

Transmission of delivery note and transport data via VDA 4913

Important notice:

ANDREAS STIHL AG & Co. KG continues to support the transmission of the ASNs in format VDA 4913, but there will be no new EDI connections in this format anymore.

All new connections are being established in the international EDIFACT 99B / DESADV format.

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1 Introduction

This document describes the transmission of delivery note and transport data via VDA message type 4913. The format and content is used according to VDA recommendations and therefore only the fields used by STIHL are described.

The detailed VDA specifications can be downloaded from the internet site of VDA Verband der Automobilindustrie with the link http://www.vda.de/de/service/sonstige_veroeffentlichungen/index.html menu item „VDA-Empfehlungen“ (VDA recommendations).

Contacts

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EDI Guidelines and support contacts are also available on the website of the STIHL Clearingcenter www.stihl-clearingcenter.com.

2 Record types and record type sequences

According to the VDA recommendations the following record types and –sequences are used:

Satzart	Beschreibung	Mandatory/Conditional
711	Header record delivery note and transport data (1 x per EDI transmission)	Mandatory
712	One-off data elements for shipment (1 x per transmission)	Mandatory
713	One-off data elements for delivery note (header data)	Mandatory
714	Item data for delivery note	Mandatory
715	Packaging material data	Mandatory, if reusable packaging is used.
716	Texts for packaging material data	Conditional – not used at STIHL
718	Production number data	Conditional – not used at STIHL
719	Trailer label record delivery note and transport data (1 x per EDI transmission)	Mandatory

3 Record type description

The description is limited to only the fields used by STIHL. The last column marks mandatory fields („M“) or conditional fields (“K”). Fields that are not described can be filled.

3.1 Record type 711 (Header record delivery and transport data)

Pos	Field	Description / Comments	M/K
01	Record type	711	M
02	Version	02	M
03	Customer number	Customer number of STIHL at the supplier	M
04	Supplier number	Supplier number at STIHL → transmission with leading zeros	M
05	Transmission old	Consecutive number of previous transmission	M
06	Transmission new	Consecutive number of new transmission	M
07	Transmission date	Current date	M

3.2 Record type 712 (Transport data)

Pos	Field	Description / Comments	3.2.1
01	Record type	712	M
02	Version	02	M
03	SLB-Number	„Sendungs-Bezugs-Nummer“ (= Shipment number) of shipper	K
15	Means of transport number	Container number or licence plate of truck	K
18	Delivery date	Expected delivery date at STIHL	M
19	Delivery time	Expected delivery time	K

If the field **expected date of delivery** can not be provided, the field must be populated with the shipping date. Also STIHL has to be notified, the date is then calculated by STIHL according to standard rules.

3.3 Record type 713 (Delivery header data)

Pos	Field	Description / Comments	M/K
01	Record type	713	M
02	Version	02	M
03	Delivery note no.	Delivery note number	M
04	Shipping date	Shipment date of goods to STIHL	M
06	Shipping type	Identifier according VDA recommendation	M
08	Scheduling agreement	Scheduling Agreement / Order number (see delivery schedule) Format Stihl Germany: xxxxxxxx/yyy, Format Stihl USA: xxxxxx/yyyyy)	M

The field **Scheduling Agreement / Order number** references to our order and is considered as a key fields. It's important to provide the same format as received in the delivery schedule.

- Stihl Germany uses the format xxxxxxxx/yyy = order number (e.g. 55000430) and item number (e.g. 030) → transmit 55000430/030.
- Stihl USA uses the format xxxxxx/yyyyy = order number (e.g. 090429) and item number (e.g. 00315) → transmit 090429/00315.

3.4 Record type 714 (Delivery item data)

3.4.1.	Field	Description / Comments	3.4.1
01	Record type	714	M
02	Version	02	M
03	Material number Customer	STIHL material number	M
06	Quantity 1		M
07	Unit of measure 1	Identifier according VDA recommendation	M
12	Delivery note line number		M
14	Batch	ID of batch number	K

3.5 Record type 715 (Package data)

Pos	Feld	Beschreibung / Änderung	3.5.1
01	Record type	715	M
02	Version number	03	M
03	Customer packaging type coded	Code see STIHL or VDA recommendations appendix 1	M
04	Supplier packaging type coded	Identification Number, which the supplier allocates to a packaging type	K
05	Number of packaging		M
06	Delivery note item number	Content of the field should be in the item number of record 714, applying to the packaging type. Entry is right-aligned with preceding zeros.	M
07	Maximum quantity		M
08	Package number from		M
09	Package number to		K
13	Label indicator	Barcode indicator of the label (VDA 4902) in data element PACKAGE NO. Valid entries: G = Mixed Packages (with sub-packages and different reference numbers) M = Master-Label (with sub-packages and the same reference numbers) S = Single-Label (1 package)	M
14	Packaging code	Valid entry: blank or M = Returnable packaging E = one way packaging, not returnable	M
15	Property code	Indication only for returnable packaging Valid entries: blank = undefined K = Returnable packaging property of customer L = Returnable packaging, property of supplier, must be returned D = Returnable packaging belonging to 3rd party, must be returned	K

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

To ensure a proper process in goods receipt and container exchange, make sure that there is a transmission record for each physical package. All packages have to have unique numbers printed on labels according to the VDA 4902 specification. This is also true for nested packages (e.g. KLT or cartons on a pallet).

For packaging accessories (e.g. cover) also a record must be transmitted (without package number and label indicator). The accessory does not have a separate label.

Detailed examples of the record content and structure of nested packages are contained in the VDA recommendation 4913 (source see link above).

For container which are exchanged with STIHL, the STIHL specific coding must be used (see appendix). Deviations must be coordinated with STIHL.

3.6 Record type 716 (Text data for line item)

This record type is currently not being used.

3.7 Record type 717 (Package data for line item)

This record type is currently not being used.

3.8 Record type 718 (Production number data)

This record type is currently not being used.

3.9 Record type 719 (Post record of transmission)

See VDA recommendations.

4 Appendix

4.1 Packaging Codes for disposable and reusable packaging

STIHL-codes for special reusable packaging

Use these codes when exchanging reusable containers with STIHL.

M09	C-KLT 3214, 300 x 200 x 147 mm
MR9	R-KLT 3215, 300 x 200 x 147 mm
M08	C-KLT 4321, 400 x 300 x 213 mm
M06	C-KLT 6421, 600 x 400 x 213 mm
M05	C-KLT 6428, 600 x 400 x 280 mm
MR5	R-KLT 6429, 600 x 400 x 280 mm
D0A	KLT-cover A 1208, cover 1200 x 800 mm
EF1	Euro flatpallet, 1200 x 800 x 150mm
SF1	STIHL flatpallet (IPPC, marked blue), 1200 x 800 x 147 mm
GB1	Gridbox pallet, 1240 x 835 x 970 mm
SG1	STIHL Gridbox pallet (IPPC, marked blue), 1240 x 835 x 970 mm
HP1	Gridbox pallet green (half size gridbox pallet), 1240 x 835 x 485 mm
WA1	Transportcontainer galvanized / „Wanne“, 860 x 550 x 870 mm
PM1	Special pallet „Maschinepallet“
D0H	Wooden cover for carton pallets

Keys for common packaging comp. VDA recommendation

Pallets

0000PAL	120 x 80 cm, flat pallet stacked up to 15 cm
0001PAL	120 x 80 cm, flat pallet stacked up to 50 cm
0002PAL	120 x 80 cm, flat pallet stacked up to 100 cm
0003PAL	120 x 80 cm, flat pallet stacked up to 150 cm
0004PAL	120 x 80 cm, flat pallet stacked up to 200 cm
0005PAL	120 x 100 cm, flat pallet stacked up to 15 cm
0006PAL	120 x 100 cm, bis 50 cm Höhe bebaut
0007PAL	120 x 100 cm, flat pallet stacked up to 150 cm
0008PAL	120 x 100 cm, flat pallet stacked up to 200 cm

Boxes, crates, packets

0001SCH	Dimensions up to 30 x 20 x 14 cm
0002SCH	Dimensions up to 30 x 20 x 28 cm
0003SCH	Dimensions up to 40 x 30 x 14 cm
0004SCH	Dimensions up to 40 x 30 x 28 cm
0005SCH	Dimensions up to 50 x 30 x 20 cm
0006SCH	Dimensions up to 50 x 50 x 50 cm
0007SCH	Dimensions up to 58 x 48 x 36 cm
0008SCH	Dimensions up to 60 x 40 x 14 cm
0009SCH	Dimensions up to 60 x 40 x 28 cm
0010SCH	Dimensions up to 80 x 60 x 40 cm
0011SCH	Dimensions up to 98 x 58 x 36 cm
0012SCH	Dimensions up to 100 x 60 x 73 cm
0013SCH	Dimensions up to 120 x 78 x 110 cm
0014SCH	Dimensions up to 120 x 80 x 40 cm
0015SCH	Dimensions up to 120 x 80 x 90 cm
0016SCH	Dimensions up to 120 x 100 x 90 cm

Other packaging

0000SON	Other disposable packaging, no further details
0001SON	Other disposable packaging > 1cbm, no further details
0002SON	Other disposable packaging < 1cbm, no further details
0000BEH	Other liquid container, packing drum, can, sealed tin container (hobbock), tank, cargo container, no further details
0000FAS	Barrel, no further details
0000SAC	Bag, sack, no further details
0000BLE	Sheet metal packaging, sheet metal coils, no further details
0000BUN	Bunches, no further details
0000UMR	Hoop, tightening strap, no further details
0000LOS	Loose loaded material