DESADV Despatch advice message

EDIFACT/D99B/DESADV: DESADV Despatch advice message

Version: 3.0 Final

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DESADV Despatch advice message

Message Status=3

Definition: A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message. Throughout this document, the reference to 'Despatch Advice' may be interpreted as conveying the wider meaning of 'Delivery Despatch Advice/Returns Despatch Advice'.

Heading:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0010	UNH	MESSAGE HEADER	M	1	N1/0010	Must use
0020	BGM	BEGINNING OF MESSAGE	M	1	N1/0020	Must use
0030	DTM	DATE/TIME/PERIOD	C	10	N1/0030	Used
0110		**Segment Group 2**	**C**	**99**	**N1/0110**	**Used**
0120	NAD	NAME AND ADDRESS	M	1	N1/0120	Must use

Detail:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
0390		**Segment Group 10**	**C**	**9999**	**N2/0390**	**Used**
0400	CPS	CONSIGNMENT PACKING SEQUENCE	M	1	N2/0400	Must use
0650		**Segment Group 17**	**C**	**9999**	**N2/0650**	**Used**
0660	LIN	LINE ITEM	M	1	N2/0660	Must use
0670	PIA	ADDITIONAL PRODUCT ID	C	10	N2/0670	Used
0700	QTY	QUANTITY	C	10	N2/0700	Used
0820		**Segment Group 18**	**C**	**99**	**N2/0820**	**Used**
0830	RFF	REFERENCE	M	1	N2/0830	Must use

Summary:

Pos	Tag	Segment Name	Status	Rep	Notes	Usage
1150	UNT	MESSAGE TRAILER	M	1	N3/1150	Must use

Clarification:

1/0010   A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV. Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 DESADV 0052 D 0054 99B 0051 UN

1/0020   A segment for unique identification of the Despatch Advice document, by means of its name and its number.

1/0030   Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.

1/0110   A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

1/0120   A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment. It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

2/0390   A group of segments providing details of all package levels and of the individual despatched items

contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

2/0400   A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.

2/0650   A group of segments providing details of the individual despatched items.

2/0660   A segment identifying the product being despatched. All other segments in the detail section following the LIN segment refer to that line item.

2/0670   A segment providing additional product identification.

2/0700   A segment to give quantity information concerning the product.

2/0820   A group of segments to give reference numbers and dates.

2/0830   A segment identifying documents related to the line item.

3/1150   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:

About this DESADV:
The Vendor can populate valid fields other than what BorgWarner will be using as long as the structure within this document is adhered to for the requested information. However, only the fields listed in this document will be used internally.

Change Log:
2019-04-01 Pauline Flanigan Version 4 Ready for Publication
  1.   Group 18 RFF segments for Steel Vendors to capture Vendor Batch and Heat Number. Max 1 each.
       - RFF+BT (max 10 characters for vendor batch)
       - RFF+ZZZ
  2.   Group 17 QTY
       - C186_6411 listed acceptable UOM
2016-09-13 Pauline Flanigan Version 3 Ready for Publication
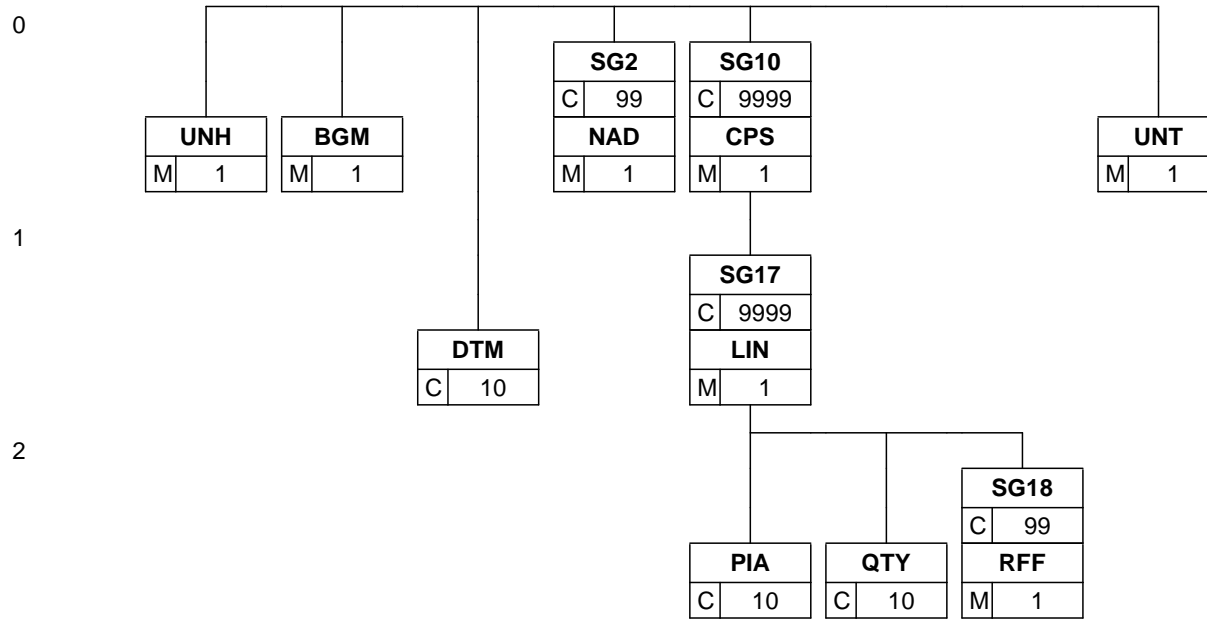 *1.   Group 2 NAD*
       - Added Party ID for CN, SU, ST as optional
2016-08-17 Pauline Flanigan Version 2 Ready for Publication
  1.   Group 17 LIN
       - C212_7140 Item number is now mandatory
  2.   Group 18 RFF
       - C506:1154 Reference Identifier is now mandatory
2015-12-10 Pauline Flanigan Final Version Ready for Publication

Branching Diagram: DESADV(Despatch advice message)

```
0 ─────┬──────┬───────┬────────┬────────────────────────────┐
     UNH    BGM    SG2      SG10                           UNT
     M  1   M  1   C   99   C  9999                        M  1
                   NAD      CPS
                   M  1     M  1

1                          SG17
            DTM            C  9999
            C   10         LIN
                           M  1

2                    ┌──────┬──────┬──────┐
                                         SG18
                                         C   99
                     PIA    QTY    RFF
                     C  10  C  10  M  1
```

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:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH010	0062	**Message reference number**	M	an	1/14	Must use

Description: Unique message reference assigned by the sender.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020	S009	**MESSAGE IDENTIFIER**	M	Comp		Must use

Description: Identification of the type, version, etc. of the message being interchanged.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020-010	0065	**Message type**	M	an	1/6	Must use

Description: Code identifying a type of message and assigned by its controlling agency.

Code List Summary (Total Codes: 180, Included: 1)

Code	Name
DESADV	Despatch advice message

    Description: *A code to identify the despatch advice message.*

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020-020	0052	**Message version number**	M	an	1/3	Must use

Description: Version number of a message type.

Code List Summary (Total Codes: 8, Included: 1)

Code	Name
D	Draft version/UN/EDIFACT Directory

    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).*

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020-030	0054	**Message release number**	M	an	1/3	Must use

Description: Release number within the current message version number.

Code List Summary (Total Codes: 20, Included: 1)

Code	Name
99B	Release 1999 - B

    Description: *Message approved and issued in the second 1999 release of the UNTDID (United Nations Trade Data Interchange Directory).*

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNH020-040	0051	**Controlling agency, coded**	M	an	1/3	Must use

Description: Code identifying a

Ref	**Tag**	**Element Name**	**Status**	**Type**	**Min/Max**	**Usage**

controlling agency.

Code List Summary (Total Codes: 25, Included: 1)

Code	**Name**
UN	UN/CEFACT

Description: *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).*

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:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM010	C002	**DOCUMENT/MESSAGE NAME**	C	Comp		Used

Description: Identification of a type of document/message by code or name. Code preferred.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM010-010	1001	**Document name code**	C	an	1/3	Used

Description: Code specifying the document name.

Code List Summary (Total Codes: 549, Included: 1)

Code	Name
351	Despatch advice

    Description: *Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.*

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM020	C106	**DOCUMENT/MESSAGE IDENTIFICATION**	C	Comp		Used

Description: Identification of a document/message by its number and eventually its version or revision.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BGM020-010	1004	**Document/message number**	C	an	1/35	Used

Description: Reference number assigned to the document/message by the issuer.

DTM DATE/TIME/PERIOD

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

User Option (Usage): Used
Function: To specify date, and/or time, or period.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM010	C507	**DATE/TIME/PERIOD**	M	Comp		Must use

Description: Date and/or time, or
period relevant to the specified
date/time/period type.

DTM010-010	2005	**Date/time/period function code qualifier**	M	an	1/3	Must use

Description: Code giving specific
meaning to a date, time or period.

Code List Summary (Total Codes: 697, Included: 1)

Code Name

137   Document/message date/time

Description: *(2006) Date/time when a document/message is issued. This may include authentication.*

DTM010-020	2380	**Date/time/period value**	C	an	1/35	Used

Description: The value of a date, a
date and time, a time or of a period in a
specified representation.

DTM010-030	2379	**Date/time/period format code**	C	an	1/3	Used

Description: Code specifying the
representation of a date, time or period.

Code List Summary (Total Codes: 74, Included: 1)

Code Name

203   CCYYMMDDHHMM

Description: *Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.*

NAD NAME AND ADDRESS

Pos: 0120	**Max: 1**
Mandatory	
Group: 2	**Elements: 2**

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:

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

Description: Code giving specific meaning to a party.

Code List Summary (Total Codes: 490, Included: 3)

Code	Name
CN	Consignee

Description: *(3132) Party to which goods are consigned.*

ST	Ship to

Description: *Identification of the party to where goods will be or have been shipped.*

SU	Supplier

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

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD020	C082	**PARTY IDENTIFICATION DETAILS**	C	Comp		Used

Description: Identification of a transaction party by code.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD020-010	3039	**Party identifier**	M	an	1/35	Must use

Description: Code specifying the identity of a party.

CPS CONSIGNMENT PACKING SEQUENCE

Pos: 0400	Max: 1
Mandatory	
Group: 10	Elements: 2

User Option (Usage): Must use

Function: To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CPS010	7164	**Hierarchical structure level identifier**	M	an	1/35	Must use

Description: To identify a level within a hierarchy structure.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CPS030	7075	**Packaging level, coded**	C	an	1/3	Used

Description: Indication of level of packaging specified.

Code List Summary (Total Codes: 4, Included: 4)

Code	Name
1	Inner

Description: *Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level.*

Code	Name
2	Intermediate

Description: *Level of packaging, if it exists, that is immediately subordinate to the outer packaging level.*

Code	Name
3	Outer

Description: *For packed merchandise, outermost level of packaging for a shipment.*

Code	Name
4	No packaging hierarchy

Description: *There is no specifiable level of packaging: packaging is inner and outer level as well.*

LIN LINE ITEM

<table>
<tr><td>Pos: 0660</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Mandatory</td></tr>
<tr><td>Group: 17</td><td>Elements: 1</td></tr>
</table>

User Option (Usage): Must use

Function: To identify a line item and configuration.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LIN030	C212	**ITEM NUMBER IDENTIFICATION**	C	Comp		Used

Description: Goods identification for a specified source.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LIN030-010	7140	**Item number**	M	an	1/35	Used

Description: A number allocated to a group or item.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
LIN030-020	7143	**Item type identification code**	C	an	1/3	Used

Description: Code specifying an item code.

Code List Summary (Total Codes: 100, Included: 1)

Code	Name
IN	Buyer's item number

Description: *Self explanatory.*

PIA ADDITIONAL PRODUCT ID

Pos: 0670	Max: 10
Conditional	
Group: 17	Elements: 2

User Option (Usage): Used

Function: To specify additional or substitutional item identification codes.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA010	4347	**Product id. function qualifier**	M	an	1/3	Must use

Description: Indication of the function of the product code.

Code List Summary (Total Codes: 12, Included: 1)

Code	Name
1	Additional identification

Description: *Information which specifies and qualifies product identifications.*

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
PIA020	C212	**ITEM NUMBER IDENTIFICATION**	M	Comp		Must use

Description: Goods identification for a specified source.

PIA020-010	7140	**Item number**	C	an	1/35	Used

Description: A number allocated to a group or item.

PIA020-020	7143	**Item type identification code**	C	an	1/3	Used

Description: Code specifying an item code.

Code List Summary (Total Codes: 100, Included: 1)

Code	Name
SA	Supplier's article number

Description: *Number assigned to an article by the supplier of that article.*

QTY QUANTITY

Pos: 0700	Max: 10
Conditional	
Group: 17	Elements: 1

User Option (Usage): Used

Function: To specify a pertinent quantity.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
QTY010	C186	**QUANTITY DETAILS**	M	Comp		Must use

Description: Quantity information in a transaction, qualified when relevant.

QTY010-010	6063	**Quantity type code qualifier**	M	an	1/3	Must use

Description: Code qualifying the type of quantity.

Code List Summary (Total Codes: 412, Included: 1)

Code Name

12   Despatch quantity

        Description: *Quantity despatched by the seller.*

QTY010-020	6060	**Quantity**	M	an	1/35	Must use

Description: Alphanumeric representation of a quantity.

QTY010-030	6411	**Measurement unit code**	C	an	1/3	Used

Description: Code specifying the unit of measurement.

BorgWarner Note: *Accepted Values:*

C62 = one

CS = case

EA= each

FTK = SQ Foot

GLL = gallon

GRM = gram

KGM =kilogram

LBR = pound

LTR = liter

MTR = meter

PCE = unit

RO = roll

YRD = yard

RFF REFERENCE

Pos: 0830	Max: 1
Mandatory	
Group: 18	**Elements: 1**

User Option (Usage): Must use

Function: To specify a reference.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
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

> **Description:** Code giving specific meaning to a reference segment or a reference number.

Code List Summary (Total Codes: 707, Included: 3)

Code	Name
BT	Batch number/lot number

> **Description:** *Reference number assigned by manufacturer to a series of similar products or goods produced under similar conditions.*

ON	Order number (purchase)

> **Description:** *[1022] Reference number assigned by the buyer to an order.*

ZZZ	Heat Number

> **Description:** *Number based on party agreement.*

RFF010-020	1154	**Reference identifier**	M	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 match the value sent in the DELFOR RFF010-030 where RFF010-010 = "ON"*

BorgWarner Note:

Required for all Suppliers; Order Number and line item number
RFF+ON+Order Number::00010

Optional, For Steel Vendors Only:
RFF+BT = Vendor Batch/Lot/Serial Number/Coil Number
  Max field length 10 for Vendor Batch. Right most 10 will be used
    Example"4269149.001" will present as "269149.001"in BorgWarner System.
  if used, max use 1 and also must have one RFF+ZZZ
RFF+ZZZ = Heat Number
  can receive the standard of 35 characters
  if used, Max use 1 and must also have one RFF+BT

UNT MESSAGE TRAILER

Pos: 1150	**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:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNT010	0074	**Number of segments in a message**	M	n	1/10	Must use

Description: The number of segments in a message body, plus the message header segment and message trailer segment.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNT020	0062	**Message reference number**	M	an	1/14	Must use

Description: Unique message reference assigned by the sender.

Notes:

1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.

BorgWarner Note:

Sample Data:
UNA:+ ? '
UNB+UNOC:3+VendorID+BorgWarnerID+151203:1435+0354203543'
UNH+1+DESADV:D:99B:UN'
BGM+351+54222'
DTM+137:201601011132:203'
CPS+1++1'
LIN+++111111:IN'
PIA+1+2222-00:SA'
QTY+12:100:EA'
RFF+ON:5500000000:20'
CPS+2++4'
LIN+++33333:IN'
PIA+1+4444-00:SA'
QTY+12:100:EA'
RFF+ON:5500000000:10'
RFF+BT:LOTNUMBER'
RFF+ZZZ:HEATNUMBER'
UNT+16+1'
UNZ+1+0354203543'