Global Delivery Call-Off / VDA 4905

Version: 1.0 Final

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Notes:	**Based on VDA 4905**

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1 Message Definition

1.1 Principles

The message intends to:

- specify requirements based on the delivery conditions.
- define the aspects that guarantee synchronization between Magna and the supplier.
- provide information allowing the supplier to plan for future requirements, to purchase raw materials.

1.2 References

The Delivery Call-Off Message intends to:

- provide the message structure as defined by VDA for the for the Delivery Call-Off Message → VDA4905.
- the message structure defined and described in this document follows as close as possible the structure of VDA messages.
- provide the agreement between the trading partner on the data elements to be used, their unique definition, their representation and their values (coded or clear form) as identified in this documents.

2 Message Description

Following pages contain a full description of the → VDA4905 message.

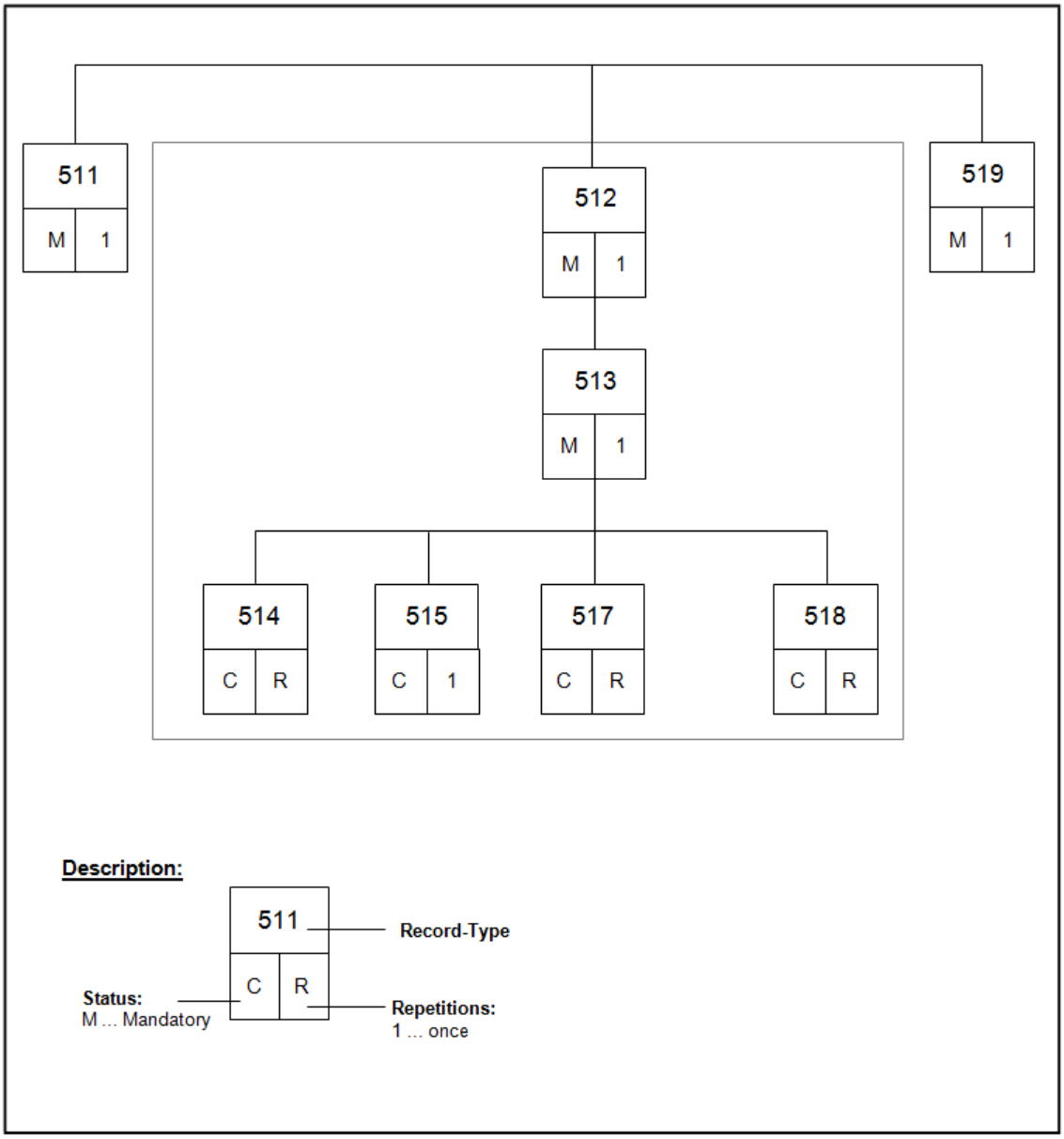
2.1 Segment Table

The following table shows all record-types as defined in the → VDA4905 message. This table should be read in conjunction with the branching diagram.

Record-Type	Content	Status	Occurrence
511	Interchange Header	M	1
512	Data of Delivery Call-Off	M	1
513	Reconciliation & Call-Off Data	M	1
514	Additional Call-Off Data	C	R
515	Complementary Delivery Call-Off Data	C	1
517	Packaging Data	C	R
518	Text Data	C	R
519	Interchange Trailer	M	1

2.2 Branching Diagram

The branching diagram shows the structure of the message. It is a combination of record-types that are organized in a certain hierarchical order.



2.3 Message Structure

The message structure illustrates how the message segments should be repeated in a → VDA4905 transmission.

511		Interchange Header
512		Data of Delivery Call-Off
513		Reconciliation & Call-Off Data
	514	Additional Call-Off Data
	514	Additional Call-Off Data
	515	Complementary Delivery Call-Off Data
	517	Packaging Data
	518	Text Data
513		Reconciliation & Call-Off Data
	515	Complementary Delivery Call-Off Data
	517	Packaging Data
	518	Text Data
519		Interchange Trailer

3 Record Type Description

The appearance resp. layout of the following record type description is based and leaned on the VDA-description to simplify the reading of this document.

Following remarks are valid for all of the further described record-types:

- Numeric-fields have to be right-aligned with preceding zeros. These fields do not contain decimals unless otherwise specified in the field-explanation.
- Alphanumeric-fields have to be left-aligned unless otherwise specified in the field-explanation.
- Column “VDA M/C” shows the information if a data-field is mandatory (“M”) or conditional (“C”) defined in the → VDA4905 description.
- Column “Feature” defines possible content of a data-field.

3.1 Record Type 511

Record Types	Item	Element	VDA M/C	Type	Length	from - to	Feature	Description
511	01	Record Type	M	N	3	1-3	511	
	02	Version	M	N	2	4-5	01	
	03	Customer Number	M	A	9	6-14		Identity number assigned to a customer by the supplier. All data of a record structure, containing the field Customer No., are subject to data protection.
	04	Supplier Number	M	A	9	15-23		Identity number assigned to a supplier (contractor) by the customer. All data of a record structure containing the field Customer No. are subject to data protection.
	05	Transmission Number Old	M	N	5	24-28		See Transmission Number NEW. At the first transfer, the Transmission Number OLD (ALT) = Transfer Number NEW.
	06	Transmission Number New	M	N	5	29-33		The person creating the data ("data creator") will assign a Transmission Number NEW to each transfer run. The value “00000” may not be used. The data creator and receiver will keep this number for each special field up to the next transmission of this special field. As the data creator states the Transmission Number New as well as the Transmission Number of the previous transmission run within this special field , the receiver can check the completeness of the transmission data records for each special field. Therefore, no uninterrupted ascending order will be necessary.
	07	Transmission date	M	N	6	34-39		Format: YYMMDD
	08	Date Set to zero number	C	N	6	40-45		Format: YYMMDD
	09	Empty	M	A	83	46-128	Blanks	filled with BLANKS

3.2 Record Type 512

Record Types	Item	Element	VDA M/C	Type	Length	from - to	Feature	Description
512	01	Record Type	M	N	3	1-3	512	
	02	Version	M	N	2	4-5	01	
	03	Plant-Customer	M	A	3	6-8		Plant of the customer to which the delivery has to be done. Coded customer format.
	04	Delivery Call-Off Number New	M	N	9	9-17		The customer assigns a Delivery Call-Off Number to every run for preparing delivery schedule data. Customer and supplier will keep this number up to the next processing of delivery schedule data. As, however, the customer always states the Delivery Call-Off Number New as well as the number of the previous processing, the supplier can check the completeness of the delivery schedule data for each part number.
	05	Delivery Call-Off Date New	M	N	6	18-23		Format: YYMMDD; in connection with Item 04.
	06	Delivery Call-Off Number Old	M	N	9	24-32		See Delivery Call-Off Number New
	07	Delivery Call-Off Date Old	M	N	6	33-38		Format: YYMMDD; in connection with Item 06.
	08	Part Number Customer	M	A	22	39-60		Identity number assigned by the customer to an article.
	09	Part Number Supplier	C	A	22	61-82		Identity number assigned by the supplier to an article.
	10	Contract/ Order Number	C	N	12	83-94		Identity number assigned by the customer to an order or a basic contract.
	11	Point of Unloading	M	A	5	95-99		The point of unloading identifies the point in the plant of the customer on which the goods have to be unloaded. Coded customer format.
	12	Customer Ref.	M	A	4	100-103		

Record Types	Item	Element	VDA M/C	Type	Length	from - to	Feature	Description
512	13	Unit of Quantity	M	A	2	104-105	ST, M, M2, M3, L, T, KG, KM	For being able to dimension production material: Coded format: ST = piece M = meter M2 = square meter M3 = cubic meter L = liter T = ton KG = kilogram KM = kilometer
	14	Delivery Interval	M	A	1	106	L, T, W, M	Coded format as follows: L = according to call-off date T = daily W = weekly M = monthly
	15	Manufacturing Release	C	N	1	107		
	16	Material Release	C	N	1	108		
	17	Using Code	M	A	1	109	S, E, U, V, P, Z, M, Y, X,	Coded format as follows: S = series E = replacement general U = series and replacement V = test P = pilot Z = additional need M = first sample Y = sample X = others
	18	Accounting code	C	A	7	110-116		Also additional data of the customer, from the field (15) of the DIN-form 4991-94.
	19	Store	C	A	7	117-123		Place of storage, in addition to the place of unloading.
	20	Empty	M	A	5	124-128	Blanks	

3.3 Record Type 513

Record Types	Item	Element	VDA M/C	Type	Length	from - to	Feature	Description
513	01	Record Type	M	N	3	1-3	513	
	02	Version	M	N	2	4-5	01	
	03	Date of Registration Last Receipt	M	N	6	6-11		Format: YYMMDD. The customer has booked the deliveries received up to that date and considered them in his disposition.
	04	Delivery Note Number Last Receipt	M	N	8	12-19		Delivery Note Number of the last delivery booked at the customer.
	05	Delivery Note Date Last Receipt	M	N	6	20-25		Delivery date of the last delivery booked at the customer. Format: YYMMDD.
	06	Quantity Last Receipt	M	N	12	26-37		Quantity of the last delivery booked at the customer- 3 decimals
	07	Receipt Progress Number	M	N	10	38-47		Progress number containing all deliveries booked from the customer from a certain moment, (e. g. from Jan. 1st of the year), up to the effective day of the current delivery schedule accounting.

Record Types	Item	Element	VDA M/C	Type	Length	from - to	Feature	Description
513	08	Call-Off Date 1	M	N	6	48-53		This field contains different types of representation: 1. Format YYMMDD: means date of day as arrival date 2. Coded formats 000000 identifies the last schedule field of a part number in the present Delivery Call-Off. The corresponding quantity field as well as all the other call-off fields of the data record are BLANK. 222222 means that there is no need for the part number. The corresponding quantity field as well as all the other call-off fields of this Record Type are BLANK. 333333 identifies the corresponding quantity as ARREARS. 444444 identifies the corresponding quantity as IMMEDIATE NEED. 555555 identifies the end of the call-off-fields at which the quantity refers to the corresponding “date of arrival”. The quantity belonging to this field is BLANK. If all quantities of a unique number are referring to a period the first Call-Off-Field starts with “555555”. The Call-Off-Date can look like as follows: YYWWWW need for the period from week WW to week WW YYMM00 need for month MM YY00WW need for week WW 999999 identifies the quantity field that may contain the forecast quantities of several months under the date "Rest". All numerical values used as YY, MM and DD correspond to the Gregorian Calendar.

Record Types	No.	Element	VDA M/C	Type	Length	from- to	Feature	Description
513	09	Call-Off Quantity 1	M	N	9	54-62		Contains Call-Off Quantity 1. For all the Call-Off Quantities, Right-justified entry with leading zeros. No decimals
	10	Call-Off Date 2	C	N	6	63-68		see Call-Off Date 1
	11	Call-Off Quantity 2	C	N	9	69-77		see Call-Off Quantity 1
	12	Call-Off Date 3	C	N	6	78-83		see Call-Off Date 1
	13	Call-Off Quantity 3	C	N	9	84-92		see Call-Off Quantity 1
	14	Call-Off Date 4	C	N	6	93-98		see Call-Off Date 1
	15	Call-Off Quantity 4	C	N	9	99-107		see Call-Off Quantity 1
	16	Call-Off Date 5	C	N	6	108-113		see Call-Off Date 1
	17	Call-Off Quantity 5	C	N	9	114-122		see Call-Off Quantity 1
	18	Empty	M	A	6	123-128	Blanks	

3.4 Record Type 514

Record Types	No.	Element	VDA M/C	Type	Length	from- to	Feature	Description
514	01	Record Type	M	N	3	1-3	514	
	02	Version	M	N	2	4-5	01	
	03	Call-Off-Date 6	M	N	6	6-11		See Call-Off-Date 1 Record Type 513
	04	Call-Off-Quantity 6	M	N	9	12-20		See Call-Off-Quantity 1 Record Type 513
	05	Call-Off-Date 7	C	N	6	21-26		See Call-Off-Date 1
	06	Call-Off-Quantity 7	C	N	9	27-35		See Call-Off-Quantity 1
	07	Call-Off-Date 8	C	N	6	36-41		See Call-Off-Date 1
	08	Call-Off-Quantity 8	C	N	9	42-50		See Call-Off-Quantity 1
	09	Call-Off-Date 9	C	N	6	51-56		See Call-Off-Date 1
	10	Call-Off-Quantity 9	C	N	9	57-65		See Call-Off-Quantity 1
	11	Call-Off-Date 10	C	N	6	66-71		See Call-Off-Date 1
	12	Call-Off-Quantity 10	C	N	9	72-80		See Call-Off-Quantity 1
	13	Call-Off-Date 11	C	N	6	81-86		See Call-Off-Date 1
	14	Call-Off-Quantity 11	C	N	9	87-95		See Call-Off-Quantity 1
	15	Call-Off-Date 12	C	N	6	96-101		See Call-Off-Date 1
	16	Call-Off-Quantity 12	C	N	9	102-110		See Call-Off-Quantity 1
	17	Call-Off-Date 13	C	N	6	111-116		See Call-Off-Date 1
	18	Call-Off-Quantity 13	C	N	9	117-125		See Call-Off-Quantity 1
	19	Empty	M	A	3	126-128	Blanks	

3.5 Record Type 515

Record Types	No.	Element	VDA M/C	Type	Length	from- to	Feature	Description
515	01	Record Type	M	N	3	1-3	515	
	02	Version	M	N	2	4-5	01	
	03	Manufacturing release, starting date	C	N	6	6-11		Format YYMMDD
	04	Manufacturing release, final date	C	N	6	12-17		Format YYMMDD
	05	Manufacturing release, cumulated requirements	C	N	10	18-27		Progress number of the manufacturing release, which is achieved at the final date; item 04
	06	Material release, starting date	C	N	6	28-33		Format YYMMDD
	07	Material release, final date	C	N	6	34-39		Format YYMMDD
	08	Material release, cumulated requirements	C	N	10	40-49		Progress number of the manufacturing release, which is achieved at the final date; item 07
	09	Completing article code	C	A	22	50-71		
	10	Intermediate supplier	C	A	9	72-80		
	11	Date planning horizon	C	N	6	81-86		Final date of the planning horizon
	12	Point of consumption	C	A	14	87-100		
	13	Cumulative figure, achieved at zero position	C	N	10	101-110		Last quantity receipt cumulative figure achieved before date for zero position" (Record Type 511, Item 08)
	14	Empty	M	A	18	111-128	Blanks	

3.6 Record Type 517

Record Types	No.	Element	VDA M/C	Type	Length	from- to	Feature	Description
517	01	Record Type	M	N	3	1-3	517	
	02	Version	M	N	2	4-5	01	
	03	Part Number Customer for Packaging Material	M	A	22	6-27		Identity number assigned by the customer to a packaging material.
	04	Part Number Supplier for Packaging Material	C	A	22	28-49		Identity number assigned by the supplier to a packaging material.
	05	Volumetric Capacity	M	N	7	50-56		The mathematical filling amount assigned to the packaging material for the part number. Right-justified entry with leading zeros. no decimals.
	06	Empty	M	A	72	57-128	Blanks	

3.7 Record Type 518

Record Types	No.	Element	VDA M/C	Type	Length	from- to	Feature	Description
518	01	Record Type	M	N	3	1-3	518	
	02	Version	M	N	2	4-5	01	
	03	Delivery Schedule Text 1	M	A	40	6-45		Modification index
	04	Delivery Schedule Text 2	C	A	40	46-85		
	05	Delivery Schedule Text 3	C	A	40	86-125		
	06	Empty	M	A	3	126-128	Blanks	

Up to two additional record-types “518” will be send with the information concerning the second-last and third-last dispatch-advice from the supplier. These special record-types show the following structure:

Record Types	No.	Element	VDA M/C	Type	Length	from- to	Feature	Description
518	01	Record Type	M	N	3	1-3	518	
	02	Version	M	N	2	4-5	01	
	03	Delivery Schedule Text 1	M	A	40	6-45		Prefix “LS2:” or “LS3:” + dispatch-note-number in format n8 with leading zeros (e.g. "LS2:00036464")
	04	Delivery Schedule Text 2	C	A	40	46-85		Dispatch-note-date of the dispatch-note in format YYMMDD (e.g. “040616”)
	05	Delivery Schedule Text 3	C	A	40	86-125		Quantity booked of the dispatch-note in format n12 with 3 decimals and leading zeros (e.g. “000000080000”)
	06	Empty	M	A	3	126-128	Blanks	

3.8 Record Type 519

Record Types	No.	Element	VDA M/C	Type	Length	from- to	Feature	Description
519	01	Record Type	M	N	3	1-3	519	
	02	Version	M	N	2	4-5	02	
	03	Counter Record Type 511	M	N	7	6-12		Number transferred Record Type 511.
	04	Counter Record Type 512	M	N	7	13-19		Number transferred Record Type 512.
	05	Counter Record Type 513	M	N	7	20-26		Number transferred Record Type 513.
	06	Counter Record Type 514	M	N	7	27-33		Number transferred Record Type 514.
	07	Counter Record Type 517	M	N	7	34-40		Number transferred Record Type 517.
	08	Counter Record Type 518	M	N	7	41-47		Number transferred Record Type 518.
	09	Counter Record Type 519	M	N	7	48-54		Number transferred Record Type 519.
	10	Counter Record Type 515	M	N	7	55-61		Number transferred Record Type 515.
	11	Empty	M	A	67	62-128	Blanks	