



Magna IT EDI services

**EDI Guideline**  
**VDA 4913**  
**Delivery Note**

Version 1.0  
05.11.2009

## Version history

version	date	comment	author	approval
1.0	05.11.2009	Initial release	Stefan Tropper	Robert Seemann

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# 1 Purpose & Principles

This EDI-Guideline is valid for all plants which are served by Magna IT EDI services.

The EDI delivery note must meet the required specifications described in this document. Inadequate data within the process would destroy the advantage of electronic transmission and result in manual interventions or queries.

The aims of the EDI Delivery Note are:

- Simplification and acceleration of the goods receipt procedure
- Enhancement of data quality by avoidance of data entry errors.
- Provide advanced notification to material control as early as possible within the inbound process

Owing to the time-critical aspect of the goods receipt process, data must be available before the arrival of the material at the Magna plant.

# 2 Message structure

Magna IT follows the VDA recommendation 4913 for delivery notes.

Codes, packaging and other logic have to be used in accordance to VDA publications

VDA recommendations can be downloaded at <http://www.vda.de> or requested at

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## 2.1 Segment table

Record Type	Content	State	Occurence
711	Interchange header	M	once per transmission
712	data of transport	M	Repeatable
713	delivery note data	M	Repeatable.
714	material data	M	Repeatable.
715	packaging data	M	Repeatable.
716	free text data	C	Repeatable.
717	individual packaging data	C	Repeatable.
718	production numbers	C	Repeatable.
719	interchange trailer	M	once per transmission

C ... Conditional, M ... Mandatory

## 2.2 Description of data records

### Record Type 711

Usage: Mandatory Record / once per transmission

No	Element	A/N	Byte	M/C	Digit	Description
01	Record Type	N	3	M	1-3	'711'
02	Version Number	N	2	M	4-5	'03'
03	Data Receiver Number	A	9	M	6-14	Will be assigned by Magna.
04	Data Sender Number	A	9	M	15-23	Will be assigned by Magna
05	Transfer Number Old	N	5	M	24-28	RIGHT-justified with leading zeros
06	Transfer Number New	N	5	M	29-33	RIGHT-justified with leading zeros
07	Transfer Date	N	6	M	34-39	YYMMDD
08	Subcontrator Number	A	9	C	40-48	
09	Carrier Number	A	9	C	49-57	
10	Store Keeper Code	A	1	C	58	
11	Delivery Mark	A	1	C	59	
12	Blank	A	69	M	60-128	

C ... Conditional, M ... Mandatory, A ... Alphanumeric, N ... Numeric

#### Example:

0 10 20 30 40 50 60 70 80 90 100 110 120 130  
 711030708LBB·310358··0369103692090916··········

### Record Type 712

Usage: Mandatory Record / once per transport

No	Element	A/N	Byte	M/C	Digit	Description
01	Record Type	N	3	M	1-3	'712'
02	Version Number	N	2	M	4-5	'03'
03	Transport number	A	8	M	6-13	
04	Plant code supplier	A	3	C	14-16	
05	Carrier	A	14	M	17-30	Name or Number of the carrier
06	Carrier handover date	N	6	M	31-36	YYMMDD
07	Carrier handover time	N	4	M	37-40	HHMM
08	Gross weight of shipment	N	7	M	41-47	Unit of quantity (KG), Right justified , leading zeros
09	Net weight of shipment	N	7	C	48-54	Unit of quantity (KG), Right justified , leading zeros
10	Freight code	N	2	C	55-56	
11	contractor EDI code	A	1	C	57	
12	Number Packing units	N	4	M	58-61	Total of all packing units contained in the shipment., Right-justified, leading zeros
13	Transport Partner Number	A	14	C	62-75	number or name of the forwarder
14	Means of Transport code	N	2	M	76-77	Code in accordance with VDA recommendations



## Record Type 714

### Usage: Mandatory Record / once per delivery note (record type 713)

More than one 714 segments are only allowed if the purchase order number (713 Pos. 8) is valid for all listed part numbers.

No	Element	A/N	Byte	M/C	Digit	Description
01	Record Type	N	3	M	1-3	'712'
02	Version Number	N	2	M	4-5	'03'
03	Part number customer	A	22	M	6-27	In accordance with call off record 512, Pos. 08
04	Part number supplier	A	22	C	28-49	
05	Country of Origin	N	3	M	50-52	In accordance with VDA 4913 recommendations
06	Delivery Quantity 1	N	13	M	53-65	
07	Unit of Quantity 1	A	2	M	66-67	In accordance with VDA 4913 recommendations
08	Delivery Quantity 2	N	13	C	68-80	
09	Unit of Quantity 2	A	2	C	81-82	In accordance with VDA 4913 recommendations
10	VAT Rate	N	3	C	83-85	
11	Blank 1	A	1	M	86	
12	Position number delivery note	N	3	M	87-89	'001' or '010'
13	Call off Code	A	1	C	90	In accordance with VDA 4913 recommendations
14	Batch Numer	A	15	C	91-105	
15	User Code	A	1	M	106	In accordance with call off record 512, Pos. 17
16	Hazardous goods code	A	8	C	107-114	
17	Preference status	A	1	M	115	In accordance with VDA 4913 recommendations
18	Dutiable Goods	A	1	C	116	
19	Blank 2	A	1	M	117	
20	Inventory status	A	1	M	118	In accordance with VDA 4913 recommendations
21	Design change code	A	2	M	119-120	In accordance with VDA 4913 recommendations
22	Orginal delivery note number	A	8	C	121-128	

C ... Conditional, M ... Mandatory, A ... Alphanumeric, N ... Numeric

### Example:

```

0          10         20         30         40         50         60         70         80         90         100        110        120        130
7140300130717.....0212.0851.V.....00400000001400003T0000000000000.....010.05093140.....S.....T.....
    
```

## Record Type 715

### Usage: Mandatory record / once per packaging type or composed package unit / n times per record 714

No	Element	A/N	Byte	M/C	Digit	Description
01	Record Type	N	3	M	1-3	'712'
02	Version Number	N	2	M	4-5	'03'
03	Packaging material customer	A	22	M	6-27	
04	Packaging material supplier	A	22	C	28-49	

05	Number of Packaging Materials	N	13	M	50-62	
06	Position number delivery note	N	3	M	63-65	'001' or '010'
07	Filling amount	N	13	M	66-78	
08	Packing Unit Number from	N	9	M	79-87	
09	Packing Unit Number to	N	9	M	88-96	
10	Packaging dimensions	N	12	C	97-108	Length(4) width(4) height(4) in mm
11	Stacking factor	N	1	C	109	
12	Store call – off number	A	15	C	110-124	
13	Label Identification	A	1	M	125	'M' 'S' 'G' blank only if additional packaging
14	Packaging Identification	A	1	C	126	
15	Ownership Identification	A	1	C	127	
16	Blank	A	1	M	128	

C ... Conditional, M ... Mandatory, A ... Alphanumeric, N ... Numeric

### Example:

0	10	20	30	40	50	60	70	80	90	100	110	120	130
71503070714.....BMW.3403457.....000000000000501000000000280000340990010340990050000000000000.....SMK.¶													

## Record Type 716

Usage: Optional record / once per record 714

No	Element	A/N	Byte	M/C	Digit	Description
01	Record Type	N	3	M	1-3	'712'
02	Version Number	N	2	M	4-5	'03'
03	Text 1	A	40	M	6-45	used for design modifications If "T" used in record 714, Pos. 21
04	Text 2	A	40	C	46-85	
05	Text 3	A	40	M	86-125	
06	Blank	A	3	M	126-128	'001' or '010'

C ... Conditional, M ... Mandatory, A ... Alphanumeric, N ... Numeric

### Example:

0	10	20	30	40	50	60	70	80	90	100	110	120	130
7140300131175.....0212.0859.E.....0040000000460000ST00000000000000.....010.05093141.....S.....W.....T.....¶													
71603P1A.....¶													

## Record Type 717

Usage: not used by all plants

## Record Type 718

Usage: not used by all plants



