VDA	"Delivery Instruction with EDI" 490								
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Attention:

This document is NOT the complete documentation of VDA 4905. It is an excerpt of the original German document and is solely intended for explanation of the record structures.

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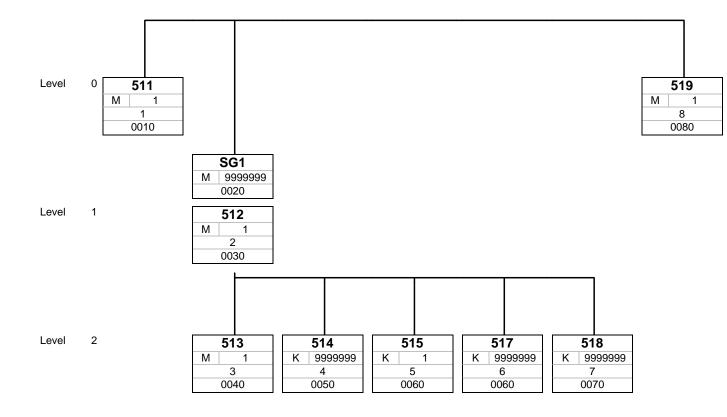
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Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0010	1	511	М	1	0	header record delivery instruction
0020		SG1	М	9999999	1	512-513-514-515-517-518
0030	2	512	М	1	1	unique delivery instruction data
0040	3	513	М	1	2	accrual and call off data
0050	4	514	К	9999999	2	additional call off data
0060	5	515	К	1	2	Ford US call off data (for LABs from USA, Canada, Mexico only)
0060	6	517	К	9999999	2	packaging data
0070	7	518	К	9999999	2	call off text
0080	8	519	М	1	0	trailer record delivery instruction

Counter = Counter of record/group within the standard	St = Status
No = Consecutive segment number	EDIFACT: M=Mandatory, C=Conditional
MaxOcc = Maximum occurrence of the record/group	User specific: R=Required, O=Optional, D=Dependent,
	A=Advised, N=Not used

Branching Diagram of Used Records/Groups





Tag = Record/Group Tag St = Status (M=Mandatory, C or K=Conditional, R=Required, O=Optional, A=Advised, D=Dependent) MaxOcc = Maximum occurrence of the record/group No = Consecutive record number Counter = Counter of record/group within the standard

Record	Ту	oes	;								
Counter	No		Tag	St	MaxOcc	Level	Name				
0010	1		511	М	1	0	header record delivery instruction				
						Sta	ndard				
Tag	St	Р	F	Name							
511_01	М	1	N3	record type							
511_02	М	4	N2	version nun	version number						
511_03	М	6	A9	customer n	customer number						
511_04	Μ	15	A9	supplier nui	mber						
511_05	М	24	N5	old (previou	old (previous) transmission number						
511_06	М	29	N5	new transmission number							
511_07	М	34	N6	transmission date							
511_08	Κ	40	N6	date of rese	etting the cum	ulative rece	ived quantity to zero				
511_09	Κ	46	A83	blank							

Remark:

1 x per transmission

Example:

No = Consecutive segment number						
MaxOcc = Maximum occurrence of the record/group						
Counter = Counter of segment/group within the standard						

Record Types Counter No St MaxOcc Level Name Tag 0020 SG1 Μ 9999999 1 512-513-514-515-517-518 512 2 0030 Μ 1 1 unique delivery instruction data

Standard									
Tag	St	Р	F	Name					
512_01	М	1	N3	record type					
512_02	М	4	N2	version number					
512_03	М	6	A3	customer plant					
512_04	М	9	N9	call off number new					
512_05	М	18	N6	call off date new					
512_06	М	24	N9	call off number old					
512_07	М	33	N6	call off date old					
512_08	М	39	A22	customer's article code					
512_09	K	61	A22	supplier's article code					
512_10	K	83	A12	order / contract number					
512_11	М	95	A5	unloading point (point of discharge)					
512_12	М	100	A4	customer reference					
512_13	М	104	A2	quantity unit					
512_14	М	106	A1	delivery interval					
512_15	K	107	N1	production authorisation					
512_16	K	108	N1	material authorisation					
512_17	М	109	A1	usage key					
512_18	Κ	110	A7	account					
512_19	K	117	A7	storage					
512_20	K	124	A5	blank					

Remark:

Once per part number and plant

Example:

Record Types

Counter No	Тад	St	MaxOcc	Level	Name
0020	SG1	М	9999999	1	512-513-514-515-517-518
0040 3	513	М	1	2	accrual and call off data

Standard									
Tag	St	Р	F	Name					
513_01	М	1	N3	record type					
513_02	Μ	4	N2	version number					
513_03	М	6	N6	entry date last delivery					
513_04	М	12	N8	delivery note number last delivery					
513_05	М	20	N6	delivery note date last delivery					
513_06	М	26	N12	quantity last delivery					
513_07	М	38	N10	cumulative figure					
513_08	М	48	N6	call off date 1					
513_09	М	54	N9	call off quantity 1					
513_10	K	63	N6	call off date 2					
513_11	K	69	N9	call off quantity 2					
513_12	K	78	N6	call off date 3					
513_13	K	84	N9	call off quantity 3					
513_14	K	93	N6	call off date 4					
513_15	K	99	N9	call off quantity 4					
513_16	K	108	N6	call off date 5					
513_17	K	114	N9	call off quantity 5					
513_18	K	123	A6	blank					

Remark:

Once per part number and plant

Example:

No = Consecutive segment number MaxOcc = Maximum occurrence of the record/group Counter = Counter of segment/group within the standard St = Status EDIFACT: M=Mandatory, C or K=Conditional User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Record Types

Counter No	Тад	St	MaxOcc	Level	Name
0020	SG1	М	9999999	1	512-513-514-515-517-518
0050 4	514	к	9999999	2	additional call off data

Standard								
Tag	St	Р	F	Name				
514_01	М	1	N3	record type				
514_02	Μ	4	N2	version number				
514_03	М	6	N6	call off date 6				
514_04	М	12	N9	call off quantity 6				
514_05	K	21	N6	call off date 7				
514_06	K	27	N9	call off quantity 7				
514_07	K	36	N6	call off date 8				
514_08	K	42	N9	call off quantity 8				
514_09	K	51	N6	call off date 9				
514_10	K	57	N9	call off quantity 9				
514_11	K	66	N6	call off date 10				
514_12	K	72	N9	call off quantity 10				
514_13	K	81	N6	call off date 11				
	K	87	N9	call off quantity 11				
514_15	K	96	N6	call off date 12				
514_16	K	102	N9	call off quantity 12				
	K	111	N6	call off date 13				
	K	117	N9	call off quantity 13				
	K	126	A3	blank				

Remark: n times per part number and plant

Example:

Record Types									
Counter No	Tag	St	MaxOcc	Level	Name				
0020	SG1	М	9999999	1	512-513-514-515-517-518				
0060 5	515	к	1	2	Ford US call off data (for LABs from USA, Canada, Mexico only)				

Standard						
Tag	St	Ρ	F	Name		
515_01	М	1	N3	record type		
515_02	Μ	4	N2	version number		
515_03	М	6	N6	production authorisation, start date		
515_04	М	12	N6	production authorisation, end date		
515_05	М	18	N10	production authorisation, cumulative quantity		
515_06	Μ	28	N6	material authorisation, start date		
515_07	М	34	N6	material authorisation, end date		
515_08	М	40	N10	material authorisation, cumulative demand		
515_09	κ	50	A22	FPSD article code		
515_10	K	72	A9	sub supplier		
515_11	М	81	N6	planning horizon date		
515_12	Κ	87	A14	point of use		
515_13	Κ	101	N10	cumulative received quantity before resetting it to zero		
515_14	K	111	A18	blank		

Remark:

Once per part number and plant

Example:

Record Types

Counter No	Тад	St	MaxOcc	Level	Name
0020	SG1	М	9999999	1	512-513-514-515-517-518
0060 6	517	к	9999999	2	packaging data

Standard					
Tag	St	Р	F	Name	
517_01	М	1	N3	record type	
517_02	Μ	4	N2	version number	
517_03	Μ	6	A22	customer's article code for the package	
517_04	K	28	A22	supplier's article number for the package	
517_05	Μ		N7	package capacity	
517_06	K	57	A72	blank	

Remark:

n times per part number and plant

Example:

Record Types							
Counter	No		Tag	St	MaxOcc	Level	Name
0020			SG1	М	9999999	1	512-513-514-515-517-518
0070	7		518	к	9999999	2	call off text
						Star	ndard
Tag	St	Р	F	Name			
518_01	М	1	N3	record type			
518_02	М	4	N2	version num			
518_03	М	6	A40	call off text ?	1		
518_04	K	46	A40	call off text 2	2		
518_05	Κ	86	A40	call off text 3	3		

518_06 Remark:

n times per part number and plant

126 A3

blank

Κ

Example:

No = Consecutive segment number	
MaxOcc = Maximum occurrence of the record/g	roup
Counter = Counter of segment/group within the	standard

Record Types								
Counter	No		Tag	St	MaxOcc	Level	Name	
0080	8		519	М	1	0	trailer record delivery instruction	
						Sta	ndard	
Tag	St	Р	F	Name				
519_01	М	1	N3	record type				
519_02	М	4	N2	version nur	nber			
519_03	М	6	N7	counter rec	ord 511			
519_04	М	13	N7	counter rec	ord 512			
519_05	Μ	20	N7	counter rec	ord 513			
519_06	Μ	27	N7	counter rec	ord 514			
519_07	Μ	34	N7	counter rec	ord 517			
519_08	Μ	41	N7	counter rec	ord 518			
519_09	Μ	48	N7	counter rec	counter record 519			
519_10	М	55	N7	counter rec	ord 515			
519_11	K	62	A67	blank				

Remark:	
Nomai K.	

Once per transmission

Example:

No = Consecutive segment number MaxOcc = Maximum occurrence of the record/group Counter = Counter of segment/group within the standard St = Status EDIFACT: M=Mandatory, C or K=Conditional User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

512_13	quantity unit
Code	Name/Description
KG	kilogram
KM	kilometre
L	litre
M	metre
M2	square metre
М3	cubic metre
ST	piece
Т	ton

512_14	delivery interval
Code	Name/Description
L	according to transmitted call-off date
М	monthly
Т	daily
W	weekly

No = Consecutive segment number MaxOcc = Maximum occurrence of the record/group Counter = Counter of segment/group within the standard St = Status EDIFACT: M=Mandatory, C or K=Conditional User specific: R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

512_17	usage key
Code	Name/Description
E	sparepart (general)
Μ	sample (initial)
Р	pilot
S	series
U	series and sparepart
V	test
X	other
Y	sample
Z	additional demand

513_08	call off date 1
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
444444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

513_10	call off date 2
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
44444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

513_12	call off date 3
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
444444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

513_14	call off date 4
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
44444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

513_16	call off date 5
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
44444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

514_03	call off date 6
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
44444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

514_05	call off date 7
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
444444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

514_07	call off date 8
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
44444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

514_09	call off date 9
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
44444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

514_11	call off date 10
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
444444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

514_13	call off date 11
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
444444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

514_15	call off date 12
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
444444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.

514_17	call off date 13
Code	Name/Description
000000	end of delivery instruction Used to indicate the last field in a delivery instruction for a specific part or article number. The related quantity field and all subsequent fields of the record are filled with BLANK (space).
222222	no demand Used to indicate that there is no demand for this part / article number. The related quantity fields and all other following fields in the record are filled with BLANK (space).
333333	backorder quantity Used to indicate the backorder quantity.
44444	immediate demand Used to indicate immediate demand
555555	transition to weekly or monthly demand figures Used to indicate that the following demand figures are weekly or monthly figures. The related quantity field must be filled with zeros. If all figures in the delivery instruction are weekly or monthly values then the first date of the schedule shall contain the value 555555.
999999	remaining demand Used to indicate that the quantity field contains the remaining demand of perhaps several months without more detailed time specification.