

ZF Global DESADV VDA 4987

Message Examples

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1. Designated use

This document contains examples for the specification of the ZF Global DESADV for typical delivery processes and packaging scenarios of the ZF Group.

The specific characteristics of the particular DESADV delivery messages must be coordinated with the respective ZF locations.

Further detailed information on the use of Global DESADV and packaging examples are described in the VDA recommendation "VDA 4987 - Despatch Advice with EDI". Download at www.vda.de

2. Validation Self-Service

To syntactically validate a ZF Global DESADV message, ZF Friedrichshafen offers a self-service on zf.com/EDI. After entering the test message, the service displays a report that supports the identification of errors.

The self-service can be accessed via the following link. Registration is not required.

[ZF DESADV Validation](#)

3. Examples

3.2. Delivery with two articles, simplified handling units, packaging aid

UNA:+.? '	Service string advice
UNB+UNOC:3+SENDER- ID+0013000046ZFCI1+230712:0716+1+++++1'	Header segment of the data exchange file
UNH+1+DESADV:D:07A:UN:GAVF13'	Message header segment
BGM+351+00123457+9'	Despatch note no.
DTM+137:20230712:102'	Date of message
DTM+11:20230712:102'	Despatch date
DTM+132:20230713:102'	Estimated arrival date
MEA+AAX+AAD+KGM:912.504'	Gross weight of shipment
MEA+AAX+AAL+KGM:804.404'	Net weight of shipment
RFF+CRN:00123457'	Shipment number
NAD+BY+1234::91++ZF Braking Systems Poland Sp. z o.o+ul. Leonarda da Vinci+Gliwice++44-121+PL'	Customer/buyer (ID) and address
NAD+SE+161616::92++Supplier+Street+City++ZIP+DE'	ZF Supplier number and address
NAD+SF+161616::92++Supplier+Street+City++ZIP+DE'	Ship from (despatcher)
NAD+ST+4275::92++ZF Braking Systems Poland Sp. z o.o+ul. Leonarda da Vinci 7+Gliwice++44-121+PL'	ZF Ship to code and address
LOC+11+GR'	Place of discharge = unloading point, ID and address
TOD+6++FCA'	Term of delivery (Free Carrier)
TDT+12++30'	Means of transport at departure (Road transport)
CPS+1++4'	First Simplified handling unit
PAC+1+:35:AAD+PC000001100::92'	1 package unit of type PC000001100
QTY+52:300:PCE'	Contained quantity per pack (300 pieces)
PCI+17+++1J::5'	Label type (single label)
GIR+1+0000273362:BX'	Batch #0000273362 (only if batch is required)
GIN+ML+01583207'	Package unit number #01583207 (single label)
PAC+1+:37:AAD+PT000011575::92'	Packaging aid type PT000011575
LIN+++32488422:IN'	Part number of customer
PIA+1+00000000004100765:SA'	Part number of supplier
IMD+++11::272:AUR0009083 DIAPHRAGM'	Description of parts
QTY+12:300:PCE'	Delivered quantity 300 pieces (1x300)
ALI+DE'	Country of origin: DE (Germany)
RFF+AAU:90112591:1'	Delivery note number #90112591 and line item #1
DTM+171:20230712:102'	Delivery note date
RFF+ON:5500000748:000001'	Scheduling agreement or order no. and line item
CPS+2++4'	Second simplified handling unit
PAC+1+:35:AAD+PC000001100::92'	One package unit of type PC000001100
QTY+52:200:PCE'	Contained quantity per pack (200 pieces)
PCI+17+++1J::5'	Label type (single label)
GIR+1+0000273978:BX'	Batch #0000273978 (only if batch is required)
GIN+ML+01583208'	Package unit numbers (single label)
PAC+1+:37:AAD+PT000011575::92'	Packaging aid type PT000011575
LIN+++32484663:IN'	Part number of customer
PIA+1+13491:SA'	Part number of supplier
IMD+++::OR 7,5 X 2,5'	Description of parts
QTY+12:200:PCE'	Delivered quantity 200 pieces (1x200)
ALI+IT'	Country of origin: IT (Italy)
RFF+AAU:90112591:2'	Delivery note number #90112591 and line item #2
DTM+171:20230712:102'	Delivery note date
RFF+ON:5500001069:00001'	Scheduling agreement or order no. and line item
UNT+46+1'	End of message

UNZ+1+000002529'

End of data transmission

PIA+1+000000000041000904:SA'	Part number of supplier
IMD+++11::272:AUR0009083 DIAPHRAGM'	Description of parts
QTY+12:700:PCE'	Delivered quantity 700 pce (2x350)
ALI+DE'	Country of origin: DE (Germany)
RFF+AAU:90112591:2'	Delivery note number #90112591 and line item #2 Attention: a new batch of the same material requires a new delivery note line
DTM+171:20230712:102'	Delivery note date
RFF+ON:5500000748:000001'	Scheduling agreement or order no. and line item
UNT+52+1'	End of message
UNZ+1+000002529'	End of data transmission

3.4. Delivery with one article, same batch, different quantities per pack

UNA:+. ? '	Service string advice
UNB+UNOC:3+SENDER- ID+0013000046ZFCI1+230712:0716+1+++++1'	Header segment of the data exchange file
UNH+1+DESADV:D:07A:UN:GAVF13'	Message header segment
BGM+351+00123457+9'	Despatch note no.
DTM+137:20230712:102'	Date of message
DTM+11:20230712:102'	Despatch date
DTM+132:20230713:102'	Estimated arrival date
MEA+AAX+AAD+KGM:912.504'	Gross weight of shipment
MEA+AAX+AAL+KGM:804.404'	Net weight of shipment
RFF+CRN:00123457'	Shipment number
NAD+BY+1234::91++ZF Braking Systems Poland Sp. z o.o.ul. Leonarda da Vinci+Gliwice++44-121+PL'	Customer/buyer (ID) and address
NAD+SE+161616::92++Supplier+Street+City++ZIP+DE'	ZF Supplier number and address
NAD+SF+161616::92++Supplier+Street+City++ZIP+DE'	Ship from (despatcher)
NAD+ST+4275::92++ZF Braking Systems Poland Sp. z o.o.ul. Leonarda da Vinci 7+Gliwice++44-121+PL'	ZF Ship to code and address
LOC+11+GR'	Place of discharge = unloading point, ID and address
TOD+6++FCA'	Term of delivery (Free Carrier)
TDT+12++30'	Means of transport at departure (Road transport)
CPS+1++3'	Outer packaging
PAC+1+:35+PP000001208::92+''	Number and type of outer packaging (pallet)
PCI+17+++6J::5'	Label type (master label)
GIN+ML+919589569'	Package unit number #919589569 (master label)
GIN+AW+119589563+119589564+119589565'	Contained package units on pallet
PAC+1+:37+PL000001208::92'	Packaging aid, number and type PL000001208
CPS+2++1'	First inner package group
PAC+2+:35+PC000004314::92'	2 package units of type #PC000004314
QTY+52:400:PCE'	Contained quantity per pack (400 pieces)
PCI+17+++1J::5'	Label type (single label)
GIR+1+1B00860112:BX'	Batch #1B00860112 of material
GIN+ML+119589563+119589564'	Package unit number (single labels)
PAC+2+:37+PL000000043::92'	Packaging aid type #PL000000043
LIN+10++32482779:IN'	Part number of customer
PIA+1+S0010881-00-999:SA'	Part number of supplier
IMD+++:::Flange'	Description of parts
QTY+11:800:PCE'	Partial quantity of this packaging group 800 pce (2x400)
QTY+12:1100:PCE'	Total quantity of delivery note line 1100 pce (2x400 + 1x300)
ALI+DE'	Country of origin: DE (Germany)
RFF+ON:5500000812:000001'	Scheduling agreement or order no. and line item
RFF+AAU:91347273:10'	Delivery note number #91347273 and line item #10
DTM+171:20230712:102'	Delivery note date
CPS+3++1'	Second inner package group
PAC+1+:35+PC000004314::92'	1 package unit of type #PC000004314
QTY+52:300:PCE'	Contained quantity per pack (300 pieces)
PCI+17+++1J::5'	Label type (single label)
GIR+1+1B00860112:BX'	Batch #1B00860112 of material
GIN+ML+119589565'	Package unit number (single labels)
PAC+1+:37+PL000000043::92'	Packaging aid type #PL000000043
LIN+10++32482779:IN'	Part number of customer
PIA+1+S0010881-00-999:SA'	Part number of supplier
IMD+++:::Flange'	Description of parts
QTY+11:300:PCE'	Partial quantity of this packaging group 300 pce (1x300)
QTY+12:1100:PCE'	Total quantity of delivery note line 1100 pce (2x400 + 1x300)
ALI+DE'	Country of origin: DE (Germany)
RFF+ON:5500000812:000001'	Scheduling agreement or order no. and line item

RFF+AAU:91347273:10'	Delivery note number #91347273 and line item #10 Attention: the same delivery note line is required in both packaging groups
DTM+171:20230712:102'	Delivery note date
UNT+54+1'	End of message
UNZ+1+00000008325381'	End of data transmission

UNZ+1+00000008325381'

End of data transmission

3.6. Delivery note with serial numbers

UNA:+.?'	Service string advice
UNB+UNOC:3+SENDER-ID+0013000046ZFCI1+230712:0716+1+++++1'	Header segment of the data exchange file
UNH+1+DESADV:D:07A:UN:GAVF13'	Message header segment
BGM+351+00123457+9'	Despatch note no.
DTM+137:20230712:102'	Date of message
DTM+11:20230712:102'	Despatch date
DTM+132:20230713:102'	Estimated arrival date
MEA+AAX+AAD+KGM:912.504'	Gross weight of shipment
MEA+AAX+AAL+KGM:804.404'	Net weight of shipment
RFF+CRN:923497'	Shipment number
NAD+BY+1234::91++ZF Braking Systems Poland Sp. z o.o+ul. Leonarda da Vinci+Gliwice++44-121+PL'	Customer/buyer (ID) and address
NAD+SE+161616::92++Supplier+Street+City++ZIP+DE'	ZF Supplier number and address
NAD+SF+161616::92++Supplier+Street+City++ZIP+DE'	Ship from (despatcher)
NAD+ST+4275::92++ZF Braking Systems Poland Sp. z o.o+ul. Leonarda da Vinci 7+Gliwice++44-121+PL'	ZF Ship to code and address
LOC+11+GR'	Place of discharge = unloading point, ID and address
TOD+6++FCA'	Term of delivery (Free Carrier)
TDT+12++30'	Means of transport at departure (Road transport)
CPS+1++3'	Outer packaging type
PAC+1+:35:AAD+PP000001208::92'	Number and type PP000001208 of outer packaging (pallet)
PCI+17+++6J::5'	Label type (master label)
GIN+ML+9999960'	Package unit number #9999960 (master label)
GIN+AW+9998219+9998218'	Contained package units on pallet
CPS+2++1'	Inner package group
PAC+2+:35:AAD+PC000004314::92'	5 package units of type PC000004314
QTY+52:150:PCE'	Contained quantity per pack (150 pieces)
PCI+17+++1J::5'	Label type (single label)
GIR+1+1B00860112:BX'	Batch #1B00860112 of material (only if batch is required)
GIN+ML+9998219+9998218'	Package unit numbers (single labels)
PAC+2+:37:AAC+PL000000043::92'	Packaging aid type PL000000043
LIN+++00006030401799:IN'	Part number of customer
PIA+1+00077735:SA'	Part number of supplier
IMD+++:::PART X'	Description of parts
QTY+12:300:PCE'	Delivered quantity 300 pieces (2x150)
ALI+DE'	Country of origin: DE (Germany)
GIN+BN+SERN01+SERN02'	Serial number #SERN01 and #SERN02
RFF+AAU:90112581:1'	Delivery note number and line item
DTM+171:20160502:102'	Delivery note date
RFF+ON:5500000001:00010'	Scheduling agreement or order no. and line item
UNT+37+1'	End of message
UNZ+1+1'	End of data transmission

