

DESADV D98B

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DESADV Despatch Advice Message

Message Status=2

Purpose: DESADV is a despatch advice message which specifies the details for goods despatched or ready for despatch under agreed upon 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'.

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	UNB	INTERCHANGE HEADER	M	1		Must use
0030	UNH	MESSAGE HEADER	M	1		Used

Heading:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
0040	BGM	BEGINNING OF MESSAGE	M	1		Must use
0050	DTM	DATE/TIME/PERIOD	C	10		Must use
0090		Segment Group 1	C	10		Used
0100	RFF	REFERENCE	M	1		Must use
0120		Segment Group 2	C	99		Used
0130	NAD	NAME AND ADDRESS	M	1		Must use
0140	LOC	PLACE/LOCATION IDENTIFICATION	C	10		Must use
		Segment	C	10		Used
0160	RFF	REFERENCE	M	1		Used
0250		Segment Group 6	C	10		Used
0260	TDT	DETAILS OF TRANSPORT	M	1		Must use
0310		Segment Group 8	C	10		Used
0320	EQD	EQUIPMENT DETAILS	M	1		Used
0330	MEA	MEASUREMENTS	C	5		Used
0340	SEL	SEAL NUMBER	C	25		Used

Detail:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
0390		Segment Group 10	C	9999		Used
0400	CPS	CONSIGNMENT PACKING SEQUENCE	M	1		Must use
0430		Segment Group 11	C	9999		Used
0440	PAC	PACKAGE	M	1		Must use
0460	QTY	QUANTITY	C	10		Used
0500		Segment Group 13	C	1000		Used
0510	PCI	PACKAGE IDENTIFICATION	M	1		Used
0540		Segment Group 14	C	99		Used
0550	GIR	RELATED IDENTIFICATION NUMBERS	M	1		Used
0600		Segment Group 16	C	9999	N2/0600	Used
0610	LIN	LINE ITEM	M	1		Must use
0620	PIA	ADDITIONAL PRODUCT ID	C	10		Used
0630	IMD	ITEM DESCRIPTION	C	25		Must use
0650	QTY	QUANTITY	C	10		Must use

0660	ALI	ADDITIONAL INFORMATION	C	10	Must use
0670	GIN	GOODS IDENTITY NUMBER	C	100	Used
0760		Segment Group 17	C	99	Used
0770	RFF	REFERENCE	M	1	Must use

Summary:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
1080	CNT	CONTROL TOTAL	C	5		Used

Not Defined:

<u>Pos</u>	<u>Tag</u>	<u>Segment Name</u>	<u>Status</u>	<u>Rep</u>	<u>Notes</u>	<u>Usage</u>
1090	UNT	MESSAGE TRAILER	M	1		Used
1110	UNZ	INTERCHANGE TRAILER	M	1		Must use

Note:

Summary list of actions that must happen to send Cummins a correct DEASDV:

- 1) Timely submission of the DESADV message.
- 2) Accurate data.
- 3) Data sent to the correct customer.
- 4) Immediate response to error messages.
- 5) Conformance.
- 6) Coverage.
- 7) Unique shipment identification number.

Note:

List of actions that must happen to send Cummins a correct DESADV:

- 1) A DESADV must be sent at the time of shipment. It should be sent when the truck leaves the shipping dock. If the supplier location is within 30 minutes of the customer plant, the DESADV must be sent before the truck leaves the supplier location. These rules will ensure the DESADV message is received and available when the material arrives at the Cummins plant.
- 2) Valid dates in the correct format (CCYYMMDDHHMM), correct quantities, correct purchase order numbers, correct part numbers, correct receiving and plant locations, and supplier numbers are required.
- 3) DESADVs do not always go to the same location as they are Trading Partner specific. Correct DUNS numbers for each location must be used. Cummins' current Trading Partner IDs are available at <http://www.cummins.com/suppliers>.
- 4) If an APERAK message is received after a DESADV is sent, it indicates the DESADV was not processed. The supplier is expected to correct and re-send the DESADV immediately. The APERAK will include information pertinent to the error that occurred.
- 5) DESADV information must agree with what the supplier actually ships and the information contained in the corresponding scheduling message. Any discrepancy will cause receiving related problems and payment related problems for the supplier.
- 6) DESADVs should include all part numbers in the shipment. Do not send 1 DESADV per part number. Additionally, Cummins systems will only allow for a part number to be listed one time in the DESADV.
- 7) Shipment identification (SID) numbers must be unique for every shipment and are determined by the supplier. Cummins' systems reject duplicate SID numbers received from the same supplier within 1 year to avoid accidental duplication of receipts. Exception: When an APERAK error message is received, the corrected DESADV should be sent with the same SID number as the original DESADV (this will not be rejected because the inaccurate data received originally prevented the data from being processed into Cummins' systems).

Note:

Example EDI:

```
UNB+UNOA:1+123456789:1+987654321:1+080925:1111+1234
UNH+1+DESADV:D:98B:UN
BGM+351+12345+9
DTM+11:200809251111:203
DTM+17:200809252222:203
RFF+AAU:12345
NAD+SF+123456LASVEGAS00::92++CUMMINS SUPPLIER
NAD+ST+987654321::16++CUMMINS PLANT
LOC+7+123
RFF+PK:1234567
```

TDT+20+12345++31+ABCD::182:ABCD TRUCKING COMPANY
EQD+TE+US-9876
MEA+WT+G+LB:123456
SEL+SE-123456+CA
CPS+1++4
PAC+2++PLT71
QTY+52:100:EA
PCI+15
GIR+3+7654321:ML
LIN+1++1234567:IN
PIA+1+SO12345+AB
IMD+++:::ENGINE
QTY+12:100:EA
ALI+US
GIN+BN+87654321
RFF+ON:98765
CNT+2:1
UNT+27+1
UNZ+1+1234

UNB INTERCHANGE HEADER

Pos: 0010	Max: 1
Mandatory	
Group: N/A	Elements: 5

User Option (Usage): Must use
Purpose: To start, identify, and specify an interchange.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
UNB010	S001	SYNTAX IDENTIFIER	M	Comp		Must use
Description: Identification of the agency controlling the syntax and indication of syntax level.						
UNB010-010	0001	Syntax identifier	M	a	4/4	Must use
Description: Coded identification of the agency controlling a syntax and syntax level used in an interchange.						
CodeList Summary (Total Codes: 6, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		UNOA		UN/ECE level A		
		UNOB		UN/ECE level B		
UNB010-020	0002	Syntax version number	M	n	1/1	Must use
Description: Version number of the syntax identified in the syntax identifier.						
Note: If the UNB010 0001 Syntax Identifier = 'UNOA', the Syntax Version Number will = '1'.						
If the UNB010 0001 Syntax Identifier = 'UNOB', the Syntax Version Number will = '2'.						
CodeList Summary (Total Codes: 3, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		1		Version 1		
		2		Version 2		
UNB020	S002	INTERCHANGE SENDER	M	Comp		Must use
Description: Identification of the sender of the interchange.						
UNB020-010	0004	Sender identification	M	an	1/35	Must use
Description: Name or coded representation of the sender of a data interchange.						
Note: Supplier's EDI trading partner sender id.						
UNB020-020	0007	Partner identification code qualifier	C	an	1/4	Used
Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.						
CodeList Summary (Total Codes: 44, Included: 3)						
		<u>Code</u>		<u>Name</u>		
		1		DUNS (Data Universal Numbering System)		
		12		Telephone number		
		ZZ		Mutually Defined		
UNB030	S003	INTERCHANGE RECIPIENT	M	Comp		Must use
Description: Identification of the recipient of the interchange.						
UNB030-010	0010	Recipient identification	M	an	1/35	Must use
Description: Name or coded representation of the recipient of a data interchange.						
Note: Cummins DUNS number or receiver id						
UNB030-020	0007	Partner identification code qualifier	C	an	1/4	Used

Description: Qualifier referring to the source of codes for the identifiers of interchanging partners.

CodeList Summary (Total Codes: 43, Included: 1)

<u>Code</u>	<u>Name</u>
1	DUNS (Data Universal Numbering System)

UNB040	S004	DATE/TIME OF PREPARATION	M	Comp		Must use
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Description: Date/time of preparation of the interchange.

UNB040-010	0017	Date of preparation	M	n	6/6	Must use
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Description: Local date when an interchange or a functional group was prepared.

UNB040-020	0019	Time of preparation	M	n	4/4	Must use
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Description: Local time of day when an interchange or a functional group was prepared.

UNB050	0020	Interchange control reference	M	an	1/14	Must use
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Description: Unique reference assigned by the sender to an interchange.

Note:

Example EDI:

UNB+UNOA:1+123456789:1+987654321:1+080925:1111+1234

UNH MESSAGE HEADER

Pos: 0030	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Used
Purpose: 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	Message reference number	M	an	1/14	Used
		Description: Unique message reference assigned by the sender.				
UNH020	S009	MESSAGE IDENTIFIER	M	Comp		Used
		Description: Identification of the type, version, etc. of the message being interchanged.				
UNH020-010	0065	Message type identifier	M	an	1/6	Used
		Description: Code identifying a type of message and assigned by its controlling agency.				
		CodeList Summary (Total Codes: 172, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		DESADV	Despatch advice message			
UNH020-020	0052	Message type version number	M	an	1/3	Used
		Description: Version number of a message type.				
		CodeList Summary (Total Codes: 7, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		D	Draft version			
UNH020-030	0054	Message type release number	M	an	1/3	Used
		Description: Release number within the current message type version number.				
		CodeList Summary (Total Codes: 18, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		98B	Release 1998 - B			
UNH020-040	0051	Controlling agency	M	an	1/2	Used
		Description: Code identifying the agency controlling the specification, maintenance, and publication of the message type.				
		CodeList Summary (Total Codes: 22, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		UN	UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)			

Note:

Example EDI:
 UNH+1+DESADV:D:98B:UN

BGM BEGINNING OF MESSAGE

Pos: 0040	Max: 1
Mandatory	
Group: N/A	Elements: 3

User Option (Usage): Must use

Purpose: 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	DOCUMENT/MESSAGE NAME	C	Comp		Used
Description: Identification of a type of document/message by code or name.						
BGM010-010	1001	Document/message name, coded	C	an	1/3	Used
Description: Document/message identifier expressed in code.						
Note: <i>Ship Notice (ASN)</i>						
CodeList Summary (Total Codes: 494, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		351	Despatch advice			
BGM020	C106	DOCUMENT/MESSAGE IDENTIFICATION	C	Comp		Used
Description: Identification of a document/message by its number and eventually its version or revision.						
BGM020-010	1004	Document/message number	C	an	1/35	Used
Description: Reference number assigned to the document/message by the issuer.						
Note: <i>Shipment Identification (SID) Number is assigned by the supplier and is not to be repeated within a 12 month period.</i>						
BGM030	1225	Message function, coded	C	an	1/3	Used
Description: Code indicating the function of the message.						
CodeList Summary (Total Codes: 59, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		5	Replace			
		9	Original			

Note:

The shipment identification (SID) number should not exceed a 12 character maximum. However, as Cummins upgrades to new systems, this maximum character count may change.

Note:

*Example EDI:
BGM+351+12345+9*

<h1 style="margin: 0;">DTM DATE/TIME/PERIOD</h1>	Pos: 0050 Max: 10 Conditional Group: N/A Elements: 1
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User Option (Usage): Must use
Purpose: 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	DATE/TIME/PERIOD	M	Comp		Used

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

DTM010-010	2005	Date/time/period qualifier	M	an	1/3	Used
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Description: Code giving specific meaning to a date, time, or period.

CodeList Summary (Total Codes: 485, Included: 2)

<u>Code</u>	<u>Name</u>
11	Despatch date and or time
17	Delivery date/time, estimated

DTM010-020	2380	Date/time/period	C	an	1/35	Used
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Description: The value of a date, a date and time, a time, or of a period in a specified representation.

Note: Use the actual shipment date/time and the estimated delivery date/time.

DTM010-030	2379	Date/time/period format qualifier	C	an	1/3	Used
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Description: Specification of the representation of a date, a date and time, or of a period.

CodeList Summary (Total Codes: 71, Included: 1)

<u>Code</u>	<u>Name</u>
203	CCYYMMDDHHMM

Note:
 There will always be two DTM segments with each DESADV message. The first should indicate the actual date/time of the shipment. The second should indicate the estimated delivery date/time.

Note:
 The DTM Segments must have values in the CCYYMMDDHHMM format.

Note:
 Example EDI:
 DTM+11:200809251111:203
 DTM+17:200809252222:203

<h1 style="margin: 0;">RFF REFERENCE</h1>	Pos: 0100 Max: 1 Mandatory Group: 1 Elements: 1
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User Option (Usage): Must use
Purpose: 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		Used

Description: Identification of a reference.

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

CodeList Summary (Total Codes: 618, Included: 1)

<u>Code</u>	<u>Name</u>
AAU	Despatch note number

RFF010-020	1154	Reference number	C	an	1/35	Used
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Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

Note: Use the shippers bill of lading number or the despatch note number (advice note).

Note:

Example EDI:
 RFF+AAU:12345

NAD NAME AND ADDRESS

Pos: 0130	Max: 1
Mandatory	
Group: 2	Elements: 8

User Option (Usage): Must use

Purpose: To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
NAD010	3035	Party qualifier	M	an	1/3	Used

Description: Code giving specific meaning to a party.

CodeList Summary (Total Codes: 375, Included: 4)

Code	Name
CB	Customs broker
FW	Freight forwarder
SF	Ship from
ST	Ship to

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

NAD020-010	3039	Party identification	M	an	1/35	Used
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Description: Code identifying a party involved in a transaction.

Note: For the ship from segment (SF), use the supplier identification number provided to you in the DELFOR or equivalent ship schedule document.

For the ship to segment (ST), use the Cummins defined plant identification number provided to you in the DELFOR or equivalent ship schedule document.

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

Note: If element 3039 is a DUNS Number, the code qualifier will be 16. All other numbers will use the code qualifier of 92.

CodeList Summary (Total Codes: 223, Included: 2)

Code	Name
16	DUNS (Dun & Bradstreet)
92	Assigned by buyer or buyer's agent

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.

NAD040-010	3036	Party name	M	an	1/35	Used
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Description: Name of a party involved in a transaction.

NAD050	C059	STREET	C	Comp		Used
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Description: Street address and/or PO Box number in a structured address: one to four lines.

NAD050-010	3042	Street and number/p.o. box	M	an	1/35	Used
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Description: Street and number in plain language, or Post Office Box No.

NAD050-020	3042	Street and number/p.o. box	C	an	1/35	Used
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Description: Street and number in plain language, or Post Office Box No.

NAD050-030	3042	Street and number/p.o. box	C	an	1/35	Used
		Description: Street and number in plain language, or Post Office Box No.				
NAD060	3164	City name	C	an	1/35	Used
		Description: Name of a city (a town, a village) for addressing purposes.				
NAD070	3229	Country sub-entity identification	C	an	1/9	Used
		Description: Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.				
NAD080	3251	Postcode identification	C	an	1/9	Used
		Description: Code defining postal zones or addresses.				
NAD090	3207	Country, coded	C	an	1/3	Used
		Description: Identification of the name of a country or other geographical entity as specified in ISO 3166.				

Note:

There will always be two NAD segments with each desadv message to identify the ship from and the ship to parties. International shipments may have additional NAD segments to identify a customs broker or freight forwarder.

Note:

Cummins plant IDs may vary by entity. Please refer to the Cummins website for a list of all Cummins plant Trading Partner IDs.

Note:

Example EDI:
 NAD+SF+123456LASVEGAS00::92++CUMMINS SUPPLIER
 NAD+ST+987654321::16++CUMMINS PLANT

LOC PLACE/LOCATION IDENTIFICATION

Pos: 0140	Max: 10
Conditional	
Group: 2	Elements: 2

User Option (Usage): Must use

Purpose: 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	Place/location qualifier	M	an	1/3	Used
		Description: Code identifying the function of a location.				
		CodeList Summary (Total Codes: 179, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		7		Place of delivery		
LOC020	C517	LOCATION IDENTIFICATION	C	Comp		Used
		Description: Identification of a location by code or name.				
LOC020-010	3225	Place/location identification	C	an	1/25	Used
		Description: Identification of the name of place/location.				
		Note: Use the Cummins Receiving Location number provided to you on the DELFOR or equivalent shipment schedule document.				

Note:

This segment is only used in conjunction with the NAD segment that defines the ship to location (ie. NAD element 3035 = ST). For any other NAD segments, the LOC is not used.

Note:

The LOC value must be a 3 digit numeric value.

Note:

*Example EDI:
LOC+7+123*

RFF REFERENCE

Pos: 0160	Max: 1
Mandatory	
Group:	Elements: 1

User Option (Usage): Used
Purpose: 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		Used

Description: Identification of a reference.

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

CodeList Summary (Total Codes: 618, Included: 1)

<u>Code</u>	<u>Name</u>
PK	Packing list number

RFF010-020	1154	Reference number	C	an	1/35	Used
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Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

Note: Use the shipment packing slip number.

Note:

Example EDI:
RFF+PK:1234567

TDT DETAILS OF TRANSPORT

Pos: 0260	Max: 1
Mandatory	
Group: 6	Elements: 4

User Option (Usage): Must use

Purpose: To specify the transport details such as mode of transport, means of transport, its conveyance reference number, and the identification of the means of transport. The segment may be pointed to by the TPL segment.

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
TDT010	8051	Transport stage qualifier	M	an	1/3	Used

Description: Qualifier giving a specific meaning to the transport details.

CodeList Summary (Total Codes: 17, Included: 1)

Code	Name
20	Main-carriage transport

TDT020	8028	Conveyance reference number	C	an	1/17	Used
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Description: Unique reference given by the carrier to a certain journey or departure of a means of transport (generic term).

Note: Carrier freight bill number, carrier pro number, etc.

TDT040	C228	TRANSPORT MEANS	C	Comp		Used
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Description: Code and/or name identifying the type of means of transport.

TDT040-010	8179	Type of means of transport identification	C	an	1/8	Used
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Description: Code defining the type of the means of transport being utilized.

Note: If supplier is sending material thru Cummins freight consolidator, indicate mode of transportation from consol point to Cummins. (eg. Ocean or Air)

CodeList Summary (Total Codes: 48, Included: 3)

Code	Name
6	Aircraft
13	Ocean vessel
31	Truck

TDT050	C040	CARRIER	C	Comp		Used
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Description: Identification of a carrier by code and/or by name.

TDT050-010	3127	Carrier identification	C	an	1/17	Used
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Description: Identification of party undertaking or arranging transport of goods between named points.

Note: Carrier SCAC code (4 alpha character code identifying the carrier).

Note: If supplier is sending material thru Cummins freight consolidator must include correct SCAC code for consol provider. CEVA SCAC = CEVV.

TDT050-030	3055	Code list responsible agency, coded	C	an	1/3	Used
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Description: Code identifying the agency responsible for a code list.

CodeList Summary (Total Codes: 223, Included: 1)

Code	Name
182	US, Standard Carrier Alpha Code (Motor)

TDT050-040	3128	Carrier name	C	an	1/35	Used
------------	------	--------------	---	----	------	------

Description: Name of party undertaking or arranging transport of goods between named points.

Note:

Example EDI:

TDT+20+12345++31+ABCD::182:ABCD TRUCKING COMPANY

EQD EQUIPMENT DETAILS

Pos: 0320	Max: 1
Mandatory	
Group: 8	Elements: 2

User Option (Usage): Used
Purpose: To identify a unit of equipment.

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>
EQD010	8053	Equipment qualifier	M	an	1/3	Used

Description: Code identifying type of equipment.

CodeList Summary (Total Codes: 49, Included: 2)

<u>Code</u>	<u>Name</u>
CN	Container
TE	Trailer

EQD020	C237	EQUIPMENT IDENTIFICATION	C	Comp		Used
--------	------	--------------------------	---	------	--	------

Description: Marks (letters and/or numbers) identifying equipment used for transport such as a container.

EQD020-010	8260	Equipment identification number	C	an	1/17	Used
------------	------	---------------------------------	---	----	------	------

Description: Marks (letters and/or numbers) which identify equipment e.g. unit load device.

Note: Use trailer number or ocean container number.

Note:

This segment is only used for full load shipments (truckload or container load). It is not required for LTL shipments made by the supplier.

Note:

*Example EDI:
EQD+TE+US-9876*

MEA MEASUREMENTS

Pos: 0330	Max: 5
Conditional	
Group: 8	Elements: 3

User Option (Usage): Used

Purpose: To specify physical measurements, including dimension tolerances, weights, and counts.

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>
MEA010	6311	Measurement purpose qualifier	M	an	1/3	Used
Description: Specification of the purpose of the measurement.						
CodeList Summary (Total Codes: 86, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		WT	Weights			
MEA020	C502	MEASUREMENT DETAILS	C	Comp		Used
Description: Identification of measurement type.						
MEA020-010	6313	Property measured, coded	C	an	1/3	Used
Description: Specification of the property measured.						
CodeList Summary (Total Codes: 244, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		G	Gross weight			
MEA030	C174	VALUE/RANGE	C	Comp		Used
Description: Measurement value and relevant minimum and maximum values of the measurement range.						
MEA030-010	6411	Measure unit qualifier	M	an	1/3	Used
Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume, or other quantity is expressed.						
CodeList Summary (Total Codes: 2, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		KG	Kilogram			
		LB	Pound			
MEA030-020	6314	Measurement value	C	an	1/18	Used
Description: Value of the measured unit.						

Note:

This segment is only used for outbound shipments from Cummins plants to specific customer locations.

Note:

*Example EDI:
MEA+WT+G+LB:123456*

SEL SEAL NUMBER

Pos: 0340	Max: 25
Conditional	
Group: 8	Elements: 2

User Option (Usage): Used

Purpose: To specify the seal number or a range of seal numbers.

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>
SEL010	9308	Seal number	C	an	1/10	Used
Description: The number of a custom seal or another seal affixed to the containers or other transport unit.						
SEL020	C215	SEAL ISSUER	C	Comp		Used
Description: Identification of the issuer of a seal on equipment either by code or by name.						
SEL020-010	9303	Sealing party, coded	C	an	1/3	Used
Description: Identification of the issuer of the seal number.						

CodeList Summary (Total Codes: 7, Included: 2)

<u>Code</u>	<u>Name</u>
CA	Carrier
SH	Shipper

Note:

This segment is only used for full load shipments (truckload or container load).

Note:

*Example EDI:
SEL+SE-123456+CA*

CPS CONSIGNMENT PACKING SEQUENCE

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

User Option (Usage): Must use

Purpose: 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:

<u>Ref</u>	<u>Tag</u>	<u>Element Name</u>	<u>Status</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CPS010	7164	Hierarchical id. number	M	an	1/12	Used
Description: A unique number assigned by the sender to identify a level within a hierarchical structure.						
CPS030	7075	Packaging level, coded	C	an	1/3	Used
Description: Indication of level of packaging specified.						
CodeList Summary (Total Codes: 4, Included: 1)						
		<u>Code</u>	<u>Name</u>			
		4	No packaging hierarchy			

Note:

*Example EDI:
CPS+1++4*

PAC PACKAGE

Pos: 0440	Max: 1
Mandatory	
Group: 11	Elements: 2

User Option (Usage): Must use

Purpose: To describe the number and type of packages/physical units.

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>
PAC010	7224	Number of packages	C	n	1/8	Used

Description: Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.

PAC030	C202	PACKAGE TYPE	C	Comp		Used
--------	------	---------------------	---	------	--	------

Description: Type of package by name or by code from a specified source.

PAC030-010	7065	Type of packages identification	C	an	1/17	Used
------------	------	--	---	----	------	------

Description: Coded description of the form in which goods are presented.

Note: *Common packaging codes are:*

CodeList Summary (Total Codes: 8, Included: 8)

<u>Code</u>	<u>Name</u>
CTN25	Carton, corugated
CTN71	Carton
CTN79	Carton, plastic
CTN90	Standard carton
LSE71	Loose
PLT71	Pallet
SKD71	Skid
TBN79	Tote

Note:

Example EDI:
PAC+2++PLT71

QTY QUANTITY

Pos: 0460	Max: 10
Conditional	
Group: 11	Elements: 1

User Option (Usage): Used
Purpose: 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	QUANTITY DETAILS	M	Comp		Used
Description: Quantity information in a transaction, qualified when relevant.						
QTY010-010	6063	Quantity qualifier	M	an	1/3	Used
Description: Code giving specific meaning to a quantity.						
CodeList Summary (Total Codes: 240, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		52		Quantity per pack		
QTY010-020	6060	Quantity	M	n	1/15	Used
Description: Numeric value of a quantity.						
QTY010-030	6411	Measure unit qualifier	C	an	1/3	Used
Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.						

Note:

Example EDI:
 QTY+52:100:EA

PCI PACKAGE IDENTIFICATION

Pos: 0510	Max: 1
Mandatory	
Group: 13	Elements: 1

User Option (Usage): Used

Purpose: To specify markings and labels on individual packages or physical units.

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>
PCI010	4233	Marking instructions, coded	C	an	1/3	Used

Description: Code indicating instructions on how specified packages or physical units should be marked.

CodeList Summary (Total Codes: 31, Included: 1)

<u>Code</u>	<u>Name</u>
15	Mark supplier number

Note:

This segment and the corresponding GIR segment(s) are optional. If used, they would contain bar code serial numbers or Kanban card numbers that would identify the individual shipping containers.

Note:

*Example EDI:
PCI+15*

<h1 style="margin: 0;">GIR</h1>	<h1 style="margin: 0;">RELATED IDENTIFICATION NUMBERS</h1>	Pos: 0550 Max: 1 Mandatory Group: 14 Elements: 2
---------------------------------	--	--

User Option (Usage): Used
Purpose: To specify a related set of identification numbers.

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>
GIR010	7297	Set identification qualifier	M	an	1/3	Used
		Description: Identification of the type of set.				
		CodeList Summary (Total Codes: 18, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		3		Package		
GIR020	C206	IDENTIFICATION NUMBER	M	Comp		Used
		Description: The identification of an object.				
GIR020-010	7402	Identity number	M	an	1/35	Used
		Description: The number given to an object for its unique identification.				
GIR020-020	7405	Identity number qualifier	C	an	1/3	Used
		Description: Code specifying the type/source of identity number.				
		CodeList Summary (Total Codes: 62, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		AL		Kanban card number		
		ML		Marking/label number		

Note:
 This segment is optional. If used, it will contain bar code serial numbers for the shipping containers or a Kanban card number identifying the shipping container.

Note:
 Example EDI:
 GIR+3+7654321:ML

LIN LINE ITEM

Pos: 0610	Max: 1
Mandatory	
Group: 16	Elements: 3

User Option (Usage): Must use
Purpose: 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	Line item number	C	an	1/6	Used				
<p>Description: Serial number designating each separate item within a series of articles. Note: A sequential number beginning with 1, and incrementing by 1, for each part number within this shipment message.</p>										
LIN020	1229	Action request/notification, coded	C	an	1/3	Used				
<p>Description: Code specifying the action to be taken or already taken. Note: Element 1229 is only used for shipments from Cummins after market distribution system that involves a superseding part number. This element is used for no other situations.</p> <p>CodeList Summary (Total Codes: 44, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>37</td> <td>Cancelled</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	37	Cancelled
<u>Code</u>	<u>Name</u>									
37	Cancelled									
LIN030	C212	ITEM NUMBER IDENTIFICATION	C	Comp		Used				
<p>Description: Goods identification for a specified source.</p>										
LIN030-010	7140	Item number	C	an	1/35	Used				
<p>Description: A number allocated to a group or item. Note: Use the Cummins assigned part number.</p>										
LIN030-020	7143	Item number type, coded	C	an	1/3	Used				
<p>Description: Identification of the type of item number. CodeList Summary (Total Codes: 92, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>IN</td> <td>Buyer's item number</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	IN	Buyer's item number
<u>Code</u>	<u>Name</u>									
IN	Buyer's item number									

Note:

Example EDI:
 LIN+1++1234567:IN

<h1>PIA</h1>	<h1>ADDITIONAL PRODUCT ID</h1>	Pos: 0620 Max: 10 Conditional Group: 16 Elements: 2
--------------	--------------------------------	---

User Option (Usage): Used

Purpose: To specify additional or substitutional item identification codes.

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>
PIA010	4347	Product id. function qualifier	M	an	1/3	Used
Description: Indication of the function of the product code.						
CodeList Summary (Total Codes: 11, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		1	Additional identification			
		6	Successor product id			
PIA020	C212	ITEM NUMBER IDENTIFICATION	M	Comp		Used
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.						
Note: <i>Shop Order Number (SO Number) of the engine.</i>						
PIA020-020	7143	Item number type, coded	C	an	1/3	Used
Description: Identification of the type of item number.						
CodeList Summary (Total Codes: 92, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		AB	Assembly			
		IN	Buyer's item number			

Note:

This segment is only used with a DESADV that involves a shipment of engines (element 4347 = 1) or is used to identify a superseding part item (element 4347 = 6) that has been shipped by our aftermarket warehouse system. It is not used for production related component part shipments.

Note:

*Example EDI:
PIA+1+SO12345+AB*

IMD	ITEM DESCRIPTION	Pos: 0630	Max: 25
		Conditional	
		Group: 16	Elements: 1

User Option (Usage): Must use

Purpose: 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>
IMD030	C273	ITEM DESCRIPTION	C	Comp		Used
		Description: Description of an item.				
IMD030-040	7008	Item description	C	an	1/256	Used

Description: Plain language description of articles or products.
Note: Use the Cummins description from the DELFOR, or equivalent ship schedule document.

Note:

Example EDI:
 IMD+++::ENGINE

QTY QUANTITY

Pos: 0650	Max: 10
Conditional	
Group: 16	Elements: 1

User Option (Usage): Must use
Purpose: 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	QUANTITY DETAILS	M	Comp		Used

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

QTY010-010	6063	Quantity qualifier	M	an	1/3	Used
------------	------	---------------------------	---	----	-----	------

Description: Code giving specific meaning to a quantity.

CodeList Summary (Total Codes: 240, Included: 1)

<u>Code</u>	<u>Name</u>
12	Despatch quantity

QTY010-020	6060	Quantity	M	n	1/15	Used
------------	------	-----------------	---	---	------	------

Description: Numeric value of a quantity.

Note: Total quantity of this item being shipped.

QTY010-030	6411	Measure unit qualifier	C	an	1/3	Used
------------	------	-------------------------------	---	----	-----	------

Description: Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.

Note: This would be the same unit of measure provided on the DELFOR, or equivalence shipment schedule document (ie. EA = Each, etc.)

Note:

Example EDI:
 QTY+12:100:EA

ALI ADDITIONAL INFORMATION

Pos: 0660	Max: 10
Conditional	
Group: 16	Elements: 1

User Option (Usage): Must use

Purpose: To indicate that special conditions due to the origin, customs preference, fiscal, or commercial factors are applicable.

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>
ALI010	3239	Country of origin, coded	C	an	1/3	Used

Description: Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the customs tariff, of quantitative restrictions, or of any other measure related to trade.

Note: See ISO Code 3166 for complete listing of allowable country codes (example: GB = Great Britian, JP = Japan, US = USA, etc.). It is a two alpha character code.

Note:

Example EDI:
ALI+US

GIN	GOODS IDENTITY NUMBER	Pos: 0670	Max: 100
		Conditional	
		Group: 16	Elements: 2

User Option (Usage): Used

Purpose: To give specific identification numbers, either as single numbers or ranges.

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>
GIN010	7405	Identity number qualifier	M	an	1/3	Used

Description: Code specifying the type/source of identity number.

CodeList Summary (Total Codes: 62, Included: 1)

<u>Code</u>	<u>Name</u>
BN	Serial number

GIN020	C208	IDENTITY NUMBER RANGE	M	Comp		Used
--------	------	-----------------------	---	------	--	------

Description: Goods item identification numbers, start and end of consecutively numbered range.

GIN020-010	7402	Identity number	M	an	1/35	Used
------------	------	-----------------	---	----	------	------

Description: The number given to an object for its unique identification.

Note: Engine/Item serial number.

Note:

This segment is only used if the serial number of the item being shipped is required. (ie. an engine serial number, etc.)

Note:

*Example EDI:
GIN+BN+87654321*

<h1 style="margin: 0;">RFF REFERENCE</h1>	Pos: 0770 Max: 1 Mandatory Group: 17 Elements: 1
---	--

User Option (Usage): Must use
Purpose: 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		Used

Description: Identification of a reference.

RFF010-010	1153	Reference qualifier	M	an	1/3	Used
------------	------	----------------------------	---	----	-----	------

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

CodeList Summary (Total Codes: 618, Included: 6)

<u>Code</u>	<u>Name</u>
CR	Customer reference number
ON	Order number (purchase)
PK	Packing list number
RE	Release number
AFF	Marking/label reference
CRN	Conveyance reference number

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

Description: Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.

Note:

At least 1 RFF segment, identifying the purchase order number, is required for every line item in the shipment message (element 1153 = ON). Another RFF segment (element 1153 = CR) may be required to identify a pull signal number pertaining to a shipment communicated to the supplier via a DELJIT (Delivery Schedule) message.

Note:

In certain instances a line item release number (that would be communicated with the scheduled requirements from a plant) will also need to be communicated to plants utilizing this line item tracking function within their business system.

Note:

*Example EDI:
 RFF+ON:98765*

CNT CONTROL TOTAL

Pos: 1080	Max: 5
Conditional	
Group: N/A	Elements: 1

User Option (Usage): Used

Purpose: To provide control total.

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>
CNT010	C270	CONTROL	M	Comp		Used

Description: Control total for checking integrity of a message or part of a message.

CNT010-010	6069	Control qualifier	M	an	1/3	Used
------------	------	-------------------	---	----	-----	------

Description: Determines the source data elements in the message which forms the basis for 6066 Control value.

CodeList Summary (Total Codes: 46, Included: 1)

<u>Code</u>	<u>Name</u>
2	Number of line items in message

CNT010-020	6066	Control value	M	n	1/18	Used
------------	------	---------------	---	---	------	------

Description: Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).

Note:

Example EDI:
CNT+2:1

UNT MESSAGE TRAILER

Pos: 1090	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Used

Purpose: 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	Number of segments in a message	M	n	1/6	Used
		Description: Control count of number of segments in a message.				
UNT020	0062	Message reference number	M	an	1/14	Used
		Description: Unique message reference assigned by the sender.				

Note:

Example EDI:
UNT+27+1

UNZ INTERCHANGE TRAILER

Pos: 1110	Max: 1
Mandatory	
Group: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To end and check the completeness of an interchange.

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>
UNZ010	0036	Interchange control count	M	n	1/6	Must use
		Description: Count either of the number of messages or, if used, of the number of functional groups in an interchange.				
UNZ020	0020	Interchange control reference	M	an	1/14	Must use
		Description: Unique reference assigned by the sender to an interchange.				

Note:

Example EDI:
UNZ+1+1234