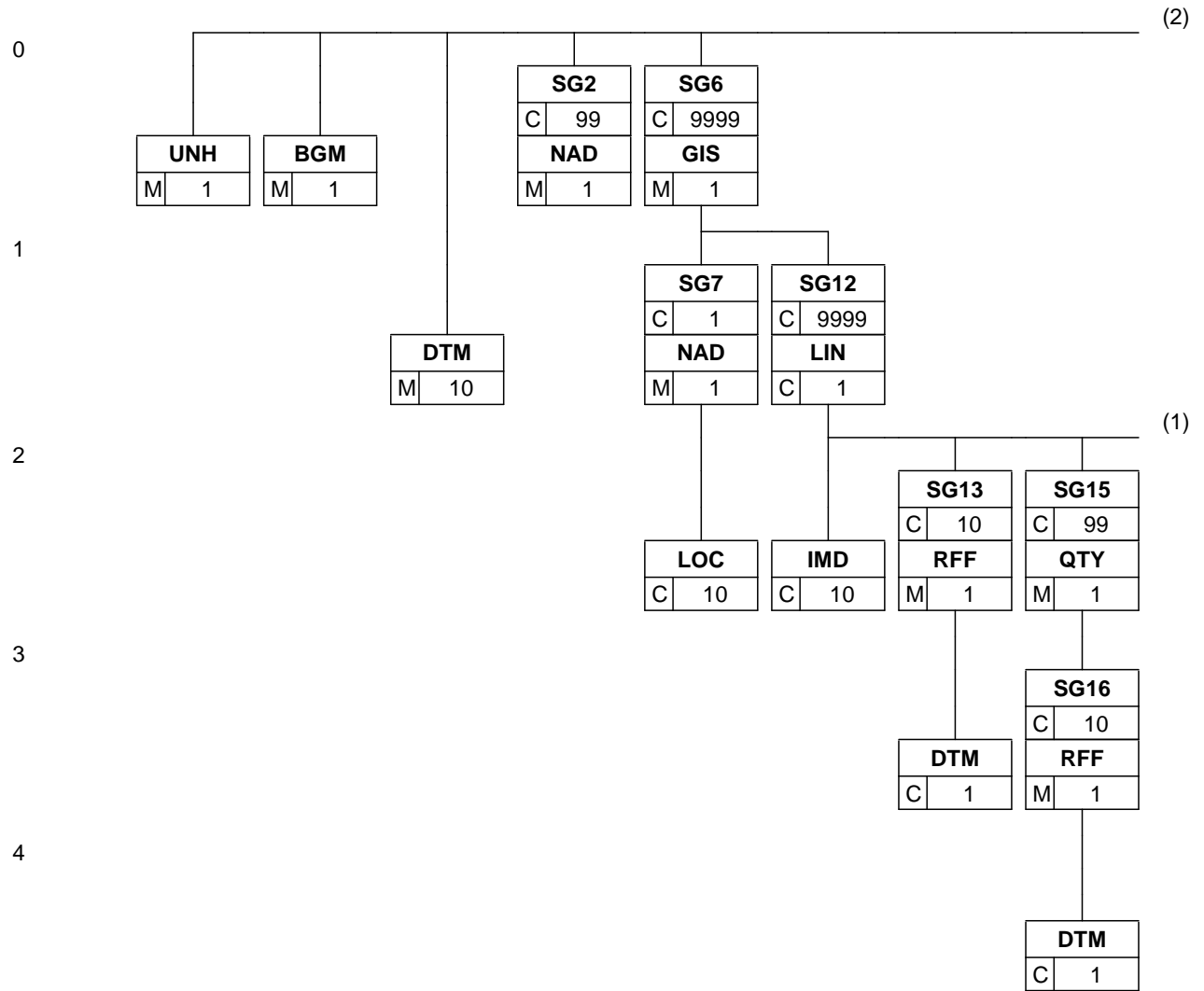
***2016-09-13 Pauline Flanigan Version 3 Ready for Publication***

***1. Group 2 SU and BY***

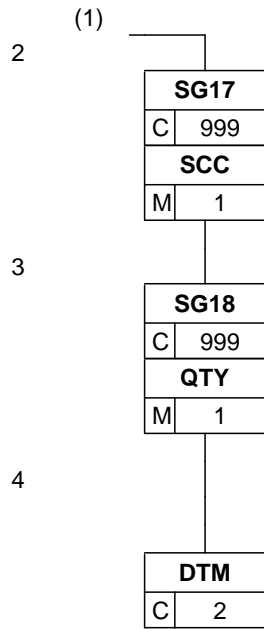
***- C080:3036 Party name added***

- C059:3042 *Street and number/p.o. box added*  
- 3164 *City name added*  
- 3251 *Postal identification code added*  
- 3207 *Country name code added*  
2. *Group 17 SCC*  
- C329: 2013 *Frequency, Coded added*  
2016-08-18 *Pauline Flanigan Version 2 Ready for Publication*  
1. *Group 7 NAD CN*  
- C080:3036 *Party name added*  
- C059:3042 *Street and number/p.o. box added*  
- 3164 *City name added*  
- 3251 *Postal identification code added*  
- 3207 *Country name code added*  
2. *Group 7 for NAD CN, LOC 11 is new*  
- 3227 *LOCATION FUNCTION CODE QUALIFIER added*  
- 3225 *LOCATION IDENTIFICATION added*  
2015-12-09 *Pauline Flanigan Final Version Ready for Publication*

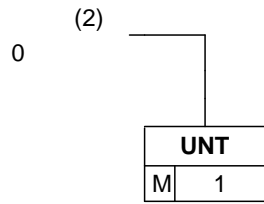
**Branching Diagram:** DELFOR(Delivery schedule message)



**Branching Diagram:** DELFOR(Delivery schedule message)



**Branching Diagram:** DELFOR(Delivery schedule message)





# UNH MESSAGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 2

**User Option (Usage):** Must use

**Function:** To head, identify and specify a message.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNH010	0062	<b>Message reference number</b>	M	an	1/14	Must use
		<b>Description:</b> Unique message reference assigned by the sender.				
UNH020	S009	<b>MESSAGE IDENTIFIER</b>	M	Comp		Must use
		<b>Description:</b> Identification of the type, version, etc. of the message being interchanged.				
UNH020-010	0065	<b>Message type</b>	M	an	1/6	Must use
		<b>Description:</b> Code identifying a type of message and assigned by its controlling agency.				
		<b>CodeList Summary</b> (Total Codes: 180, Included: 1)				
		<b>Code</b>	<b>Name</b>			
		DELFOR	Delivery schedule message			
		<b>Description: A code to identify the delivery schedule message.</b>				
UNH020-020	0052	<b>Message version number</b>	M	an	1/3	Must use
		<b>Description:</b> Version number of a message type.				
		<b>CodeList Summary</b> (Total Codes: 8, Included: 1)				
		<b>Code</b>	<b>Name</b>			
		D	Draft version/UN/EDIFACT Directory			
		<b>Description: Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).</b>				
UNH020-030	0054	<b>Message release number</b>	M	an	1/3	Must use
		<b>Description:</b> Release number within the current message version number.				
		<b>CodeList Summary</b> (Total Codes: 20, Included: 1)				
		<b>Code</b>	<b>Name</b>			
		99B	Release 1999 - B			
		<b>Description: Message approved and issued in the second 1999 release of the UNTDID (United Nations Trade Data Interchange Directory).</b>				
UNH020-040	0051	<b>Controlling agency, coded</b>	M	an	1/3	Must use
		<b>Description:</b> Code identifying a				

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		controlling agency.				
<b>CodeList Summary</b> (Total Codes: 25, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		UN		UN/CEFACT		
<b>Description:</b> <i>United Nations Economic UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).</i>						

**Notes:**

1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.
2. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.

# BGM BEGINNING OF MESSAGE

Pos: 0020	Max: 1
Mandatory	
Group: N/A	Elements: 2

**User Option (Usage):** Must use

**Function:** To indicate the type and function of a message and to transmit the identifying number.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BGM010	C002	<b>DOCUMENT/MESSAGE NAME</b>	C	Comp		Used
		<b>Description:</b> Identification of a type of document/message by code or name. Code preferred.				
BGM010-010	1001	<b>Document name code</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying the document name.				
		<b>CodeList Summary</b> (Total Codes: 549, Included: 1)				
		<b>Code</b>		<b>Name</b>		
		241		Delivery schedule		
		<b>Description:</b> <i>Usage of DELFOR-message.</i>				
BGM020	C106	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	C	Comp		Used
		<b>Description:</b> Identification of a document/message by its number and eventually its version or revision.				
BGM020-010	1004	<b>Document/message number</b>	C	an	1/35	Used
		<b>Description:</b> Reference number assigned to the document/message by the issuer.				

# DTM DATE/TIME/PERIOD

Pos: 0030	Max: 10
Mandatory	
Group: N/A	Elements: 1

**User Option (Usage):** Must use

**Function:** To specify date, and/or time, or period.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	<b>DATE/TIME/PERIOD</b>	M	Comp		Must use
		<b>Description:</b> Date and/or time, or period relevant to the specified date/time/period type.				
DTM010-010	2005	<b>Date/time/period function code qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code giving specific meaning to a date, time or period.				
		<b>CodeList Summary</b> (Total Codes: 697, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		137	Document/message date/time			
		<b>Description: (2006) Date/time when a document/message is issued. This may include authentication.</b>				
DTM010-020	2380	<b>Date/time/period value</b>	C	an	1/35	Used
		<b>Description:</b> The value of a date, a date and time, a time or of a period in a specified representation.				
DTM010-030	2379	<b>Date/time/period format code</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying the representation of a date, time or period.				
		<b>CodeList Summary</b> (Total Codes: 74, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		102	CCYYMMDD			
		<b>Description: Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</b>				

# NAD NAME AND ADDRESS

Pos: 0090	Max: 1
Mandatory	
Group: 2	Elements: 7

**User Option (Usage):** Must use

**Function:** To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD010	3035	Party function code qualifier	M	an	1/3	Must use

**Description:** Code giving specific meaning to a party.

**CodeList Summary** (Total Codes: 490, Included: 2)

**Code Name**

BY Buyer

**Description:** (3002) Party to which merchandise is sold.

SU Supplier

**Description:** (3280) Party which manufactures or otherwise has possession of goods, and consigns or makes them available in trade.

NAD020	C082	PARTY IDENTIFICATION DETAILS	C	Comp		Used
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**Description:** Identification of a transaction party by code.

NAD020-010	3039	Party identifier	M	an	1/35	Must use
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**Description:** Code specifying the identity of a party.

**BorgWarner Note: SU-Supplier information: Contains BorgWarner SAP Supplier ID**  
**BY-Buyer information: Contains BorgWarner Plant code as a default. However, if Account at Vendor is used, this will take precedence instead of Plant Code.**

NAD020-030	3055	Code list responsible agency code	C	an	1/3	Used
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**Description:** Code specifying the agency responsible for a code list.

**CodeList Summary** (Total Codes: 266, Included: 1)

**Code Name**

92 Assigned by buyer or buyer's agent

**Description:** Self explanatory.

NAD040	C080	PARTY NAME	C	Comp		Used
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**Description:** Identification of a transaction party by name, one to five lines. Party name may be formatted.

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
NAD040-010	3036	<b>Party name</b>  <b>Description:</b> Name of a party involved in a transaction.	M	an	1/35	Must use
NAD050	C059	<b>STREET</b>  <b>Description:</b> Street address and/or PO Box number in a structured address: one to four lines.	C	Comp		Used
NAD050-010	3042	<b>Street and number/p.o. box</b>  <b>Description:</b> Street and number in plain language, or Post Office Box No.	M	an	1/35	Must use
NAD060	3164	<b>City name</b>  <b>Description:</b> Name of a city (a town, a village) for addressing purposes.	C	an	1/35	Used
NAD080	3251	<b>Postal identification code</b>  <b>Description:</b> Code specifying the postal zone or address.	C	an	1/17	Used
NAD090	3207	<b>Country name code</b>  <b>Description:</b> Identification of the name of the country or other geographical entity as specified in ISO 3166.	C	an	1/3	Used

# GIS GENERAL INDICATOR

Pos: 0200	Max: 1
Mandatory	
Group: 6	Elements: 1

**User Option (Usage):** Must use

**Function:** To transmit a processing indicator.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GIS010	C529	PROCESSING INDICATOR	M	Comp		Must use

**Description:** Type of process indication.

GIS010-010	7365	Processing indicator description code	M	an	1/3	Must use
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**Description:** Code specifying a processing indicator.

**CodeList Summary** (Total Codes: 134, Included: 1)

**Code Name**

37 Complete information

**Description:** *Processing of information to note that complete data details (not just changes) are transmitted.*

## Notes:

1. Segment marked for deletion in the D.02B directory.

# NAD NAME AND ADDRESS

Pos: 0220	Max: 1
Mandatory	
Group: 7	Elements: 7

**User Option (Usage):** Must use

**Function:** To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
NAD010	3035	<b>Party function code qualifier</b>	M	an	1/3	Must use				
<p><b>Description:</b> Code giving specific meaning to a party.</p> <p><b>CodeList Summary</b> (Total Codes: 490, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CN</td> <td>Consignee</td> </tr> </tbody> </table> <p><b>Description:</b> (3132) Party to which goods are consigned.</p>							<u>Code</u>	<u>Name</u>	CN	Consignee
<u>Code</u>	<u>Name</u>									
CN	Consignee									
NAD020	C082	<b>PARTY IDENTIFICATION DETAILS</b>	C	Comp		Used				
<p><b>Description:</b> Identification of a transaction party by code.</p>										
NAD020-010	3039	<b>Party identifier</b>	M	an	1/35	Must use				
<p><b>Description:</b> Code specifying the identity of a party.</p>										
NAD020-030	3055	<b>Code list responsible agency code</b>	C	an	1/3	Used				
<p><b>Description:</b> Code specifying the agency responsible for a code list.</p> <p><b>CodeList Summary</b> (Total Codes: 266, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>92</td> <td>Assigned by buyer or buyer's agent</td> </tr> </tbody> </table> <p><b>Description:</b> <i>Self explanatory.</i></p>							<u>Code</u>	<u>Name</u>	92	Assigned by buyer or buyer's agent
<u>Code</u>	<u>Name</u>									
92	Assigned by buyer or buyer's agent									
NAD040	C080	<b>PARTY NAME</b>	C	Comp		Used				
<p><b>Description:</b> Identification of a transaction party by name, one to five lines. Party name may be formatted.</p>										
NAD040-010	3036	<b>Party name</b>	M	an	1/35	Must use				
<p><b>Description:</b> Name of a party involved in a transaction.</p>										
NAD050	C059	<b>STREET</b>	C	Comp		Used				
<p><b>Description:</b> Street address and/or PO Box number in a structured address: one to four lines.</p>										
NAD050-010	3042	<b>Street and number/p.o. box</b>	M	an	1/35	Must use				
<p><b>Description:</b> Street and number in</p>										



<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		plain language, or Post Office Box No.				
NAD060	3164	<b>City name</b>	C	an	1/35	Used
		<b>Description:</b> Name of a city (a town, a village) for addressing purposes.				
NAD080	3251	<b>Postal identification code</b>	C	an	1/17	Used
		<b>Description:</b> Code specifying the postal zone or address.				
NAD090	3207	<b>Country name code</b>	C	an	1/3	Used
		<b>Description:</b> Identification of the name of the country or other geographical entity as specified in ISO 3166.				

# LOC PLACE/LOCATION IDENTIFICATION

Pos: 0230	Max: 10
Conditional	
Group: 7	Elements: 2

User Option (Usage): Used

Function: To identify a place or a location and/or related locations.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
LOC010	3227	Location function code qualifier	M	an	1/3	Must use				
<p><b>Description:</b> Code identifying the function of a location.</p> <p><b>BorgWarner Note:</b> 3227 Location Function Code Qualifier "11" used with NAD CN</p> <p><b>CodeList Summary</b> (Total Codes: 217, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>11</td> <td>Place/port of discharge</td> </tr> </tbody> </table> <p><b>Description:</b> (3392 + 3414) Seaport, airport, freight terminal, rail station or other place at which the goods (cargo) are unloaded from the means of transport having been used for their carriage.</p>							<u>Code</u>	<u>Name</u>	11	Place/port of discharge
<u>Code</u>	<u>Name</u>									
11	Place/port of discharge									
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		Used				
<p><b>Description:</b> Identification of a location by code or name.</p> <p><b>BorgWarner Note:</b> C517:3225 Location Identification used with NAD CN</p>										
LOC020-010	3225	Location name code	C	an	1/25	Used				
<p><b>Description:</b> Code specifying the name of the location.</p>										

## BorgWarner Note:

Note: required for Vendors using EDI Solutions to interface with Covisint

# LIN LINE ITEM

Pos: 0380	Max: 1
Conditional	
Group: 12	Elements: 2

**User Option (Usage):** Must use

**Function:** To identify a line item and configuration.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN010	1082	<b>Line item number</b>	C	an	1/6	Used
		<b>Description:</b> Serial number designating each separate item within a series of articles.				
LIN030	C212	<b>ITEM NUMBER IDENTIFICATION</b>	C	Comp		Used
		<b>Description:</b> Goods identification for a specified source.				
LIN030-010	7140	<b>Item number</b>	C	an	1/35	Used
		<b>Description:</b> A number allocated to a group or item.				
LIN030-020	7143	<b>Item type identification code</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying an item code.				
		<b>CodeList Summary</b> (Total Codes: 100, Included: 1)				
		<b>Code</b>		<b>Name</b>		
		IN		Buyer's item number		
				<b>Description: Self explanatory.</b>		

# IMD ITEM DESCRIPTION

Pos: 0400	Max: 10
Conditional	
Group: 12	Elements: 2

**User Option (Usage):** Used

**Function:** To describe an item in either an industry or free format.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IMD010	7077	<b>Item description type, coded</b>	C	an	1/3	Used
		<b>Description:</b> Code indicating the format of a description.				
		<b>CodeList Summary</b> (Total Codes: 8, Included: 1)				
		<b><u>Code</u> <u>Name</u></b>				
		F Free-form				
		<b>Description:</b> <i>Self explanatory.</i>				
IMD030	C273	<b>ITEM DESCRIPTION</b>	C	Comp		Used
		<b>Description:</b> Description of an item.				
IMD030-040	7008	<b>Item description</b>	C	an	1/256	Used
		<b>Description:</b> Plain language description of articles or products.				

# RFF REFERENCE

Pos: 0490	Max: 1
Mandatory	
Group: 13	Elements: 1

**User Option (Usage):** Must use  
**Function:** To specify a reference.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	REFERENCE	M	Comp		Must use

**Description:** Identification of a reference.

RFF010-010	1153	Reference function code qualifier	M	an	1/3	Must use
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**Description:** Code giving specific meaning to a reference segment or a reference number.

**CodeList Summary** (Total Codes: 707, Included: 3)

**Code Name**

- ON BorgWarner Scheduling Agreement Number  
**Description:** *[1022] Reference number assigned by the buyer to an order.*
- AAN Delivery schedule number  
**Description:** *Reference number assigned by buyer to a delivery schedule.*
- AIF Previous delivery instruction number  
**Description:** *The identification of a previous delivery instruction.*

RFF010-020	1154	Reference identifier	C	an	1/35	Used
------------	------	----------------------	---	----	------	------

**Description:** Identifies a reference.

RFF010-030	1156	Line number	C	an	1/6	Used
------------	------	-------------	---	----	-----	------

**Description:** Number of the line in the document/message referenced in 1154 Reference identifier.

**BorgWarner Note:** *This line item number must be returned in the DESADV RFF010-030 where RFF010-010 = "ON" to correlate the line number for that part for the Scheduling Agreement.*

### BorgWarner Note:

*RFF AAN will be mapped with DTM 137  
 RFF ON will always exist, and if DTM 51 Exists, it will exist with this RFF ON group  
 RFF AIF will not have a DTM*

# DTM DATE/TIME/PERIOD

Pos: 0500	Max: 1
Conditional	
Group: 13	Elements: 1

**User Option (Usage):** Used

**Function:** To specify date, and/or time, or period.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	<b>DATE/TIME/PERIOD</b>	M	Comp		Must use
		<b>Description:</b> Date and/or time, or period relevant to the specified date/time/period type.				
DTM010-010	2005	<b>Date/time/period function code qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code giving specific meaning to a date, time or period.				
		<b>CodeList Summary</b> (Total Codes: 697, Included: 2)				
		<u>Code</u>	<u>Name</u>			
		51	Cumulative quantity start date			
			<b>Description:</b> <i>First Date for accumulation of delivery quantities.</i>			
		137	Document/message date/time			
			<b>Description:</b> <i>(2006) Date/time when a document/message is issued. This may include authentication.</i>			
DTM010-020	2380	<b>Date/time/period value</b>	C	an	1/35	Used
		<b>Description:</b> The value of a date, a date and time, a time or of a period in a specified representation.				
DTM010-030	2379	<b>Date/time/period format code</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying the representation of a date, time or period.				
		<b>CodeList Summary</b> (Total Codes: 74, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		102	CCYYMMDD			
			<b>Description:</b> <i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>			

# QTY QUANTITY

Pos: 0560	Max: 1
Mandatory	
Group: 15	Elements: 1

**User Option (Usage):** Must use

**Function:** To specify a pertinent quantity.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	<b>QUANTITY DETAILS</b>	M	Comp		Must use
		<b>Description:</b> Quantity information in a transaction, qualified when relevant.				
QTY010-010	6063	<b>Quantity type code qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code qualifying the type of quantity.				
		<b>CodeList Summary</b> (Total Codes: 412, Included: 3)				
		<b>Code</b>		<b>Name</b>		
		12		Despatch quantity		
				<b>Description: <i>Quantity despatched by the seller.</i></b>		
		48		Received quantity		
				<b>Description: <i>The quantity which has been received.</i></b>		
		70		Cumulative quantity received		
				<b>Description: <i>Cumulative quantity of all deliveries of this article received by the buyer.</i></b>		
QTY010-020	6060	<b>Quantity</b>	M	an	1/35	Must use
		<b>Description:</b> Alphanumeric representation of a quantity.				
QTY010-030	6411	<b>Measurement unit code</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying the unit of measurement.				

# RFF REFERENCE

Pos: 0590	Max: 1
Mandatory	
Group: 16	Elements: 1

**User Option (Usage):** Must use  
**Function:** To specify a reference.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
RFF010	C506	<b>REFERENCE</b>	M	Comp		Must use
		<b>Description:</b> Identification of a reference.				
RFF010-010	1153	<b>Reference function code qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code giving specific meaning to a reference segment or a reference number.				
		<b>CodeList Summary</b> (Total Codes: 707, Included: 1)				
		<b>Code Name</b>				
		AAK Despatch advice number				
		<b>Description:</b> <i>Reference number assigned by issuing party to a despatch advice.</i>				
RFF010-020	1154	<b>Reference identifier</b>	C	an	1/35	Used
		<b>Description:</b> Identifies a reference.				



# DTM DATE/TIME/PERIOD

Pos: 0600	Max: 1
Conditional	
Group: 16	Elements: 1

**User Option (Usage):** Used

**Function:** To specify date, and/or time, or period.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	<b>DATE/TIME/PERIOD</b>	M	Comp		Must use
		<b>Description:</b> Date and/or time, or period relevant to the specified date/time/period type.				
DTM010-010	2005	<b>Date/time/period function code qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code giving specific meaning to a date, time or period.				
		<b>CodeList Summary</b> (Total Codes: 697, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		171	Reference date/time			
		<b>Description:</b> <i>Date/time on which the reference was issued.</i>				
DTM010-020	2380	<b>Date/time/period value</b>	C	an	1/35	Used
		<b>Description:</b> The value of a date, a date and time, a time or of a period in a specified representation.				
DTM010-030	2379	<b>Date/time/period format code</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying the representation of a date, time or period.				
		<b>CodeList Summary</b> (Total Codes: 74, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		102	CCYYMMDD			
		<b>Description:</b> <i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>				

# SCC SCHEDULING CONDITIONS

Pos: 0620	Max: 1
Mandatory	
Group: 17	Elements: 2

**User Option (Usage):** Must use

**Function:** To specify scheduling conditions.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCC010	4017	Delivery plan commitment level code	M	an	1/3	Must use

**Description:** Code specifying the level of commitment to a delivery plan.

**CodeList Summary** (Total Codes: 24, Included: 2)

**Code Name**

- 1 Firm  
**Description:** *Indicates that the scheduling information is a firm commitment.*
- 4 Planning/forecast  
**Description:** *Self explanatory.*

SCC030	C329	PATTERN DESCRIPTION	C	Comp		Used
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**Description:** Shipment, delivery or production interval pattern and timing.

SCC030-010	2013	Frequency code	C	an	1/3	Used
------------	------	----------------	---	----	-----	------

**Description:** Code specifying the rate of recurrence.

**CodeList Summary** (Total Codes: 14, Included: 3)

**Code Name**

- M Monthly (calendar months)  
**Description:** *Code defining a forecast by calendar month(s).*
- W Weekly  
**Description:** *Code defining a forecast for weekly intervals.*
- Y Daily  
**Description:** *Self explanatory.*

# QTY QUANTITY

Pos: 0640	Max: 1
Mandatory	
Group: 18	Elements: 1

**User Option (Usage):** Must use

**Function:** To specify a pertinent quantity.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY010	C186	<b>QUANTITY DETAILS</b>	M	Comp		Must use
		<b>Description:</b> Quantity information in a transaction, qualified when relevant.				
QTY010-010	6063	<b>Quantity type code qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code qualifying the type of quantity.				
		<b>CodeList Summary</b> (Total Codes: 412, Included: 1)				
		<b>Code Name</b>				
		113 Quantity to be delivered				
		<b>Description:</b> <i>The quantity to be delivered.</i>				
QTY010-020	6060	<b>Quantity</b>	M	an	1/35	Must use
		<b>Description:</b> Alphanumeric representation of a quantity.				
QTY010-030	6411	<b>Measurement unit code</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying the unit of measurement.				

# DTM DATE/TIME/PERIOD

Pos: 0650	Max: 2
Conditional	
Group: 18	Elements: 1

**User Option (Usage):** Used

**Function:** To specify date, and/or time, or period.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM010	C507	<b>DATE/TIME/PERIOD</b>	M	Comp		Must use
		<b>Description:</b> Date and/or time, or period relevant to the specified date/time/period type.				
DTM010-010	2005	<b>Date/time/period function code qualifier</b>	M	an	1/3	Must use
		<b>Description:</b> Code giving specific meaning to a date, time or period.				
		<b>CodeList Summary</b> (Total Codes: 697, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		2	Delivery date/time, requested			
		<b>Description:</b> <i>Date on which buyer requests goods to be delivered.</i>				
DTM010-020	2380	<b>Date/time/period value</b>	C	an	1/35	Used
		<b>Description:</b> The value of a date, a date and time, a time or of a period in a specified representation.				
DTM010-030	2379	<b>Date/time/period format code</b>	C	an	1/3	Used
		<b>Description:</b> Code specifying the representation of a date, time or period.				
		<b>CodeList Summary</b> (Total Codes: 74, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		102	CCYYMMDD			
		<b>Description:</b> <i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>				

# UNT MESSAGE TRAILER

Pos: 1040	Max: 1
Mandatory	
Group: N/A	Elements: 2

**User Option (Usage):** Must use

**Function:** To end and check the completeness of a message.

## Element Summary:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
UNT010	0074	<b>Number of segments in a message</b>	M	n	1/10	Must use
		<b>Description:</b> The number of segments in a message body, plus the message header segment and message trailer segment.				
UNT020	0062	<b>Message reference number</b>	M	an	1/14	Must use
		<b>Description:</b> Unique message reference assigned by the sender.				

## Notes:

- 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.

## BorgWarner Note:

**Sample Data:**

```

UNA:+.? '
UNB+UNOC:3+BorgWarnerID+VendorID+151117:1029+37029'
UNH+1+DELFOR:D:99B:UN'
BGM+241+100'
DTM+137:20160101:102'
NAD+BY+111111::92'
GIS+37'
NAD+CN+6300::92'
LIN+1++123456:IN'
IMD+F++:::ITEM DESCRIPTION'
RFF+AAK:ABCD'
DTM+137:20160101:102'
RFF+ON:5500000000:20'
DTM+51:20151231:102'
RFF+AIF:12'
QTY+70:100:EA'
QTY+12:100:EA'
QTY+48:100:EA'
RFF+AAK:88888888'
DTM+171:20151201:102'
QTY+12:100:EA'
QTY+48:100:EA'
RFF+AAK:88888888'
DTM+171:20151101:102'
QTY+12:100:EA'
QTY+48:100:EA'
RFF+AAK:88888888'
DTM+171:20160101:102'
SCC+1'+Y'
QTY+113:100:EA'
DTM+2:20160101:102'
    
```

**UNT+30+1'**  
**UNZ+1+37029'**