

Mercedes-Benz

Electronic Data Interchange Manual (EDI)


12. Transport data for shipments


ALD00001305

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 Table of contents

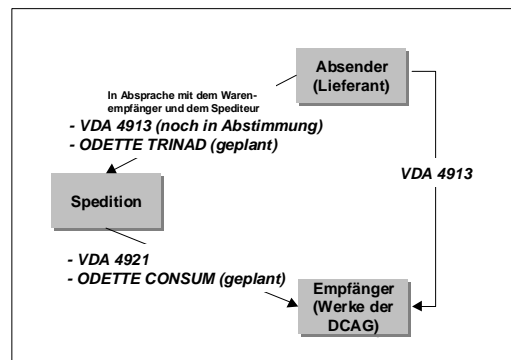
1. Transport data for shipments according to VDA 4921	3
1.1. Communication model for inclusion of shipment consignments	3
1.2. Brief description of VDA 4921	3
1.3. Recording and checking the data via the IBL platform	4
1.4. Relevant fields in the good accompanying slips.....	5
1.5. Copy of the VDA 4913 data	6
1.6. Time-related aspects	7

Transport data for shipments according to VDA 4921

Communication model for inclusion of shipment consignments

Transport is an important link in the external material flow process. To ensure comprehensive process information, it is essential to include transport contractors in the electronic data interchange process.

The format can be downloaded from VDA 4921 recommendation under <http://www.VDA.de>.

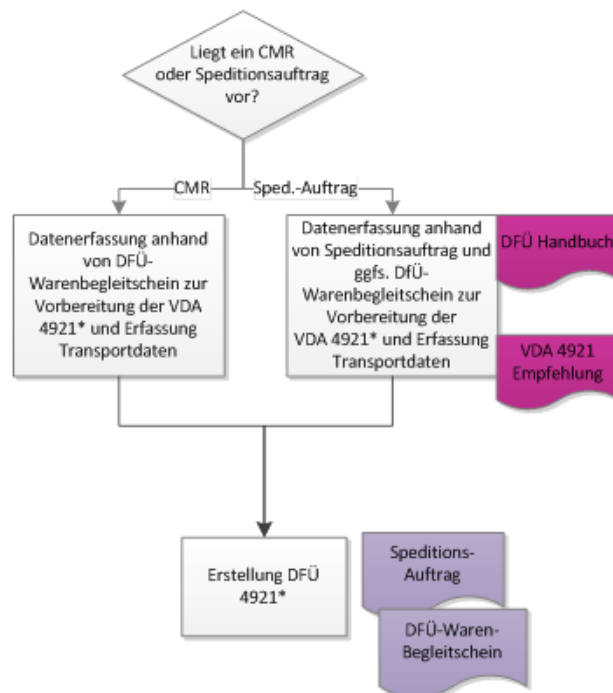


Brief description of VDA 4921

The VDA 4921 communication is generated by our area contract freight forwarders.

The format can be downloaded from VDA 4921 recommendation under <http://www.VDA.de>. Special requirements of Mercedes-Benz AG can be gathered from the following descriptions.

The copy of the VDA 4913 data and the EDI goods receipt according to VDA 4912 or the shipping order VDA 4922 should be used as the basis for creating VDA 4921:



Recording and checking the data via the IBL platform

IBL (IBL = In-Bound Logistics) is a platform that encompasses several delivery logistics applications. The DQM (Data Quality Management), TM (Transport Management) and REKLA (Complaint Management) applications are available here.

The TM system provides greater transparency regarding transports to freight forwarders. Also, time windows can be reserved and transport data can be created, corrected or deleted. Thus, it is a web-based alternative to VDA.

Detailed information on using TM can be found in the Mercedes-Benz Supplier Portal

<http://supplier.mercedes-benz.com>

in the navigation "**Collaboration**" - "**Production and Logistics**" in the subject block "**Data Communication with Mercedes-Benz AG**".

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Relevant fields in the good accompanying slips

VDA4921 refers to VDA4913 via the [consignment no.](#) and the [delivery note list.](#)

The following fields from the EDI goods accompanying slip/forwarding instruction are important for the creation of the VDA4921:

The image shows a document header with the following highlighted fields:

- 2**: LIEFERANT-NR. 44444444
- 3**: SENDUNGS-NR. 20150420
- 1**: EMPFÄNGER-WERK KUNDE 050
- 4**: SEND.-GEWICHT ER: 227
- 5**: LS-NR. 20150420

The table below is extracted from the document:

LS-NR	SACHNUMMER KUNDE	MENGE	ME	V/G	BEZEICHNUNG DER LIEFERUNG	BEZUGSNUMMER LIEFERANT	BEZUGSNUMMER LIEFERANT	BEZUGSNUMMER LIEFERANT	BEZUGSNUMMER LIEFERANT	BEZUGSNUMMER LIEFERANT
20150420	N000000004180	27000,000	ST		FIL. Z15284-M6X12	-8.8CR6-FREI				
				X	0	MS				
				X	2700	SG				
				X	0	MA				



Note:

If the shipment receipt according to VDA 4939 is used, the information can also be found there.

No.	VDA 4921	waybill	EDI Shipping document	comment	Source VDA 4913
1	record type 751, Pos. 03	Receiving plant	Receiving plant customer	Mercedes-Benz Receiving plant	record type 711, Pos. 03*
2	record type 754, Pos. 03	Supplier number	Supplier number	supplier number (8/9 digits)	record type 711, Pos. 04
3	record type 754, Pos. 04	Consignment no.(SLB)	Consignment no.(SLB)	Reference number that the supplier assigns to the shipment	record type 712, Pos. 03
4	record type 754, Pos. 08	Gross consignment weight kg	Gross consignment weight kg	Weight of goods including packaging	record type 712, Pos. 08
5	record type 755, Pos. 04	Delivery note number	Delivery note number	8-digit delivery note number	record type 713, Pos. 03

* Here e.g. [COMB067](#) for the receiving plant [067](#) Bremen is transmitted

Copy of the VDA 4913 data

Mercedes-Benz AG gives area freight forwarders the choice of receiving a copy of the VDA 4913 of the suppliers in the corresponding area.

Advantages:

- No manual recording of supplier data
 - No typos
 - No reference faults (supplier number incl. index, consignment and delivery number)
- Corrected or updated data
- Package numbers from VDA 4913 can be used for scanning
 - **Prerequisites:**
 - Supplier sends EDI

Notes:

- The format can be downloaded from VDA 4913 recommendation under www.VDA.de.
- Mercedes-Benz -specific adjustments can be found in the chapter on delivery note recording.
- Because not all suppliers send a 4913, it is always necessary to check the data and manual tasks will never be entirely eliminated. However, the EDI quota is very good, and consequently the process will be considerably faster for the freight forwarder.
- Because suppliers can correct and delete the data, these changes must also be processed.
- For the creation of the VDA 4921 from the VDA4913 data, the table below must be observed

The IBL Support is available to answer any questions

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* Here e.g. **COMB067** for the receiving plant **067** Bremen is transmitted

Time-related aspects

VDA 4921 is used as an outgoing booking at the freight forwarder HUB (main transshipment base) or as a supply to the plant, or in the case of a Crossdock transaction, as a supply to the Crossdock operator.

The data must be sent as soon as the truck leaves the freight forwarder HUB.

Notes on the record types and data elements are described in the respective guideline on the transport data