

Transmission of delivery note and transport data in format VDA 4913

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1 Introduction

This document describes the LEONI requirements for delivery note and transport data in format VDA 4913. In Principle the VDA recommendations should be used. Listed below are the fields used by LEONI and described in detail. The complete VDA specification can be downloaded from the homepage of the VDA Association of the Automobile Industry in the menu item VDA recommendation under the link

http://www.vda.de/de/service/sonstige_veroeffentlichungen/index.html.

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2 Record formats

According to VDA standard, the following record formats are used.

Record	Description	Must / Conditional
711	header delivery note and transport data (1 x per transmission)	must
712	unique data of the transport (1 x per delivery)	must
713	unique data of the delivery note (header data)	must
714	delivery note – item data	must
715	packaging information	must
716	text data for the position	conditional – will not be used by LEONI
718	production batch data	conditional
719	Trailer of the delivery note	must

	and transport data (1 x per transmission)	
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3 Description of respective record formats

Below are descriptions for the fields (must / conditional) that are especially important for the handling at LEONI. „must / conditional“ shows if a transmission of the field to LEONI is mandatory or not. Mandatory fields according to VDA standard have to generally be filled in and transmitted to LEONI.

3.1 record 711 (header delivery note and transport data)

	Data Element	Description	Must / Conditional
01	Record	711	must
02	Version	03	must
03	Data receiver ID	Our Customer ID at the supplier	must
04	Data sender ID	Supplier ID at LEONI (transmission with leading zeros)	must
05	Transmission old	Consecutive number of the last transmission	must
06	Transmission new	Consecutive number of the new transmission	must
07	Transmission date	Current date	must
08	Sub-supplier number	ID number, that the customer gave the sub-supplier	conditional
09	Carrier ID	Carrier data – receiver number	conditional
10	Stockist code	Key to stockist	conditional
11	Delivery code	Blank = standard J = JIT-delivery E = express-delivery	conditional
12	Blank		must

3.2 record 712 (data regarding the transport)

	Data Element	Description	Must / Conditional
01	Record	712	must
02	Version	03	must
03	SLB-number	Shipment Load Reference Number (transport-number) of the sender	must
04	Plant code supplier	Plant of the supplier, which delivers. Encoded form of the supplier. The codes have to be told to LEONI beforehand.	conditional
05	Carrier	Name and/or number of the carrier, who is doing the transport, similar to TDED 3126.	must
06	Carrier transfer date	Date of the transfer of the delivery to the carrier. Form: YYMMDD	must
07	Carrier transfer time	Time of the transfer of the delivery to the carrier. Form: HHMM	must
08	Gross weight of shipment	Weight of the goods including packaging and/or loading equipment, but without container of the carrier (see B/L), similar to TDED 6292; unit of quantity = kg, right aligned entry with leading zeros, no decimal	must

		place. The field content has to match to the mentioned weight in the B/L.	
09	Net weight of shipment	Weight of the goods including packaging, but without loading equipment and container of the carrier (see B/L),	conditional
10	Pre-payment of charges key		conditional
11	Carrier transmission code		conditional
12	Number of packages	Sum of all packages that are included in this delivery. example: 1 loading unit = 1 package Right aligned entry with leading zeros, no decimal place.	must
13	Transport-Partner-ID	ID number (max. 9 pos) of the used carrier / parcel service	conditional
14	Means of transport code	see VDA appendix 10, Pos. 02	must
15	Means of transport number	Container- or truck number	must
16	Code for item 17	1 = field 17 => zip code 2 = field 17 => license plate (towing vehicle). The entry is only valid, when field 14 shows the value 02 (for BORDERO number).	conditional
17	Content according with item 16	See description of field 16.	conditional
18	Target arrival date	Date, when the delivery arrives at LEONI – please note the transit times to the unloading points	must
19	Target arrival time	Time when the delivery arrives at LEONI	conditional
20	Loading metre	Detail of the used loading metre of the loading space, 1 decimal place	conditional
21	truck type code	Encoded form	conditional
22	Blank	Filled with BLANKS	must

Modification 3.2.1

The **SLB-Number** is used to identify your delivery within our transport processes by our logistic service provider. You have to make sure that the information from the ASN transmission matches with the information on the shipping documents / labels.

If there was no data element for **plant supplier** sent, LEONI will use the address linked to the Data Sender ID (record 711) as dispatch address.

If the field **Target arrival date / time at the customer** can not be filled, because this information is not available for some reason, then the goods outgoing date and the type of dispatch have to be shown instead and LEONI has to be informed.

3.3 record 713 (Data of the delivery note)

	Data Element	Description	Must / Conditional
01	Record type	713	must
02	Version	03	must
03	Delivery note number	Number of the accompanying delivery note – LEONI expects one delivery note number per part number (more than one part number per delivery note number is not allowed)	must
04	Dispatch date	Date of dispatch of the delivery to LEONI	must
05	Unloading point	Unloading point in accordance with call off record 512, Pos. 11.Means of plant customer location in which the goods should be unloaded.	must
06	Dispatch method	Encoded format according to VDA recommendation	must
07	Customer reference	From call off (LAB)	conditional
08	Contract / order number	Order number from call off (LAB)	must
09	Transaction code	Only by usage of external service providers	conditional
10	Blank 1		must
11	Plant customer	Plant of the customer, to which the delivery should be send. Encoded format of the customer.	must
12	Consignment		conditional
13	Goods receiver ID		conditional
14	Blank 2		must
15	Warehouse location Customer		conditional
16	Supplier ID	Only by usage of external service providers	must
17	Point of consumption		conditional
18	Release number		conditional
19	Customer code		conditional
20	Document number customer		conditional
21	Blank 3		must

Modification 3.3.1

Record 713 /position 8 **contract / order number** refers to our order transaction and has to be treated as a key element. It is essential that this number is sent in the same format as it was received through the LEONI call off.

3.4 Record 714 (deliver note – item data)

	Data Element	Description	Must / Conditional
01	Record type	714	must
02	Version	03	must
03	Part number customer	LEONI part number	must
04	Part number supplier	Supplier part number	must
05	Country of origin	Country of origin	must
06	Delivery quantity 1		must
07	Unit of measurement 1	encoded format according to VDA recommendation	must
08	Delivery quantity 2		conditional
09	Unit of measurement 2		conditional
10	VAT rate	Usage after agreeing of invoicing	conditional
11	Blank 1		must
12	Position number delivery note		must
13	Release key	See appendix 10, Pos. 06 VDA4913	conditional
14	Batch number	ID number of the batch at the supplier	conditional
15	Code usage	Code usage	must
16	Hazardous substances code		conditional
17	Preference status	See appendix 10, Pos. 08.VDA4913	must
18	Dutiable goods	Blank = no dutiable goods 1 = dutiable goods	must
19	Blank 2		must
20	Inventory status	Only by usage of external service providers	must
21	Modified version code		must
22	Original delivery note number	Only by usage of external service providers	conditional

3.5 Record 715 (packaging data)

	Data Element	Description	Must / Conditional
01	Record type	715	must
02	Version	03	must
03	Packaging code customer	Code according to LEONI or VDA recommendation, see appendix 1	must
04	Packaging code supplier	ID-number, given to a packaging by the supplier	must
05	Number of packaging		must
06	Position number delivery note	Position number of record type 714, that the packaging refers to	must
07	Filling quantity		must
08	Package number from		must
09	Package number to		must
10	Packaging dimensions		conditional
11	Stacking factor		conditional
12	Warehouse release number	Only by usage of external service providers	conditional
13	Label identification	Barcode-ID on the label (VDA 4902) Valid entry: G = mixed packaging (with sub-packages and different part numbers) M = Master-Label (with sub-packaging and same part numbers) S = Single-Label (1 package)	must
14	Packaging code	Valid entry: blank or M = returnable packaging E = non returnable packaging	must
15	Ownership identification	Indication only by usage of returnable packaging. Valid entry: blank = undefined K = returnable packaging, property of the customer L = returnable packaging property of the supplier, must be returned D = returnable packaging rented from a third party, must be returned	conditional
16	Blank		must

Modification 3.5.1

The **Packaging number** (from/to) in the packaging record type 715 has to correspond with the packaging number on the VDA label according to VDA4902.

For a smooth process in the supply chain it is necessary that for each packaging type a record 715 is transmitted.

delivery note and transport data in format VDA 4913

All packaging types must be clearly identified with a package number on the VDA goods receipt slip according VDA4902.

This applies in particular for nested packaging (e.g. carton/KLT on a pallet or single cartons in a covering box).

Additional packaging (e.g. covers/lid) has to be also transmitted in record 715 (packaging data) without packaging numbers (from/to) and label identification. The additional packaging does not need own labels.

Detailed examples for transmitting nested packaging is issued in the specification VDA4913 (reference source see above).

For the packaging returnable process is the packaging type code (see LEONI encoding appendix 1) required to use in record 715. Variations of the packaging type has to be coordinated with LEONI.

The transmission of the **label identification** has to be done according to VDA.

For example: label identification **M** is for pallets. Label identification **S** is for loose cartons or palletised cartons.

Please make sure that for **every** packaging type with label identification **M** a separate record 715 is created with a corresponding packaging type with S label identification. In this connection the correct information of the packaging number (according to VDA standard) has to be adhered to.

3.6 Record type 716 (Text data for the position)

This record type will not be used.

3.7 Record type 717 (single packaging record for the position, usage of an external service provider)

This record type will not be used.

3.8 Record type 718 (production batch data)

This record type will not be used.

3.9 Record type 719 (trailer)

This record type is used according to VDA standard.

4 Appendix

4.1 Appendix 1:

Packaging type codes for non returnable packaging and returnable packaging:

Please send a packaging data sheet for each part number previous to the first transmission.

LEONI codes for exact specified packaging for usage returnable packaging types

- not used at the moment

Codes for general packaging:

Pallets

0000PAL 120 x 80 cm

0001PAL 100 x 100 cm

0002PAL 60 x 80 cm

carton, box, package, other packaging

0000SON other one-way packaging