

Valeo EDI Implementation Guidelines

Delivery instruction VDA 4905/1, version April 1996 from Valeo to supplier



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Delivery instruction VDA 4905/1

The Valeo Companies transfer the delivery instruction as well in the message type VDA 4905/1 as in EDIFACT DELFOR. The description of the Valeo specific use of the delivery instruction in the format VDA 4905/2 is available in the Internet for download, too.

General definitions

The VDA 4905/2 is transmitted for delivery instructions of the factories of the Valeo Company

. The file names are:

DBE.R11 <i>sid</i> .B3200B	(IVZ Wolfsburg VDA 4905/1, for the german VW-plants including VW-Brussels, VW-Saxonia, VW-Bratislava and VW-Palmela/autoeuropa),
DUC.R21 <i>sid</i> .B5024A	(delivery instructions Audi, VDA 4905/1)
DBE.R41 <i>sid</i> .B3300B	(delivery instructions SEAT, VDA 4905/1),
DBE.R66 <i>sid</i> .B3200B	(delivery instructions VW de Mexico, VDA 4905/1),
DBE.R66 <i>sid</i> .B3200S	(delivery instructions VW Mex./SECORISA, VDA 4905/1),
DUC.R26 <i>sid</i> .VDA4905	(delivery instructions Audi Hungaria Győr, 4905/1),

whereby *sid* the variable for the station ID of the supplier, which is indicated to the partners with implementation of the message by the partner for delivery instructions with VW/Audi.

The file names for the delivery instructions can be differentiated by modification of the last character in the file names (e.g. DUC.R21*sid*.B5024A / DUC.R21*sid*.B5024B) with Volkswagen and Audi, if they are sent for different supplier numbers to the same computer - defined by the station ID/ODETTE ID.

Modifications to delivery instructions are indicated under a new transfer number. There are no cancellations of a delivery instruction already transferred. By transfer of a call-off with the requirement identifier " no requirement " the requirement numbers of the preceeding call-off are set out of strength.

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Record types and record type sequence with delivery instructions message type VDA 4905/1
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Record	Version	M/C	Repetition	Data Contents
511	02	M	1	Header record delivery instruction (1 time per logical data-communication) must be first set of logical data-communication
512	01	M	1	Unique data to the article codes (1 time per key: article code, plant customer, part number, unloading point) follows after 511
513	01	M	1	Reconciliation and call-off data (1 time per article code, plant customer) follows after 512
514	01	C	R	Additional call-off data (x times per article code, plant customer) can follow after 513, 514
515	02	C	1	Complementary data delivery call (1 time per article code / plant customer) follows after 514
517	01	C	R	Packaging data (x times per article code, plant customer) can follow after 513, 514, 515, 517
518	01	C	R	Text data (x times per article code, plant customer) can follow after 513, 514, 515, 517, 518 (transfer only if necessary)
519	02	M	1	Trailer record delivery instruction (1 time per logical data-communication) can follow after 513, 514, 515, 517, 518

Notes to the column headings and indications of the data fields.

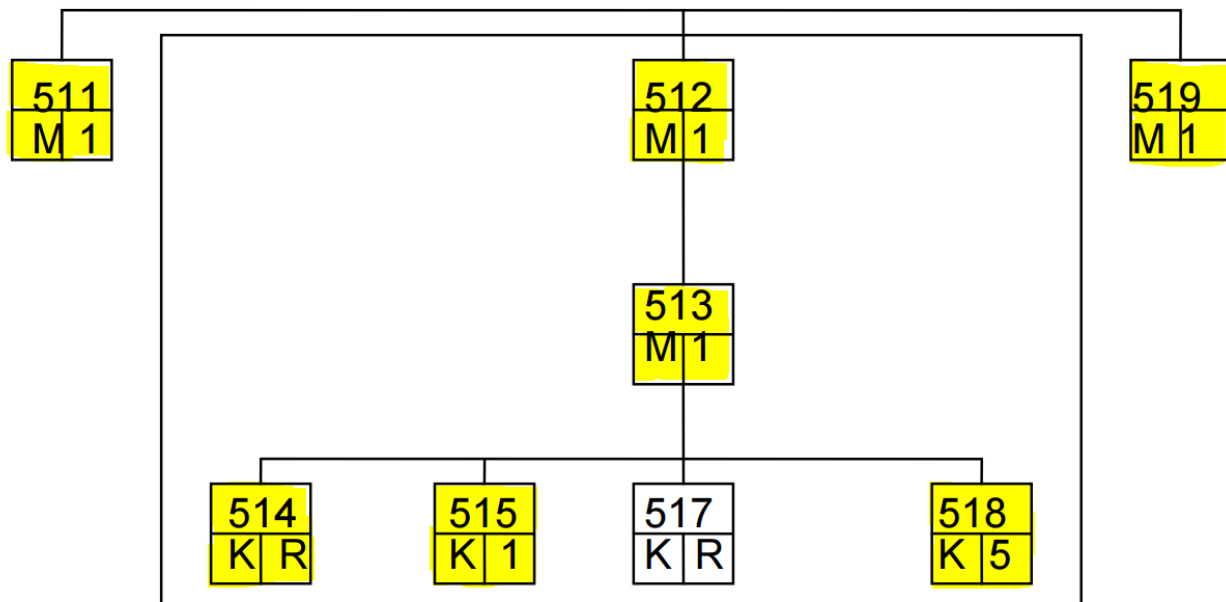
Mean:

M = Must (Mandatory)

C = Can (Conditional)

A = Alphanumeric (fields are left justified to fill)

N = Numerical (fields are right-justified with leading zeros to fill)



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Record type 511, version 02, Header record delivery instruction

Pos.	Data element	C/M	LG. BYT	A/N	From- to	Verbal description
01	Record type	M	3	N	1-3	Constant "511"
02	Version number	M	2	N	4-5	Constant "02"
03	Customer code	M	9	A	6-14	Code, which the supplier assigns to a customer. The customer code can be determined by the supplier and be transferred at the request of the supplier in the delivery instruction and in the daily call off. A different customer code each Valeo Company Plant is possible.
04	Supplier code	M	9	A	15-23	The code is assigned and transmitted by the Valeo Company (8 to 9 digits)
05	Transmission number old	M	5	N	24-28	During the first transfer is transmission number old = 00000.
06	Transmission number new	M	5	N	29-33	The Valeo companies assign in each case within their application for each data communication job a transfer number (new). The recipient keeps this number up to the next transfer of a delivery instruction. The recipient must control the completeness of the communication data for each application.
07	Transmission date	M	6	N	34-39	In form: YYMMDD
08	Starting date Cumulative figure receipt	C	6	N	40-45	In form: YYMMDD. Not Used
09	Blanks	M	83	A	46-128	filled with blanks

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Record type 512, version 01, unique data

Pos.	Data element	C/M	LG. BYT	A/N	From/to	Verbal description
01	Record type	M	3	N	1-3	Constant "512"
02	Version number	M	2	N	4-5	Constant "01"
03	Customer Plant code	M	3	A	6-8	The Valeo Company plant (at present disposition plant) is transferred with 3 digits.
04	Delivery call off number new	M	9	N	9-17	The delivery call-off number new is assigned per article code numerically and continuously ascending without leading zeros.
05	Delivery call off date new	M	6	N	18-23	In form YYMMDD; related to position 04
06	Delivery call off number old	M	9	N	24-32	see delivery call-off number new, numerically and continuously ascending
07	Delivery call off date old	M	6	N	33-38	In form: YYMMDD; related to position 06
08	Article code customer	M	22	A	39-60	The Valeo Company part number is transferred left justified in the printing form Into the delivery data the part number is to be taken over identically!
09	Article code supplier	C	22	A	61-82	The part number of the supplier is not transferred by the Valeo Company.
10	Order number	C	12	N	83-94	The customer order number is assigned originally with the (yearly) inquiry by the procurement. It is re-coded for the delivery instruction as a function of the application. In the delivery note the part number specified in the delivery instruction must be absolutely used. Left justified entry with 10 digits in printing form.
11	Dock / Gate	M	5	A	95-99	Dock / gate marks the receiving location in the Valeo Company-plant in encoded form, in which the material is to be unloaded.
12	Customer clerk identifier	C	4	A	100-103	Not Used
13	Quantity unit of measure	M	2	A	104-105	Encoded form; see appendix.
14	Delivery frequency	M	1	A	106	Encoded form; The Valeo Companies use only the flag L = " in accordance with calloff date ".
15	Manufacturing release	C	1	N	107	Number of months excluding deadline month, is not transferred by the Valeo Companies.
16	Material release	C	1	N	108	Number of months excluding deadline month, is not transferred by the Valeo Companies.
17	Requirement code	M	1	A	109	Not Used
18	Account key	C	7	A	110-116	Complementary data of the customer, from field (15) of the DIN form 4991-94, are not transmitted by the Valeo Companies.
19	Stock location	C	7	A	117-123	The 4-digit stock location marks the hall, where is to be delivered, and covers several receiving locations. It has to be back-transmitted (if transferred) from the supplier over the dispatch information (VDA 4902, VDA 4912, VDA 4913). The stock location is completing information to the article code and no key term.
20	Blanks	M	5	A	124-128	filled with blanks

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Record type 513, version 01, reconciliation and call-off dates

Pos.	Data element	C/M	LG. BYT	A/N	From/to	Verbal description
01	Record type	M	3	N	1-3	Constant "513"
02	Version Number	M	2	N	4-5	Constant "01"
03	Date of last recorded	M	6	N	6-11	In form YYMMDD. The Valeo Companies booked and considered in their planning recorded receipts of this article up to this date. receipt Delivery note number of the last material receipt at the Valeo Company with this article code, right-justified entry with leading zeros. Dependent on the number transportation distance the recorded receipt sequence can deviate of, the dispatched sequence at the supplier
04	Last recorded Delivery note	M	8	N	12-19	
05	Date of last receipt	M	6	N	20-25	
06	Quantity last receipt	M	12	N	26-37	
07	Cumulative	M	10	N	38-47	Quantity last recorded material receipt at the Valeo Company, right-justified entry, recorded with leading zeros. No decimal places, minus sign if necessary. Cumulative figure, which contains all booked receipts with the Valeo Companies figure receipt positively or negatively starting from " date zero position input progress number " transmitted in SA 511 up to the calculation of requirements for the current delivery call. With leading zeros, no decimal place, minus sign if necessary.
08	Call-off date 1	M	6	N	48-53	Goods arrival date in the receiving area of the Valeo Company related to the "call-off quantity 1 " . Call-off dates can be indicated as daily/weekly or monthly dates. This field (and further) can contain different forms of date (see appendix, Pos.05).
09	Call off quantity 1	M	9	N	54-62	Contains the call-off quantity 1. Call-off quantities can be indicated as quantity 1 daily/weekly or monthly quantities. All call-off quantities are entered
10	Call-off date 2	C	6		63-68	see call-off date 1
11	Call off quantity 2	C	9		69-77	see call-off quantity 1
12	Call-off date 3	C	6		78-83	see call-off date 1
13	Call off quantity 3	C	9		84-92	see call-off quantity 1
14	Call-off date 4	C	6		93-88	see call-off date 1
15	Call off quantity 4	C	9		99-107	see call-off quantity 1
16	Call-off date 5	C	6		108-113	see call-off date 1
17	Call off quantity 5	C	9		114-122	see call-off quantity 1
18	Blanks	M	6	A	123-128	filled with blanks

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Record type 514, version 01, further call-off dates

Pos.	Data element	C/ M	LG. BYT	A/ N	fromto	Verbal description
01	Record type	M	3	N	1-3	Constant"514"
02	Version number	M	2	N	4-5	Constant "01"
03	Call-off date 6	M	6	N	6-11	see call-off date 1, SA 513.
04	Call-off quantity 6	M	9	N	12-20	see call-off quantity 1, SA 513.
05	Call-off date 7	C	6	N	21-26	see call-off date 1
06	Call-off quantity 7	C	9	N	27-35	see call-off quantity 1
07	Call-off date 8	C	6	N	36-41	see call-off date 1
08	All-off quantity 8	C	9	N	42-50	see call-off quantity 1
09	Call-off date 9	C	6	N	51-56	see call-off date 1
10	All-off quantity 9	C	9	N	57-65	see call-off quantity 1
11	Call-off date 10	C	6	N	66-71	see call-off date 1
12	Call-off quantity 10	C	9	N	72-80	see call-off quantity 1
13	Call-off date 11	C	6	N	81-86	see call-off date 1
14	All-off quantity 11	C	9	N	87-95	see call-off quantity 1
15	Call-of date 12	C	6	N	96- 101	see call-off date 1
16	Call-off quantity 12	C	9	N	102- 110	see call-off quantity 1
17	Call-off date 13	C	6	N	111- 116	see call-off date 1
18	Call-off quantity 13	C	9	N	117- 125	see call-off quantity 1
19	Blanks	M	3	A	126- 128	filled with blanks

Note to record type " 514 ": This record type covers the call fields 6-13, on repetition of the record type the fields 14-21, 22-29, 30-37, etc..

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Record type 515, version 02, additional delivery information. The record type 515 is transferred by the Valeo Company only if for the call relevant data fields are filled.

Pos.	Data element	C/ M	LG. BYT	A/ N	fromto	Verbal description
01	Record type	M	3	N	1-3	Constant"515"
02	Version number	M	2	N	4-5	Constant "02"
03	Manufacturing release, starting date	C	6	N	6-11	form YYMMDD not used by the Valeo Company.
04	Manufacturing release, final date	C	6	N	12-17	form YYMMDD not used by the Valeo Company.
05	Manufacturing release, cumulated requirements	C	10	N	18-27	Progress number of the manufacturing release, which is achieved at the final date (position 04). Not used by the Valeo Company
06	Material release, starting date	C	6	N	28-33	form YYMMDD not used by the Valeo Company.
07	Material release, final date	C	6	N	34-39	form YYMMDD not used by the Valeo Company.
08	Material release, cumulated requirements	C	10	N	40-49	Progress number of the material release, which is achieved at the final date (position 07). form YYMMDD not used by the Valeo Company.
09	Completing article code	C	22	A	50-71	Completing article code form YYMMDD not used by the Valeo Company.
10	Intermediate supplier	C	9	A	72-80	ID number, which the customer assigns to an intermediate supplier. form YYMMDD not used by the Valeo Company.
11	Date planning horizon	C	6	N	81-86	Final date of the planning horizon form YYMMDD not used by the Valeo Company.
12	Point of Consumption	C	14	A	87-100	The consumption point marks a specific, a part firmly assigned stock location; it is completing information to the part number with unloading point and no key term. This additional field must be transferred by the supplier in the dispatch information. Not used by the Valeo Company
13	cumulative figure, achieved at zero position	C	10	N	101-110	Last quantity receipt cumulative figure achieved before " date for zero position " (record type 511). All data for the zero position of the receipt cumulative figure will be transferred only a limited period after date of zero position. Not Useb by the Valeo Company
14	Blank	M	18	A	111-128	filled with blanks

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Record type 517, version 01, packaging data

The record type 517 is transferred by the Valeo Company only if a coded package type is available for the article code in the Valeo Company database.

Pos.	Data element	C/ M	LG. BYT	A/ N	fromto	Verbal description
01	Record type	M	3	N	1-3	Constant"517"
02	Version number	M	2	N	4-5	Constant "01"
03	Packaging code customer	M	22	A	6-27	ID number, which the customer assigns to a packaging type, left justified entry with leading zeros for type of packaging. Packaging types are indicated in a first information and for modifications in the packing order as well as in the delivery instruction .
04	Packaging code supplier	C	22	A	28-49	ID number, which the supplier assigns to a packaging type, left justified entry with leading zeros for type of packaging type.
05	Capacity per packaging type	M	7	N	50-56	Packaging type for the article code assigned amount of filling in the measure unit of SA 512, position 13; right-justified entry with leading zeros, no decimal place.
06	Blanks	M	72	A	57-128	filled with blanks

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Record type 519, version 02, trailer record delivery instruction dates

Pos.	Data element	C/ M	LG. BYT	A/ N	fromto	Verbal description
01	Record type	M	3	N	1-3	Constant"519"
02	Version number	M	2	N	4-5	Constant "01"
03	Counter record type 511	M	7	N	6-12	Number of transferred record type 511
04	Counter record type 512	M	7	N	13-19	Number of transferred record type 512
05	Counter record type 513	M	7	N	20-26	Number of transferred record type 513
06	Counter record type 514	M	7	N	27-33	Number of transferred record type 514
07	Counter record type 517	M	7	N	34-40	Number of transferred record type 517
08	Counter record type 518	M	7	N	41-47	Number of transferred record type 518
09	Counter record type 519	M	7	N	48-54	Number of transferred record type 519
10	Counter record type 515	M	7	N	55-61	Number of transferred record type 515
11	Blanks	M	67	A	62-128	filled with blanks

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Appendix: Code - directory

Code table	Code contents	in the record type
Quantity unit	From the multiplicity of user-specific quantity and units only a direct selection comes into consideration, in order to be able to dimension the demand figures (quantities) for the production material in connection with the delivery calls between The Valeo Companies and supplier:	
	<div>Encoded forms</div> <div> ST = piece of M = meters of M2 = square meters of M3 = cubic meters of L = litre of T = ton of KG = kilogram </div>	
	<div>Encoded forms</div> <div> S = series of E = spare parts generally U = series and back-up V = attempt P = pilot Z = additional requirements M = first sample Y = sample X = other one </div>	
Call-off date	<p>For the call-off date there are different representational forms:</p> <ol style="list-style-type: none"> Form JJMMTT: means current date as date of arrival. Encoded forms <div> <div>'000000'</div> <div>Indicates last call-off-field of an article code in this delivery call. The related quantity field as well as all further call fields of the data record are BLANK.</div> </div> <div> <div>'222222'</div> <div>Indicates that no requirement is present for the article code. The related quantity field as well as all further call fields of this data record are BLANK.</div> </div> <div> <div>'333333'</div> <div>Indicates the related quantity as BACKLOG.</div> </div> <div> <div>'444444'</div> <div>Indicates the related quantity as IMMEDIATE Requirements.</div> </div> <div> <div>'555555'</div> <div>It indicates that the following call fields contain required quantities, which refer to the period indicated in the call-off date. The related quantity field is BLANK. If all quantities of an article code refer to periods, the first call field begins with ' 555555 '.</div> </div> <div> <div>The call-off date can look as follows:</div> <div>YYWWWW Requirement for the period of week WW until week WW</div> </div> <div> <div>YYMM00</div> <div>Requirement for month MM</div> </div> <div> <div>YY00WW</div> <div>Requirement for week WW</div> </div> <div> <div>'999999'</div> <div>Indicates the quantity field, which can contain the preview quantities of several months in the delivery call under the date " reminder ".</div> </div> <div> <div>All as YY, MM, DD used values of the number correspond to the Gregorian calendar</div> </div>	513, 514

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Exemple

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51102VALEOIWEM00001234 0004200043150604000000
51201WD18 1506047 150528321-111-01-11 5530004176 W32LL STL WDLL
51301150522107707 150522000008400000000003840150610000000480555555000000000150034000007200150045000007200160003000007200
51401160014000004080000000
51501000000150716000000000000000001508270000000000 000000DWD40 0000000000
51701087-955-99-99 0000120
51201WD18 1506047 150528123-111-03-01 5530004178 W32LL STL WDLL
51301150603107746 15060300000624000000000248401506090000000000150610000002040150618000004800150625000006000150702000006000
514011507090000061201507160000036005555550000000000150030000004920150031000000120150032000000120150033000001320150034000006120
51401150035000003600150036000006120150037000004920150038000004920150039000006120150040000003600150041000006120150042000003720
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51401150051000000120150052000001320150053000004920160001000006120160002000004920160003000005040160004000003600160005000006120
51401160006000004920160007000006120160008000004800160009000004920160010000004920160011000002400160012000006120160013000004920
51401160014000003720160015000006000160016000003600160017000003600160018000003480160019000004200000000
51501000000150716000000000000000001508270000000000 000000DWD40 0000000000
51701087-955-99-99 0000120
519010000001000000200000020000007000000200000000000010000002
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