

Mercedes-Benz

Electronic Data Interchange Manual (EDI)


4. Delivery note and transport data VDA 4913 Guideline


ALD00001296

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Compliance with the VDA 4913 structure

Field lengths, field formats and structures must be complied with

Structure of the message VDA 4913

Current VDA recommendation:

1. Edition of Version 04 (status: March 96).

Data records → Important!

Sequence is shown chronologically and must correspond to the VDA 4913 recommendation depending on the process

Record type	Description	Notes
711	Intent	Identifies the partners. Defines the purpose of transmission
712	Transport kit	Describes the transport
713	Delivery note header record	Contains the delivery note number, unloading point, etc.
714	Delivery note item record	Describes the article and the delivery quantity
715	Packaging record	Describes the packaging. Connects EDI and goods tag VDA 4902
716	Text record for delivery note item	Transmission of change status
717	Individual pack support set	Optional for EDL processing DO NOT send to Mercedes-Benz AG
718	Production number set	Only for just-in-time/just-in-sequence processing n
719	Trailer	Contains the statistics of the transfer

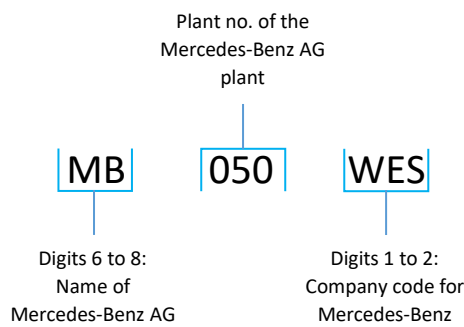
Notes on record types and data elements

Various points are described below to minimize problems during message implementation.

Header

Is part of the transmission protocol-not the message. The message is routed to the "correct" goods receipt system by entering the file name in the SFID. If you have any questions, please contact T-Systems EDI Customer Support (see. Contact person Chap. 1)

An example of the header structure in the VDA 4913 message:



Field description

Record type 711

Record type 711					
Identifies the partners. Defines the transmission alarm					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 02	N	2	M	Version number	03

Description: The entry 03 must be made here

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 03	AN	9	M	Data receipt plant	10005007 for Sindelfingen

Description: Identification number of the Mercedes-Benz AG plant to which the data are sent.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 04	AN	9	M	Data sender number	12345678 A

Description: Numeric entry of [the supplier number](#); Left justified (without slash). 9. Position must be SPACE if there is only one supplier location. In the case of several supplier locations, the 9th digit must be filled with the assigned index.

If an index is required for a new supplier location, it must be requested by the supplier from the responsible material scheduler of Mercedes-Benz AG.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 06	N	5	M	New transfer number	12345

Description: ID number for an EDI.

Numeric entry right justified with **leading zeros**. The value must be at least one higher than **the transfer number OLD**. Jumps in the number assignment are permitted for transmissions to Mercedes-Benz AG.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 07	N	6	M	Transfer date	190609

Description: Date of data transfer.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 09	AN	9	K	Freight forwarder data recipient	12345678

Description: ID number of the forwarding agent to which the forwarding data can be sent.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 10	AN	1	K	Warehouse keeper key	[Blank]

Description: Key for EDI creator, see VDA 4913 recommendation.

[Blank]= space

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 11	AN	1	K	Delivery ID	[Blank]

Description: Key for type of delivery, see VDA 4913 recommendation.

[Blank]= space

Record type 712

Record type 712					
Describes the transport					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 02	N	2	M	Version number	03

Description: The entry 03 must be made here

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 03	N	8	M	Consignment load reference number	12345678

Description: Reference number assigned to the consignment by the sender.

A consignment number must **not be repeated** within one year. Observe the notes in Appendix 2 of the VDA description. In general, the SLB number can be assigned **per unloading point** or **per delivery address** .

The SLB number must always be listed on the forwarding order/waybill according to VDA 4922 in field 8. It is an access key for the goods recipient.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 04	AN	3	K	Plant supplier	AAA

Description: Plant of the supplier from which the delivery is made (encrypted form of supplier). Shall be coordinated with Mercedes-Benz AG.

No more entries are required here ([see record type 711, item 03](#)). If a system-based conversion is necessary, the supplier number can be sent in the case of several supplier locations with an interim 8 - digit format with an entry in the Supplier plant field. A new contract award no longer takes place

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 05	AN	14	M	Freight forwarder	Müller

Description: Name of the company carrying out the transport.

- For own deliveries, please enter your company name
- Please enter MB AG Pickup when collected by Mercedes-Benz AG

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 06	N	6	M	Freight forwarder handover date	190609

Description: Date of loading or collection of the goods from the supplier.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 07	N	4	M	Freight forwarder handover time	1200

Description: Time at which the goods are expected to be handed over to the carrier.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 08	N	7	M	Gross weight	0000100

Description: The gross consignment weight refers to the goods including packaging and/or loading aids. The field content **must** match the weight of the waybill. Input without decimal place.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 09	N	7	K	Net weight	0000050

Description: Weight of goods including packaging without loading aids. Input without decimal place.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 10	N	2	M	INCOTERM key	01

Description: Information on freight costs. For the codes used, see VDA 4913 recommendation

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	9	K	Transport partner number	12345678

Description: Identification number assigned by Mercedes-Benz AG for the respective transport company.

In cases where Mercedes-Benz AG is the freight payer, the freight **forwarder number must** be entered here. The format corresponds to the structure of the supplier number ((characters 1-8: Numeric, character 9: Alphanumeric).

The currently valid transport partners can be found within the IBL application in the function "GS contact person I030".

Parcel services

Number	Name	ZIP code	Place
10439362	Deutsche Post		
10442283	German parcel service	13627	Berlin
10735868	German Logistic Systems	36285	New stone
12006508	TNT express	53842	Troisdorf
12010740	Trans-O-flex	69451	Wine shelter
12105979	United Parcel service	41456	Neuss

For suppliers with "ex works" purchasing conditions, UPS (with corresponding number, see above) must be used as the package service provider (for more information: Vgl.: Mercedes-Benz Special Terms No. 29 - "Shipment of Goods for Mercedes-Benz AG"). In addition to the executed partners, there are other partner numbers, in particular for the so **-called direct award** forwarders. If necessary, please ask the recipient plant for the number to be entered.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 14	N	2	M	Means of transport code	02

Description: This code refers to the following means of transport number and thus indicates the type of the number entered below. For the codes used, see VDA 4913 recommendation.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 15	AN	14	M	Means of transport number	12345678

Description: The means of transport number depends on the selected means of transport code.

- If vehicle identification has been selected in the means of transport key field, please enter the license plate number. If it is not known at the time of recording, enter "Truck".
- If you have selected another means of transport key, the following applies to the respective key:

General cargo number	→	The assigned general cargo number
Expressgut-Nummer	→	Die vom KEP-Dienst vergebene Expressgut-Nummer
Express delivery number service	→	The number of the wagon
Postal package	→	The postal parcel number
Parcel service	→	The parcel number assigned by the parcel service
Bordereau/loading list number forwarder (8- digit)	→	The bordereau number assigned by the freight

If the respective number is not known at the time of recording, please enter a "9".



Important: When using the means of transport key manifest number, a valid 8 - digit manifest number must always be used.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 16	AN	1	K	Means of transport information code (key to item 17)	2

Description: If a manifest/loading list number is entered in the means of transport field, an entry must be made here. The bordereau number must be coordinated with the corresponding freight forwarder.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 17	AN	8	K	Means of transport information (content as per key in item 16)	HH-DD123

Description: The means of transport information depends on the selected means of transport information code:

- If vehicle identification has been selected in the "Means of transport information key" field, the license plate number must be specified.
- If ZIP code was selected in the Means of transport information key field, the postal code (street address) of the shipping plant must be entered.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 18	N	6	M	Target arrival date	190609

Description:

Date on which the goods are to be delivered to Mercedes-Benz AG.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 19	N	4	M	Target arrival time	0700

Description:

Time at which the goods are expected to arrive at the corresponding Mercedes-Benz AG plant. If an arrival time window is specified, the start of the timeslot must be entered in this field (example: 0700 must be entered for 07.00-08.00 o'clock).

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 20	N	3	K	Loading meter	093

Description: Specification of occupied meters of cargo area (one decimal place).

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 21	N	1	K	Truck type	1

Description: Information about the truck type.

Record type 713

Record type 713					
Contains the delivery note number, unloading point, etc.					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 02	N	2	M	Version number	03

Description: The entry 03 must be made here

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 03	N	8	M	Delivery note number	12345678

Description: ID number assigned by the supplier to a delivery note.

You can freely select this number. However, this number may not be repeated within a calendar year. Please group all delivery notes for an unloading point under a consignment number.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 05	AN	5	M	Unloading point	123

Description: Unloading location specified in the order or delivery release order. Positions 1-3 are generally: Numeric, character 4: Alphanumeric. However, there are exceptions in certain plants. Letters must be transferred as capital letters.

For detailed requisitions, the unloading point can have 5 digits.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 06	N	2	M	Mode of shipment	02

Description: Information on the type of transport. For the codes used, see VDA 4913 recommendation

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 08	N	12	M	Contract order number	9

Description: Order or contract number specified in the order. If no information is available, enter the value "9" here.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 09	N	2	K	Process key	40

Description: For EDL application **only**, the field must be assigned the key "40" according to selection (see point 0).

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 11	N	3	M	Customer plant	050

Description: Customer plant to which delivery is to be made. Encrypted form, must be coordinated with Mercedes-Benz AG.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 12	N	8	K	Consignment	12345678

Description: Number of the delivery note with which the goods were sent from Mercedes-Benz AG to the supplier.

For a normal delivery, no entry is required here! Field only has to be filled for returns of consignment material.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	9	K	Goods recipient number	12345678

Description: ID number assigned by the customer to a goods recipient.

For a normal delivery, no entry is required here!

This field is only relevant for deliveries to third parties and external service provider processing.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 16	AN	9	K	Supplier number	12345678

Description: ID number that the customer assigns to a supplier (only for EDL processing).

For a normal delivery, no entry is required here!

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 17	AN	14	K	Consumption point	12345

Description: Refers to the point in the customer's plant where the goods are consumed.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 18	N	4	K	Call-off number	1234

Description: Number of the release order for individual orders.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 19	AN	6	K	Orderer	740

Description: Orderer index.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 20	AN	14	K	Document no. Customer	471112345

Description: The pick-up sheet number is transferred in this field.



Important: This reference must correspond to the pick-up sheet number that was transferred to the supplier in the pick-up sheet EDI (VDA4985).

Record type 714

Record type 714					
Describes the article and the delivery quantity					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 02	N	2	M	Version number	03

Description: The entry 03 must be made here

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 03	AN	22	M	Item number customer	A2206601234

Please also note the detailed description in the item number manual!

The manual can be found in the global supplier portal <http://supplier.mercedes-benz.com> via the navigation "Cooperation" in the "Production and Logistics" section in the topic block "Data communication with Mercedes-Benz AG".

Important: The part weight must be entered for each item number. The information is provided in record type 716, item 05.

Description: Mercedes-Benz AG object number specified in the order.

Max. 22 alphanumeric characters. Valid Mercedes-Benz AG item numbers usually consist of one letter (" A ", " B ", " H ", " Y " or " T " (for new load containers)) and 8-11 numbers.

Please do not use spaces or special characters!

Exceptions: Item numbers with supplementary code ES1 and supplementary code ES2

Example 1: Mercedes-Benz AG object number without supplementary code

Position																						
Item number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Customer																						
Entry																						
Item number	A	1	2	4	4	0	1	1	2	6	1					S	P	A	C	E		
Mercedes-Benz AG																						

Example 2: Mercedes-Benz AG item number for "colored" parts with code letter A and supplementary code (ES1), ES2

Position																						
Item number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Customer																						
Entry																						
Item number	A	1	2	4	4	0	1	1	2	6	1						9	0	6	1		

Item number																				
Mercedes-Benz AG																				

Example 3: Mercedes-Benz AG item number with code letter A and supplementary code ES1

Position																						
Item number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Customer																						
Entry																						
Item number	A	1	2	4	4	0	1	1	2	6	1			8	0	0	0					
Mercedes-Benz AG																						

Example 4: Empties deliveries

Customer object number: QLEERGUT

Quantity: 1

Quantity: unit piece

Packaging number customer: The respective packaging number customer (e.g. 9040)

Number of packages: Quantity returned

Example 5: Standard entry for missing Mercedes-Benz AG object number

In isolated cases there may be no Mercedes-Benz AG object number (e.g. for unproductive material). However, since the VDA recommendation is a **mandatory** field, a fictitious part number is entered:

Illustration:

Digit 1: **Q** (code letter)

Digits 2-5: **TEXT** (keyword)

Record type 716 (text record) must also be transferred. The article description shall be shown in this.

Position																						
Item number	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Customer																						
Entry																						
Item number	Q	T	E	X	T																	
Mercedes-Benz AG																						

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 04	AN	22	M	Supplier item number	A2206601234

Description:

Item number or article designation of the supplier. If there is no separate item number, the customer item number can be specified.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 05	N	3	M	Country of origin	004

Description: See list of countries for external trade statistics.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 06	N	13	M	Delivery quantity-customer	0000010000000

Description: Specification of the delivery quantity (up to three decimal places) of the customer.

Right-justified entry with leading zeros.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 07	AN	2	M	Customer quantity unit	ST

Description: Specification of the customer's quantity unit.

The quantity units are specified in encrypted form, see VDA 4913 recommendation.

Mercedes-Benz AG also has its own specifications for other units of quantity; See following table:

Encryption	Designation
16	Sheet
17	Packages
18	Pack
19	Roles
21	Coils
23	Cardboard box
26	Doses
32	Packaging unit
36	Canister
37	Container

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 08	N	13	K	Delivery quantity-supplier	0000010000000

Description: Specification of the delivery quantity (up to three decimal places) if this differs from the customer's quantity unit. Right-justified entry with leading zeros.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 09	AN	2	K	Supplier quantity unit	KG

Description: Specification of the supplier's quantity unit if it differs from the customer's quantity unit. For the codes used, see VDA 4913 recommendation

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 10	N	3	K	VAT rate	190

Description: Use by arrangement for credit note procedure (one decimal place).

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	1	K	Call-off key	[Blank]

Description: Information about the type of delivery.

For the codes used, see VDA 4913 recommendation.

[Blank]= space.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 14	AN	15	K	Batch number	CH12345678

Description: ID number assigned by the supplier to a batch.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 15	AN	1	M	Usage key	S

Description: Information on the type of use.

For the codes used, see VDA 4913 recommendation. Here you can enter, for example, if these are sample deliveries

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 16	AN	8	K	Hazardous substances key	

Description: Information from the Regulation on the Transport of Dangerous Substances. Digits 1-4: Class, digits 5-6: Digit, digits 7-8 letter.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 17	AN	1	M	Preference status	G

Description: Information on the preference status in encrypted form, see VDA 4913 recommendation.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 18	AN	1	M	Dutiable goods	[Blank]

Description: Information as to whether it is dutiable goods. For the codes used, see VDA 4913 recommendation.

[Blank]= space.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 21	AN	2	M	Modified version key	[Blank]

Description:

Specification of the design key of changed parts as part of the delivery to the development department.

The following must be observed when entering:

The fields Drawing geometry status, Q/E status, Pre-production test batch and KEM can only be filled if the following was selected in the Changed execution key field:

G T: First regular delivery of changed part

[Blank] T: Each additional delivery of the changed part

Please only enter the changed execution key if Mercedes-Benz AG has informed you of this and/or the key was specified in the order. If you have any questions about this field, please contact your material scheduler.

[Blank]= space.

Record type 715

Record type 715					
Describes the packaging. Connects EDI and goods tag VDA 4902					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 02	N	2	M	Version number	03

Description: The entry 03 must be made here

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 03	AN	22	M	Packaging number customer	2032

Description: The number specified in the order for a packaging material or a load carrier must be used here. For disposable packaging, a key in accordance with VDA Recommendation 4913, Appendix 10 shall be used. The Mercedes-Benz AG codes have 4-7 digits.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 04	AN	22	M	Packaging number supplier	K123

Description: Number or designation of the supplier for a packaging material or a load carrier.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 05	N	13	M	Number of packages	20

Description: Specification of the number of the respective packaging material.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 07	N	13	K	Filling capacity	100

Description: Specification of the filling capacity per load carrier (with a maximum of 3 decimal places).

For certain processes, this field can become a mandatory field.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 08	N	9	K	Package number from	000000001

Description: Number must not be repeated within one year.

For certain processes, this field can become a mandatory field.

For several packages with the same item numbers:

- A) If the number sequence of the packages is ascending without gaps, the lowest value of the number range is entered in this field. The highest value is entered in the "Package number to" field (Pos. 09).
- B) If the number sequence of the packages is not ascending without gaps, a separate record type 715 must be transferred for each package. An entry in the "Package number to" field (Pos. 09) is omitted in these cases.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 09	N	9	K	Package number to	000000019

Description: Number must not be repeated within one year. If this element is used, the number sequence must be ascending without gaps.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 10	N	12	K	Packaging dimensions	100020000800

Description: Specification in millimeters.

Digit 97-100 length

Position 101-104 Width

Digits 105-108 height

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 11	N	1	K	Stacking factor	2

Description: Specification of the permissible stackability of the unit designated in the packaging type. Encrypted form:

1= Single stackable

2= Stackable twice, etc.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	1	K	Label identification	S

Description: Barcode identifier of the transport label.

For the codes used, see VDA 4913 recommendation

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 14	AN	1	K	Packaging ID	M

Description: Describes the type of packaging

For the codes used, see VDA 4913 recommendation.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 15	AN	1	K	Property identifier	K

Description: Information about the packaging owner.

For the codes used, see VDA 4913 recommendation.

Record type 716

Record type 716					
Text record or transfer of change status					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 02	N	2	M	Version number	02

Description: The entry 02 must be made here

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 03	AN	40	K	Item text 1 Delivery designation	Screws for table

Description: Text area that can be used to transmit additional information.

The item text becomes a **mandatory** field if a corresponding entry has been made in the "Changed-Execution-Key" field (record type 714, item 21). The following must then be observed:

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 3.1	AN	1	M	ZGS	Z

Description: Specification of identifier "Z" for ZGS

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 3.2	N	3	M	Drawing geometry status	001

Description: Design change status or drawing geometry status.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 3.4	AN	1	M	Q or E status	E

Description: The Q or E status must be specified here:

Q= Quality status

E= Development status

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 3.5	AN	8	M	Q/E status.	12345

Description: Information on den Q-/E-status

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 3.6	AN	10	M	Build lot	B1205

Description: Specific number of vehicles of a start-up project with the same part change status. The build lot can be found in the order, if available.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 3.9	AN	16	M	KEM	KEM123054

Description: The design implementation notice, if available, can be found in the order.

Additional regulation: For the transmission of change status information, specific formatting is required in the corresponding fields to optimize the processing of maturity-critical scopes and to improve the quality of the logistics process.



Note: For this purpose, text field 1 of record type 716 with the data in [table 1.6.1.6](#). Data elements described [in additional provisions](#).

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 3.10	AN	3	K	Minimum durability	MHD
Pos: 3.11	N	8	K	Date (YYMMDD)	20190709

Description: For certain materials, the minimum durability date (MHD) or production date (HSD) must be entered. Depending on the request, either SLED or HSD can be transferred. MHD or HSD is entered at the positions 35-37, the date from positions 38-45.

When data communication is created in DQM, the field "Item text 1: Delivery designation" with 29 points before entry is to be used.

Positionstext 1: Bezeichnung der LieferungMHD20190709

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 05	AN	13	M	Text 3	GEW0012310000

Description: The weight of the item number must be transferred for each item number position. The query criterion "GEW" must be specified at digits 86-88. The weight is entered at positions 89-98 (10 digits, of which four digits after the decimal point).

Example of entry in EDI according to VDA 4913 item number weight:

1231 kg = GEW0012310000

1.5 kg = GEW0000015000

1.5 grams = GEW0000000015

0.05 grams = GEW0000000001 (round up to 0.1 grams)

Record type 717

Record type 717					
Individual package set					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry

Description: Do not send to Mercedes-Benz AG!

Record type 718

Record type 718					
Production number set					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry

Description: Only for Just-in-Time/Just-in-Sequence processing (see 1.11)

Record type 719

Record type 719					
Trailer					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry

Description: Contains the statistics of the transfer.

Table 1.6.1.6. Additional regulations

Pos.	Data element	Data content	Start-up/series K/M	MTC K/M	BYTE	From/to	Description
1	Record type	716	M	M	3	1-3	Constant "716"
2	Vers. No.	02	M	M	2	4-5	Entry= 02
3	Text 1						
3.1	ZGS ID	Z	M	M	1	6	Specification of identifier "Z" for ZGS

3.2	ZGS	ZGS	M	M	3	7-9	Specification of the delivered ZGS, e.g. 003
3.3	E/Q status indicator	E or Q	M	K	1	10	When an E/Q status is transmitted, this indicator must be filled in accordingly Specification of the identifier for E or Q status Entry: E-for E-status Q-for Q-status
3.4	E/Q status	E or Q status	M	K	3	11-13	Entry of the corresponding E or Q status. E.g. 003
3.5	Build lot identification	B	K	K	1	14	ID for build lot. If the information of the pre-production test batch is transferred, enter "B" in this field accordingly
3.6	Build lot	Build lot	K	K	3	15-17	Entry of the corresponding pre-production test batch
3.7	Order item identification	P	*	M	1	18	Entry of identifier P
3.8	B pos.	Order item	*	M	3	19-21	Specification of the order item for

							the corresponding delivery
3.9	KEM	Engineering change notice	M	K	13	22-34	Specification of the engineering change notice which is specified in the order under KEM (MTC) or which is visible from the drawing (plants)
3.10	Version number	Version number	*	K	11	35-45	Specification of the version number specified in the order under vers. no. (Left justified)
4	Text 2		*				
4.1	Veh. no. Major assembly no.	Vehicle or major assembly number	*	K	8	46-53	Specification of the vehicle or major assembly number listed in the order under vehicle no. / Major assembly no.
4.2	FINAS ID no.	Finas ident no. or supplier ident no.	*	K	26	54-79	Specification of the Finas ID no. specified in the order or supplier ID no.
4.3	CFI-E	Identifier for Finas ID field.	*	K	1	80	Specification of the identifier for Fina ident. no. F-for Finas ID no. L-for supplier ID no.

4.4			*			81-85	Empty
5	Text 3		*				
5.1	Drawing date	Drawing date	*	K	6	86-91	Specification of the drawing date of the ZGS status; Format YYMMDD
5.2	Project	Project	*	K	10	92-101	Specification of the project from the order
5.3	Note ID	A	*	K	1	102	Entry A for general note
5.4	Note	Note	*	K	23	103-125	A- General note

All fields marked with* are only relevant for MTC deliveries

Central loading unit for deliveries via a courier service

A central loading unit is required for deliveries via a courier service (see VDA 4913 example 3a). To ensure this when individual SLCs are shipped (if not sent with a regular pallet), a dummy pallet must appear in the EDI data in addition to the SLC (see VDA 4913 record type 715, item 03, positions 6-27) packaging code. The packaging code "0000BUN" must be used for this pallet. This dummy pallet must additionally be provided with a master label "M" (see VDA 4913 record type 715, item 13, position 125). This master label must also be printed out and attached in the small load carrier in a scannable manner. The goods sent can only be stored using this master label.

An example is given below for a better understanding. This example refers exclusively to record type 715, item 02, item 03 and item 13.

SA	Version no.	Packaging code	Label
715	03	0000BUN	M
715	03	4315	S

Please make sure that the SLCs are specified and in the correct order. The master label or the "pallet" must always be listed in the first position. Please use the DQM (see Chapter Fehler! Verweisquelle konnte nicht gefunden werden.) data to be checked before the goods receipt and corrected there if necessary.

Special trips

In the event of a special trip, you will receive a special trip number from Parts Scheduling. This must be specified as follows.

Notes on record types and data elements

The sequence of record types as per the VDA description must be strictly adhered to! In addition, the changes described in the following shall be complied with.

Record type 712					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	9	M	Transport partner number	12345678

Description: The freight forwarder number (max. 9 digits) of the commissioned special trip forwarding agent. This is awarded by Mercedes-Benz AG. The number can be requested from parts scheduling.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 14	N	2	M	Means of transport code	02

Description: Constant value: 02

This defines that the value is interpreted as a manifest number in the following position 15 (means of transport number).

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 15	AN	8	M	Means of transport number	S1234567

Description: In the case of a special trip, the special trip code (starting with S) must be entered here. You will always receive the special trip number from the responsible parts scheduling department.

Contact person for problems with the communications computer:

T-Systems EDI Customer Support (see. Contact person Chap. 1)

Tips and information

Delimitation of shipment scopes   connection to waybill

The following must be listed on the waybill/forwarding order:

- Box 2:** Supplier number (from record type 711)
- Box 8:** Consignment number (SLBN from record type 712)
- Box 10:** Forwarding agent number (from record type 712)
- Box 18:** Delivery note number(s) (from record type 713)

Additionally for "direct contract award" transports:

- Box 13:** BORDERO number

These data elements are:

- a) Access keys in the truck control centers of the [Mercedes-Benz AG](#) plants for finding EDI data.
- b) Key terms for freight invoicing.



Important notes: It must be ensured that the EDI data (consignment delimitation as per record type 712 exactly matches the loading scope.

- Under no circumstances may **several consignment numbers** be listed on **a** consignment note.
- According to VDA description 4922, waybills can be issued per unloading point or shipping address (the same applies to the assignment of the SLB no.). The agreement must be reached bilaterally.

The following applies to Mercedes-Benz AG:

- For collective goods, via our regional forwarders: **Waybill per unloading**
- For other transports: **Waybill for each shipping address**, i.e. separate waybills must be created for the Sindelfingen plant address, its external warehouses Böblingen-Hulb, etc.

Transport management

The description in VDA 4913 generally applies. The deviations for transport management are described below.

Sending data

The data must be sent by the data sender no later than 2 hours before loading. This is the only way the driver can download the data of the packages to be collected (electronic target charging list) to his mobile phone

Notes on record types and data elements

The sequence of record types as per the VDA description must be strictly adhered to! In addition, the changes described in the following shall be complied with.

Record type 712					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	9	M	Transport partner number	12345678

Description: The freight forwarder number (max. 9 digits) of the commissioned freight forwarder. This is awarded by Mercedes-Benz AG.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 14	N	2	M	Means of transport code	02

Description: Constant value: 02

This defines that the value is interpreted as a manifest number in the following position 15 (means of transport number).

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 15	AN	8	M	Means of transport number	30141234

Description:

Digits 1-4: Bordereau prefix, specified by Mercedes-Benz AG to the freight forwarder.

Digits 5-8: Assigned by freight forwarder for each truck/transport (usually serial no.)

Please coordinate this number with the freight forwarder in advance (for which truck/transport is which number assigned?).

This field is alphanumeric. Therefore, please fill in this field left justified. Since the bordereau number still has 8 digits, only digits 78-85 must be filled in; The remaining digits 86-102 remain empty.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 16	AN	1	M	Means of transport information code (key to item 17)	2

Description: Constant value: 2

This establishes that the value is interpreted under heading 16 (means of transport information) as the license plate of the transport vehicle (tractor unit).

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 17	AN	8	M	Means of transport information (content as per key in item 16)	HH-DD123

Description: License plate number of transport vehicle (tractor unit).

Please ask the freight forwarder for the ID.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 18	N	6	M	Target arrival date	190609

Description: Date specified by Mercedes-Benz AG on which the shipment is to arrive.

Shape: **JJMMTT**

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 19	N	4	M	Target arrival time	1001

Description: Time window agreed between the freight forwarder and Mercedes-Benz AG for arrival of the truck in the plant. Shape: **HHMM**

Please coordinate with the freight forwarder (for what time does the truck/transport have a time slot?) And transfer it with every EDI. The notified target arrival time must correspond to the time slot number and thus the start of the time slot. Example: Time slot 10.01-11.01 h = time slot number 1001

Record type 715					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 05	N	13	M	Number of packages	0000000000020

Description: Enter the number of packages per type in this field. The entry must be right justified with leading zeros and without decimal places.

If the number of packaging material > 1, the package numbers are ascending without gaps (0). The corresponding packaging record contains several packages of an item number. The representation is compacted and must be resolved by Mercedes-Benz AG to create a target loading list.

If the number of packages = 1, the packaging record refers to an individual package (0).

Multiple packages

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 08	N	9	M	Package number from	000000001

Description: Number of the **first** package, which must not be repeated within one year.

9- digit, numeric; Right-justified entry with leading zeros.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 09	N	9	M	Package number to	000000019

Description: Number of the **last** package must not be repeated within one year.

9- digit, numeric; Right-justified entry with leading zeros.

One package

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 08	N	9	M	Package number from	000000001

Description: Number of the **first** package, which must not be repeated within one year.

The field shall be filled in left justified.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 09	N	9	K	Package number to	000000001

Description: The content of the field must either correspond to the package number of or remain empty.

The field shall be filled in left justified.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	1	M	Label identification	S

Description: Barcode identifier of the transport label.

For the codes used, see VDA 4913 recommendation

G= Mixed package (with sub-packages and different item numbers)

M= master label (with sub-packages and the same item numbers)

S= single label (1 package)

Creation by JIT and JIS suppliers (VDA 4913/JIT)

In general, the description of VDA 4913/basis of the preceding pages applies. The deviations when created by JIT suppliers are described below.

Brief description of JIT and JIS suppliers

One material call-off takes place per production number (VDA 4916).

The delivery is picked in the production number sequence. In VDA 4913, the production numbers are specified in record type 718. The following special considerations must be taken into account in the EDI:

Notes on record types and data elements

The sequence of record types as per the VDA description must be strictly adhered to!

Record type 711					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 11	AN	1	M	Delivery ID	J

Description: Key for type of delivery, see VDA 4913 recommendation.

J= JIT delivery

Record type 714					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	1	M	Call-off key	P

Description: Information about the type of delivery. P= Production-synchronous release order (according to VDA 4916 recommendation)

Record type 718					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Item 04 and subsequent	AN	10	M	Production number 1	

Description: The production numbers contained in the delivery must be listed here. Several record types 718 without group change are possible.

Triangular traffic

In the triangular traffic process, the data sender must also specify the following fields in VDA 4913.

The process is only to be used if this has been coordinated with the corresponding contact persons of Mercedes-Benz AG and the goods recipient.

Data sender via VDA 4913

Important: File name: File name MB050DRV must be used instead of MB050WES!

Record type 711					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 11	AN	1	M	Delivery ID	H

Description: The entry "H" is mandatory here so that the data can be identified as triangular traffic.

Record type 713					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	9	M	Goods recipient number	12345678 A

Description: ID number assigned by the customer to a goods recipient. The orderer/scheduler must inform you of the goods recipient number.

Data sender via Edifact



Important: File name: File name MB050DRVE must be used instead of MB050DESA!

Edifact segment BGM.1225					
VDA element	Field format	Field length	Optional/mandatory	Designation	Example of entry
71111	AN	1	M	Delivery ID	H

Description: The entry "H" is mandatory here so that the data can be identified as triangular traffic.

Edifact segment NAD.3039 (NAD.3035= DP)					
VDA element	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 13	AN	9	M	Goods recipient number	12345678 A

Description: ID number assigned by the customer to a goods recipient. The orderer/scheduler must inform you of the goods recipient number.

Follow-up of the consignment

The consignment can be tracked in DQM under the navigation item "Find consignment data (D301)".

Information on DQM can be found in **Fehler! Verweisquelle konnte nicht gefunden werden.**

- Processing takes place in the archive deliveries to third parties
- For further processing, see manual (online help): Deliveries to third party data sender

Confirmation of data by goods recipient

The data must be confirmed in DQM under the navigation item "Search consignment data-Search delivery to third party D306)". There is a detailed manual on this. You can find this in DQM (see Chapter **Fehler! Verweisquelle konnte nicht gefunden werden.**) in the online help.

Creation by external service provider (external service provider) (VDA 4913/EDL)

In general, the description of VDA 4913/basis of the preceding pages applies. The deviations when created by the EDL are described below.

Brief description

As part of joint warehousing of suppliers and [Mercedes-Benz AG](#), warehouses were set up near the plant at some plant locations that are operated by [external service providers \(EDL\)](#).

Further points to be taken into account are agreed bilaterally at the conclusion of the contract.

The stock belongs to the supplier. For a material call-off, the EDL creates the delivery [note data on](#) behalf of the supplier in VDA 4913 format. In addition, inventory data is also transferred with VDA 4913 and a special process type.

Notes on record types and data elements

Record type 711					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 10	AN	1	M	Warehouse keeper key	1

Description

Key for EDI creator, see VDA 4913 recommendation.

“1” = EDI created by EDL.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 11	AN	1	M	Delivery ID	[Blank]

Description

Key for type of delivery, see VDA 4913 recommendation.

- [Blank]= The stock is transferred to delivery quantity 2 (record type 714).
 - 1= No stock is transferred to delivery quantity 2 (record type 714).

Record type 712					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 06	N	6	M	Freight forwarder handover date	190609

Description: Date of loading or collection of the goods from the supplier.

This field must also be filled for process type 35. In this case, the field content refers to the creation time of the EDI.

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 07	N	4	M	Freight forwarder handover time	1200

Description: Time at which the goods are expected to be handed over to the carrier.

This field must also be filled for process type 35. In this case, the field content refers to the creation time of the EDI.

Record type 713

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 10	AN	1	K	Warehouse keeper key	40

Description: 40 must be entered for delivery note data. 35 must be entered for inventory data.

Other entries are not permitted for transfer to Mercedes-Benz AG!

Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 16	AN	9	K	Supplier number	12345678

Description: On the 9th. Digit, the place of delivery index can be specified. Note that within a consignment as per record type 712, the delivery location of the 1st. Record of record type 713.

If several delivery locations of a supplier are to be displayed in an EDI, a group change with a new record type 712 must be initiated.

Record type 714					
Field	Field format	Field length	Optional/mandatory	Designation	Example of entry
Pos: 08	N	13	K	Delivery quantity-supplier	0000010000000

Description: For transaction type 40, the current stock is also entered here, depending on the field content in record type 711, character 59.