

VOLKSWAGEN GROUP

061934

Volkswagen VDA 4933 T1 Transport Order

VDA 3.1

VW 3.1

Based on: VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1



Table of content

1	Introduction	3
1.1	Creating a VDA 4933T1 from the system of the ship from	3
1.2	Creation of VDA 4933T1 by using Volkswagen web application	4
2	Scope.....	4
3	References	4
3.1	VOLKSWAGEN GROUP.....	4
3.2	Validation portal	4
3.3	VDA (Verband der Automobilindustrie).....	4
3.4	Odette International.....	4
3.5	UN/EDIFACT	4
4	Changelog.....	Fehler! Textmarke nicht definiert.
5	Legend	14
6	Message type.....	15
7	Segment details.....	20

1 Introduction

The user manuals for the EDIFACT formats used in the VOLKSWAGEN GROUP are intended to support the partner in independent implementation.

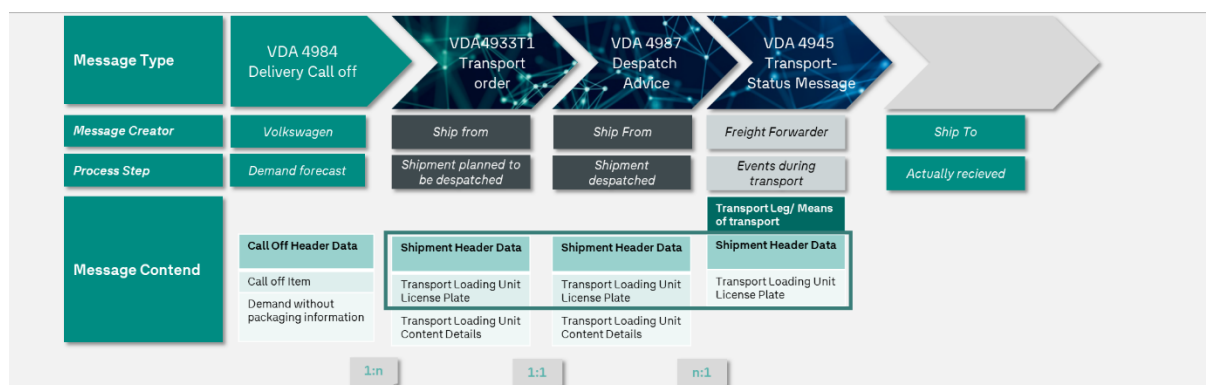
This guideline describes the technical requirements of VOLKSWAGEN for a digital transport order from a ship-from party to a freight forwarder

This guideline is based on VDA recommendation 4933 T1.

In order to implement this message correctly, it is important to understand the interaction of the logistics messages in the transport chain.

The interaction of the messages Example Material

The Information of the used messages does only add value when the below principle is understood!



Volkswagen uses VDA 4933 T1 Transport Order for the operational commissioning of a forwarding agent for the collection of series material where the Volkswagen Group is the client of the transportation service.

In this scenario, the shipper is responsible for providing the required data for collection at a defined time. Two options are available for this:

1.1 Creating a VDA 4933T1 from the system of the ship from

The ship from creates a VDA 4933T1 for each planned shipment in accordance with the technical and functional specifications of Volkswagen AG. Please note that the same bundling criteria (see information on qualifier RFF+CRN in this document) are applied when creating the message as when creating the VDA 4987 Despatch Advice later.

The operational transport order is sent to the carrier once a day and must be transmitted to Volkswagen by the time specified in the general shipping instructions (cut off) at the latest. Volkswagen forwards the data unchanged to the freight forwarder contained in the message or makes it available to the carrier in the Volkswagen web application. The key for forwarding is the DUNS of the freight forwarder. The supplier is responsible for the correctness of this data. The partner data for regional forwarders can be found in the appendix to the General Shipping Instructions. If the order is placed with a direct load forwarder, the partner data of the forwarder must be provided by the plant that has concluded the direct load agreement with the forwarder.

If changes occur after cut-off, these are not transmitted via EDI and must instead be clarified bilaterally with the forwarder outside the EDI process.

1.2 Creation of VDA 4933T1 by using Volkswagen web application

A ship from who is not able to generate a VDA 4933 T1 must execute their transport ordering in the web application provided by the VOLKSWAGEN Group. This automatically generates a VDA 4933 T1 based on the user input of the ship from, which is forwarded to connected freight forwarders or made available for processing in the Volkswagen web application as described in 1.1.

2 Scope

As a rule, this recommendation applies to all VOLKSWAGEN brands and locations participating in the process.

3 References

The following are links to further information on the topic.

3.1 VOLKSWAGEN GROUP

Current versions of guidelines an supporting documents for the implementation
[Electronic data interchange \(EDI\)](#)

3.2 Validation portal

Self-service validation for the validation of test message
[Log On -Volkswagen Validation.Portal](#)

3.3 VDA (Verband der Automobilindustrie)

[German Association of the Automotive Industry | VDA](#)

3.4 Odette International

[Resources | Odette](#)

3.5 UN/EDIFACT

[Introducing UN/EDIFACT | UNECE](#)

Changelog

SG	Se	No	DE	Date	Version	Description
				2024-12-19	2.0	Changed Klassifizierung: K-FIML/5 - Kl. 9.1 - 4 Jahre/Kopie - >K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years
Ship from SG2	NAD ⁰¹⁶	3039		2024-12-10	3.0	Remark geändert: old: Local supplier number as transmitted in the call-off. If the actual ship-from differs from the ship-from given in the call-off, here ist to be specify the supplier code of the actual ship-from. Did this ship-from not an own supplier code, the dummy value "N/ A" shall be used. new: The supplier number must be taken from the data of the delivery call-off. If the data of the ship-from differs from the data of the delivery call-off, the differing data must be transferred in the LOC+9 segment.
Beginning of message BGM ⁰⁰⁴		1004		2024-12-10	3.0	Remark ergänzt: old: Transport Order number assigned by the supplier new Reference assigned by the ship from party for this transport order. Must not be repeated within one year!
Shipping location/ Place of loading SG2	LOC ⁰¹⁷	3225		2024-12-09	3.0	Remark changed: old: In a standard case the Shipping location/ Place of loading shall be transmitted as Ship-from party in NAD+SF. If the actual Shipping location/ Place of loading is different it will be sent in LOC+9. In the DE 3225 the DUNS no. of the Shipping location/ Place of loading shall be transmitted. If no DUNS no. is available for this location a free reference assigned by the supplier may used. The forwarder must be informed about the references and the associated addresses. If NAD+SF and LOC+9 are different, LOC+9 shall be used as leading reference for the pick-up. new: Normally, the loading address should already be transmitted in the ship from segment, NAD+SF. If the actual loading address is different in exceptional cases, it must be sent in the LOC+9 segment DE 3224. The DUNS no. of the loading location should be transmitted as the ID in DE 3225. If no DUNS no. is available, a reference freely assigned by the r

SG	Se	No	DE	Date	Version	Description
						ship from must be specified. The references and the corresponding addresses must be communicated to the freight forwarder collecting the shipment. If NAD+SF and LOC+9 differ from each other, LOC+9 is the leading reference for the collection of the goods.
Pick up date requested			Date or time or period	2024-12-09	3.0	DESC changed: old: The date/tune on which the goods will be, or should be, shipped. new: The date and time/time window requested by the ship from for the freight forwarder to take over the shipment.
DTM 006	2380		text			
Pick up date requested				2024-12-09	3.0	Desc chanced: old: not available new: The date and time/time window requested by the ship from for the freight forwarder to take over the shipment.
DTM 006						
Freight forwarder's name and address				2024-11-28	3.0	Remark added: Please note! In addition to DEG C082, the complete structured address data must be transmitted in the message. If this data is missing, the message may be rejected in future.
SG2	NAD 027					
Place of discharge			Location identifier	2024-11-28	3.0	The value transferred here was formerly used as Place of Discharge LOC+7 by VW. Factually it is the place where the means of transport is unloaded. With this version of the VW Guideline the value and the qualifier are used correctly according to the VDA recommendation
SG2	LOC 022	3225				
ShipTo's name and address				2024-11-28	3.0	
SG2	NAD 021					
Ship from				2024-11-28	3.0	Remark added: Please note! In addition to DEG C082, the complete structured address data must be transmitted in the message. If this data is missing, the message may be rejected in future.
SG2	NAD 016					
Consignment reference number (old: SLB)			Reference identifier	2024-11-28	3.0	Description changed: olt: Unique reference number assigned to a shipment / tour / departure of a means of transport. Corresponds to the shipment number (RFF+CRN) of the VDA recommendation 4987. new: Corresponds to the shipment number (RFF+CRN) of VDA recommendation 4987. If this number is not yet known
SG1	RFF 014	1154				

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years
VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1
© VOLKSWAGEN Group 7 / 95 Print date: 10.01.2025

SG	Se	No	DE	Date	Version	Description
						Transport reference of the transport orderer
				2024-09-16	3.1	New Segment: MEA+AAE - Number of handling units in shipment
			MEA 011			
				2024-09-16	3.1	New Segment: MEA+LMT - Consignment's loading meters
			MEA 010			
				2024-09-16	3.1	New Segment: MEA+ACA+ACV - Total loading meter of the transport
			MEA 009			
				2024-09-16	3.1	New Segment: MEA+AAX+AAD - Consignment's gross weight
			MEA 008			
				2023-12-04	3.1	Added: LOC+60 Place of arrival
SG7	LOC	034				
				2023-12-04	3.1	Added: LOC+5 Place of departure
SG7	LOC	033				
				2023-12-04	3.1	Code changed GAVI30 -> GAVI31
			UNH 003 0057			
				2022-12-08	3.0	Changed remark: In connection with directory 20B and syntax version "X", only code GAVI30 or higher is allowed.
			UNH 003 0057			
				2022-11-04	3.0	Format an..10 -> an..20
SG1	RFF	013	1154			
				2022-10-20	3.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
			UNZ 073			
				2022-10-20	3.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
			UNT 072			
				2022-10-20	3.0	Code changed GAVI29-> GAVI30
			UNH 003 0057			
				2022-10-20	3.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
			UNH 003			
				2022-10-20	3.0	Format n6 -> n8 Added description: Attention: Difference to S3, 8 digits (including century)!
						Format CCYYMMDD
				2022-10-20	3.0	Deleted code 3. Added code X. Added description: To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here.
				2022-10-20	3.0	Added remark: Due to the change in ISO standard 9735, VDA-EDIFACT recommendations will be based on the EDIFACT Syntax 3 compliant profile of EDIFACT Syntax 4 (ISO 9735 Part 11) from 2021-12. The service segments (UNA, UNB, UNH, UNS, UNT, UNZ) were adapted accordingly. The user data segments were not changed.
				2022-10-20	3.0	Status O -> R

SG	Se	No	DE	Date	Version	Description
						Added description.
						UNA 001
Message header				2022-02-18	2.0	Directory change from 07A ==> 20B as of VDA 2.9
						UNH 003 0054
						20B
Shipping location/ Place of loading				2022-02-15	2.0	Deleted code: 16 - US, D&B (Dun & Bradstreet Corporation)
SG2	LOC	017	3055			91
Place of discharge				2022-02-01	2.0	Code 92 added
SG2	LOC	022	3055			92
Place of discharge				2022-02-01	2.0	Status C => N
SG2	LOC	022	1131			
Interchange header				2021-10-05	2.0	Added codes: UNOA, UNOD.
						UNB 002 0001
						UNOC
Transport movement type				2021-08-13	2.0	SG6 TMD segment added
SG6	TMD	032				
Transport information				2021-08-13	2.0	DEG C290 added
SG6	TDT	031				
Transport information				2021-08-13	2.0	DEG C003 added
SG6	TDT	031				
Message header				2021-05-21	2.0	GAVI25, GAVI27, GAVI28 deleted
						UNH 003 0057
				2021-03-02	2.0	SG22 LOC+11 deleted
SG22				2021-03-02	2.0	SG22 added
SG22				2021-03-02	2.0	Code GAVI29 added
Message header				2021-03-02	2.0	
						UNH 003 0057
						Association assigned code
Place of discharge				2021-01-25	2.0	LOC+7 Delivery point deleted. The actual unloading point (unloading location) is now transmitted in LOC+11
SG2	LOC	022				
				2020-06-15	1.9	New segment GIN+X01
Package identification, assigned by the logistics service provider						
SG16	GIN	058				
SG14				2020-06-15	1.9	SG-PCI new
Packaging aid				2020-06-04	1.9	Deleted: data element 7064#2 - VDA package code.
SG12	PAC	059				
Inner packaging items				2020-06-04	1.9	Deleted: data element 7064#2 - VDA package code.
SG12	PAC	050				
Auxiliary packaging				2020-06-04	1.9	Deleted: data element 7064#2 - VDA package code.
SG12	PAC	048				
Handling unit group details				2020-06-04	1.9	Deleted: data element 7064#2 - VDA package code.
SG12	PAC	038				
Net explosive mass				2020-04-28	1.9	New segment MEA+PD-AFN - Net explosive mass
SG19	MEA	062				
Message header				2020-04-28	1.9	GAVI25 --> GAVI27
						UNH 003 0057
						Association assigned code
Package identification, assigned by the logistics service provider				2020-03-03	1.9	New segment GIN+X01 - Package identification, assigned by the logistics service provider
SG16	GIN	044				
Packaging aid				2020-02-11	1.9	Format an..17 --> an..7
SG12	PAC	059	7065			
						Package type description code
						41DE
Inner packaging items				2020-02-11	1.9	Format an..17 --> an..7
SG12	PAC	050	7065			
						Package type description code

SG	Se	No	DE	Date	Version	Description
4314C						
Auxiliary packaging						Package type description code
SG12	PAC	048	7065	2020-02-11	1.9	Format an..17 --> an..7
4TP						
Beginning of message						Version identifier
BGM	004	1056		2019-09-13	1.9	DE 1056 Version number added
Transport reference of ship-from						Application reference number
SG1	RFF	013	1154	2019-08-02	1.9	Format an..20 => an..10
Transport reference of ship-from						Application reference number
SG1	RFF	013	1154	2019-08-02	1.9	Remark deleted: It must be formed according to the following rule. Code + reference to consignor (NAD+SF 3039) + reference assigned by consignor. Example AGK0000261200XYZ.
Maximum stackability for transport purposes						
SG12	MEA	056		2019-05-28	1.8	MEA+ABU - Stackability for transport purposes added
Inner packaging items						
SG12	PAC	050		2019-05-28	1.8	Deleted: QTY+171 - Maximum stackability
Beginning of message						Code list responsible agency code
BGM	004	3055		2019-05-28	1.8	Deleted.
Message header						Association assigned code
UNH	003	0057		2019-05-28	1.8	GAVI22, GAVI23 deleted.
Maximum stackability for transport purposes						
SG12	MEA	042		2019-05-24	1.8	Remark added: Mandatory entry for alternative packaging. Not relevant for intermediate layers = CPS+++2.
In cases where VW has not communicated the stacking factor to the supplier, the supplier should specify the stacking factor himself. If the supplier does not know it, the MEA+ABU will not be transferred.						
Handling unit group details						
SG12	PAC	038		2019-05-24	1.8	Deleted: QTY+171 - Maximum stackability
Beginning of message						Document name
BGM	004	1000		2019-05-24	1.8	Code KEP added.
Message header						Association assigned code
UNH	003	0057		2019-05-24	1.8	GAVI25 added.
Estimated arrival date						Date or time or period text
DTM	007	2380		2019-02-22	1.8	Remark in terms of the transmission of time added
Message header						Association assigned code
UNH	003	0057		2018-10-29	1.8	GAVI23 added
Delivery instruction / schedule reference						Reference identifier
SG20	RFF	065	1154	2018-10-22	1.8	Status R --> Status O Deleted: This element has to be used, if the actual delivery instruction is referenced. Dispatch call-off number Digits 1 – 6 = VAB no. Digits 7 – 8 = version number
Transport reference of ship-from						Reference code qualifier
SG1	RFF	013	1153	2018-09-14	1.8	Code AGK added
Beginning of message						Document name
BGM	004	1000		2018-09-14	1.8	Codes LTL and FTL added

SG	Se	No	DE	Date	Version	Description
				2018-09-13	1.8	MEA+ABU Stackability for transport purposes added
SG12	MEA	042				
				2018-04-23	1.8	DE 1156 deleted.
SG20	RFF	067				
			Reference identifier	2018-04-20	1.8	New format an..12 equal to VDA 4987
SG20	RFF	067	1154			
			Shipping location/ Place of loading	2018-04-16	1.8	Example correted
SG2	LOC	017	3224			
			Access number at pick-up	2018-03-05	1.8	Format old = an..35, format new = an..70
SG1	RFF	015	1154			
			Access number at pick-up for goods collection	2018-02-16	1.8	SG1, RFF+AKI
SG20				2018-01-18	1.7	Name of segment group 18 according to VDA recommendation changed. Old = NLK despatch call-off number
			Pick up date requested	2017-12-14	1.7	Code 11 --> 10, according a change in the original VDA recommendation
			DTM 006 2005			
			Date or time or period function code qualifier			10
			Height	2017-11-10	1.6	Code "CMT" replaced by "MMT" (Error of VDA-Version 2.1)
SG12	MEA	055	6411			
			Measurement unit code			MMT
			Width	2017-11-10	1.6	Code "CMT" replaced by "MMT" (Error of VDA-Version 2.1)
SG12	MEA	054	6411			
			Measurement unit code			MMT
			Length	2017-11-10	1.6	Code "CMT" replaced by "MMT" (Error of VDA-Version 2.1)
SG12	MEA	053	6411			
			Measurement unit code			MMT
SG1				2017-11-02	1.6	Status R => O
			Beginning of message	2017-11-02	1.6	Remark added: Transport Order number assigned by the supplier
			BGM 004 1004			
			Dangerous goods	2017-10-16	1.5	New data element group C223.
SG21	DGS	068				
SG9				2017-10-16	1.5	MaxRep 1 --> 10.
			Access number at pick-up	2017-10-16	1.5	Segment added: RFF+ABE
SG1	RFF	015				
			Message header	2017-10-16	1.5	Segment deleted: RFF+AAS
			UNH 003			
			Handling unit group details	2017-08-17	1.5	Format n..6 --> Format n..3 Harmonisation with VDA 4987 Guideline
SG12	PAC	038	7224			
			Package quantity			
			Ultimate customers's name and address	2017-08-17	1.5	Format an..35 --> an10 Harmonisation with VDA 4987
SG2	NAD	029	3039			
			Party identifier			
			Interchange header	2017-08-17	1.5	Code deleted: 2
			Syntax version number			
			UNB 002 0002			X
			Handling instructions	2017-08-08	1.5	Code 141 deleted.
SG9	HAN	036	4079			
			Codelist to special transport conditions			101
			Interchange header	2017-08-08	1.5	Remark deleted: When a "relay scenario" is used (the message is transmitted from the transmitter P1 to a final receiver P3 via an intermediate receiver P2), the DUNS number of the final receiver P3 must be specified here for the first transmission section (P1 -> P2).
			Routing address			
			UNB 002 0014			

SG	Se	No	DE	Date	Version	Description
						P1 -> send to -> P2 -> forward to -> P3.
Interchange header			Routing address	2017-08-08	1.5	New remark: Volkswagen always uses this message in the "Relay scenario". The supplier (P1) sends the transport notification to Volkswagen (P2) and Volkswagen forward the transport notification to the forwarder, the final recipient of the message (P3). This forwarder should always be identified with his DUNS number.
	UNB	002 0014				
Interchange header			Routing address	2017-08-08	1.5	Format an..14 --> n9
	UNB	002 0014				
Interchange header			Routing address	2017-08-08	1.5	Status O --> R
	UNB	002 0014				
Handling instructions				2017-03-21	1.4	HAN added.
SG9	HAN	036				
Equipment details				2017-03-21	1.4	EQD added.
SG8	EQD	035				
Message header			Association assigned code	2017-03-21	1.4	GAVI20 --> GAVI22
	UNH	003 0057				
Interchange header			Routing address	2017-03-21	1.4	Deleted:
	UNB	002 0014				
						DISCOVERY
						System reference
						DISCOVERY indicates the transport notifications that are generated by the "DISCOVERY" system and sent directly to the carrier by Volkswagen.
						Address of an application or internal system at the recipient.
Interchange header			Routing address	2017-03-21	1.4	Added:
	UNB	002 0014				
						When a "relay scenario" is used (the message is transmitted from the transmitter P1 to a final receiver P3 via an intermediate receiver P2), the DUNS number of the final receiver P3 must be specified for the first transmission section (P1 -> P2). P1 -> send to -> P2 -> forward to -> P3.
Freight forwarder's name and address				2016-09-30	1.3	Deleted: In most cases it will be sufficient to use C082 for identification of invoicee. If not, either C058 (unstructured address) or C080 and following data elements should be used (structured address). The preferred version is the structured address.
SG2	NAD	027				
Reference				2016-09-30	1.3	Deleted: This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number.
SG3	RFF	026				
Shipping location/ Place of loading				2016-09-30	1.3	Description added: Location from where the goods are

SG	Se	No	DE	Date	Version	Description
SG2	LOC	017				loaded for transport.
SG3				2016-07-01	1.2	Status O --> R
	Shipping location/ Place of loading			2016-06-30	1.3	Status R --> O
SG2	LOC	017				
	Ship from		Local supplier code	2016-06-30	1.2	Remark added: Local supplier number as transmitted in the call-off. If the actual ship-from differs from the ship-from given in the call-off, here ist to be specify the supplier code of the actual ship-from. Did this ship-from not an own supplier code, the dummy value "N/A" shall be used.
SG2	NAD	016	3039			
	Pick up date requested		Date or time or period text	2016-06-07	1.2	an..25 --> an..24
	DTM	006	2380			
	Seller's name and address		Party identifier	2016-06-06	1.2	Format an..35 --> an..10
SG2	NAD	025	3039			
	Seller's name and address			2016-06-06	1.2	NAD+SE added.
SG2	NAD	025				
	Shipping location/ Place of loading		Location name	2016-06-06	1.2	Description added
SG2	LOC	017	3224			
	Shipping location/ Place of loading		Location identifier	2016-06-06	1.2	Description added
SG2	LOC	017	3225			
	Shipping location/ Place of loading			2016-06-06	1.2	Status O --> R
SG2	LOC	017				
	Beginning of message		Document identifier	2016-06-06	1.2	Format n..8 --> an..35
	BGM	004	1004			
	Shipping location/ Place of loading		Location name	2016-06-06	1.2	NAD+SE added.
				2016-06--06	1.2	Status O --> R
SG2	LOC	017	3224			
SG20				2016-05-06	1.1	Remark deleted: The NLK despatch call-off number is used only for NLK despatch call-offs (BGM 1000 = VAB-NLK).
	Ultimate customers's name and address			2016-05-06	1.1	Remark deleted: Mandatory for genuine parts special processes (BGM 1000 = VAB-DDP).
SG2	NAD	029				
	Beginning of message			2016-05-06	1.1	Process indicator (BGM 1000) deleted.
	BGM	004				
	Pick up date requested		Date or time or period text	2016-04-29	1.1	an..12 --> an..25
	DTM	006	2380			
SG12				2016-04-26	1.1	MaxRep 9999 --> 1
SG12				2016-04-26	1.1	MaxRep 9999 --> 1

Legend

Format

- a..9 alphabetic, variable length, 1 to 9 characters
- n..9 numeric, variable length, 1 to 9 digits, without leading zeros
- an..9 alphanumeric, variable length, 1 to 9 characters, without following spaces
- a9 alphabetic, fixed length, 9 characters
- n9 numeric, fixed length, 9 digits, with leading zeros if applicable
- an9 alphanumeric fixed length, 9 characters, with following spaces if applicable

EDIFACT-Status

- M Mandatory
- C Conditional

VW-Status

- R Required
- O Optional
- D Depending
- A Advised
- N Not used

M and R mean in both cases „Mandatory“.

C and O mean in both cases „Conditional“.

D means a conditional „Mandatory“. It has to be transmitted depending on another information within the message.

Message type

Tag	No	St	MaxOcc	Name
UNA	1	R	1	Service string advice UNA:+. ? ' '
UNB	2	M	1	Interchange header UNB+UNOC:X+OD012345:59:123+987654321:1:987654321+20221005:1446+144659+++++1 ' '
UNH	3	M	1	Message header UNH+9+DESADV:D:20B:UN:GAVI31 ' '
BGM	4	M	1	Beginning of message BGM+343:::LTL+12345678:1+9 ' '
DTM	5	R	1	Despatch advice date DTM+137:201411100000:203 ' '
DTM	6	R	1	Pick up date requested DTM+10:202411121000202411121200:719 ' '
DTM	7	R	1	Estimated arrival date DTM+132:201505092015:203 ' '
MEA	8	O	1	Consignment's gross weight MEA+AAX+AAD+KGM:9 ' '
MEA	9	O	1	Total loading meter of the transport MEA+ACA+ACV+KGM:9 ' '
MEA	10	O	1	Consignment's loading meters MEA+LMT++MTR:9 ' '
MEA	11	O	1	Number of handling units in shipment MEA+AAE++C62:9 ' '
SG1		O	1	Unique identifier of a customs declaration - ATLAS Movement Reference Number (MRN)
RFF	12	M	1	ATLAS Movement Reference Number (MRN) RFF+ABT:CUSTOMS123XQZ ' '
SG1		D	1	Transport reference of the transport orderer
RFF	13	M	1	Transport reference of ship-from RFF+AGK:34565433 ' '
SG1		O	1	Consignment reference number (old: SLB)
RFF	14	M	1	Consignment reference number (old: SLB) RFF+CRN:1234567832 ' '
SG1		O	1	Access number at pick-up
RFF	15	M	1	Access number at pick-up RFF+ABE:34565434:X ' '
SG2		R	1	Ship from
NAD	16	M	1	Ship from

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

15 / 95

Print date: 10.01.2025

Tag	No	St	MaxOcc	Name
				NAD+SF+0000261200::92++Ship-From Name 2:X+Ship-from Street:X+Ship From City++98765+DE'
LOC	17	O	1	Shipping location/ Place of loading LOC+9+AWB::91:Distribution Center North;;Hafenstraße 1;;Hamburg;;44400;DE'
SG3		R	1	Additional Party ID (DUNS)
RFF	18	M	1	Reference RFF+ANK: 987654321'
SG4		O	1	Shipping contact details
CTA	19	M	1	Shipping contact details CTA+EX+:Versanddisponent'
COM	20	R	3	Communication contact COM+?+49172987654321:TE'
SG2		R	1	Ship to
NAD	21	M	1	ShipTo's name and address NAD+ST+21::92++Audi AG:X+Warenempfängerstraße 1:X+Ingolstadt++85000+DE'
LOC	22	R	1	Place of discharge LOC+11+H73::92:Halle 73'
LOC	23	O	1	Place of transshipment LOC+13+12345'
SG2		O	1	Buyer
NAD	24	M	1	Buyer's name and address NAD+BY+Audi::92'
SG2		R	1	Seller / Supplier
NAD	25	M	1	Seller's name and address NAD+SE+0000261200::92++Warenversender AG:X+Warenversenderstraße 1:X+Warenversenderhausen++98765+DE'
SG3		R	1	Additional Party ID (DUNS)
RFF	26	M	1	Reference RFF+ANK: 987654321'
SG2		R	1	Freight forwarder
NAD	27	M	1	Freight forwarder's name and address NAD+FW+0021234567::92++Spedition Schnellecke:Spediteurname2+X+X+X+AD'
SG3		R	1	Additional Party ID (DUNS)
RFF	28	M	1	Reference RFF+ANK: 123456789'
SG2		O	1	Ultimate Customer Party
NAD	29	M	1	Ultimate customers's name and address

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

16 / 95

Print date: 10.01.2025

Tag	No	St	MaxOcc	Name
NAD+UD+Identifier::92++Name1:Name2+Street1:Street2+City++12345+DE'				
SG2	O	1	1	Transport ordering party
NAD	30	M	1	Name and address
NAD+OY+987654321::16++Autoteile Zulieferer GmbH:X+X:X+X++X+AD'				
SG6	R	1	1	Means of transport
TDT	31	M	1	Transport information
TDT+12+12345+30++++ZZZ:X:X++++X::91'				
TMD	32	O	1	Transport movement type
TMD+X01+1'				
SG7	O	1	1	Place of departure
LOC	33	M	1	Current place of departure
LOC+5+949949494::16:XDock Company A;;Xdockstrasse 1;;City 1;;89499;DE'				
SG7	O	1	1	Place of arrival
LOC	34	M	1	Current place of arrival
LOC+60+969969696::16:XDock Company B;;Xdockstrasse 3;;City 3;;30499;DE+:::X'				
SG8	O	1	1	Information for the freight forwarder
EQD	35	M	1	Equipment details
EQD+X01'				
SG9	R	10	10	Information for the freight forwarder
HAN	36	M	1	Handling instructions
HAN+101::10:COL'				
SG11	O	9999	9999	Despatch control line / List of handling unit groups
CPS	37	M	1	Consignment packing sequence
CPS+9++3'				
SG12	R	1	1	Handling unit group details
PAC	38	M	1	Handling unit group details
PAC+1+:35+0000PAL::92+X:0000PAL:SA'				
MEA	39	O	1	Length
MEA+AAZ+LN+MMT:1200'				
MEA	40	O	1	Width
MEA+AAZ+WD+MMT:800'				
MEA	41	O	1	Height
MEA+AAZ+HT+MMT:700'				
MEA	42	O	1	Maximum stackability for transport purposes
MEA+ABU++C62:9'				
SG14	R	1000	1000	List of individual handling units

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

17 / 95

Print date: 10.01.2025

Tag	No	St	MaxOcc	Name
PCI	43	M	1	Handling unit label type PCI+17+++6J: : 5 '
SG16		O	1	Package identification, assigned by the logistics service provider
GIN	44	M	1	Package identification, assigned by the logistics service provider GIN+X01+54321 '
SG17		R	1	Individual handling unit's weights
COD	45	M	1	Trigger segment COD+NO '
MEA	46	D	1	Gross weight MEA+AAZ+AAB+KGM: 50 '
MEA	47	D	1	Net weight of the loading unit MEA+AAZ+AAA+KGM: 9 '
SG12		O	9999	Auxiliary packaging
PAC	48	M	1	Auxiliary packaging PAC+1+: 37+4TP: : 92+X: 4TP: SA '
SG11		R	9999	Despatch control line / group of inner packaging items and article line
CPS	49	M	1	Consignment packing sequence CPS+2++1 '
SG12		R	1	Packaging material group inner packaging material
PAC	50	M	1	Inner packaging items PAC+9+: 35+4314C: : 92+X: 4314C: SA '
MEA	51	D	1	Gross weight MEA+AAZ+G+KGM: 9 '
MEA	52	D	1	Net weight MEA+AAZ+AAL+KGM: 9 '
MEA	53	O	1	Length MEA+AAZ+LN+MMT: 600 '
MEA	54	O	1	Width MEA+AAZ+WD+MMT: 400 '
MEA	55	O	1	Height MEA+AAZ+HT+MMT: 350 '
MEA	56	O	1	Maximum stackability for transport purposes MEA+ABU++C62: 9 '
SG14		O	1000	Individual packaging item
PCI	57	M	1	Package identification PCI+17 '
SG16		R	1	Package identification, assigned by the logistics service provider
GIN	58	M	1	Package identification, assigned by the logistics service provider GIN+X01+54321+54323+54322+54330+54342 '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

18 / 95

Print date: 10.01.2025

Tag	No	St	MaxOcc	Name
SG12	O		9999	Packaging aid
PAC	59	M	1	Packaging aid PAC+9+:37+41DE::92+X:41DE:SA'
SG19	R		9999	Article and Despatched Article
LIN	60	M	1	Line item LIN+++X:IN'
MEA	61	D	1	Measurements MEA+TE++CEL::1:10'
MEA	62	O	1	Net explosive mass MEA+PD+AFN+KGM:9'
QTY	63	R	1	Despatched quantity QTY+12:9:PCE'
ALI	64	O	1	Country of origin, duty regime and nature of transaction ALI+DE++Y'
SG20	O		1	Delivery instruction / schedule reference and item related contact information
RFF	65	M	1	Delivery instruction / schedule reference RFF+AAN:12345578'
CTA	66	O	1	Dispatcher at customer's site who has issued the order / delivery instruction. CTA+SC+?+49 30 8978 42123:Helga Müller'
SG20	R		1	Order reference
RFF	67	M	1	Order reference RFF+ON:BestellungID'
SG21	O		1	Dangerous goods information
DGS	68	M	1	Dangerous goods DGS+ADR++1263+500:CEL'
FTX	69	O	1	Dangerous goods description FTX+AAD+++X:X+aa'
FTX	70	O	1	Information about exception regulation FTX+HAZ+++X:X+aa'
SG22	R		1	Internal place of destination
LOC	71	M	1	Internal place of destination LOC+7+12345::92'
UNT	72	M	1	Message trailer UNT+73+9'
UNZ	73	M	1	Interchange trailer UNZ+1+144659'

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

19 / 95

Print date: 10.01.2025

Segment details

UNA

No 1
Status R
MaxOcc 1

Service string advice

	St	Format	Usage	Example
UNA				UNA
UNA1	M	an1	Component data element separator : Colon	:
UNA2	M	an1	Data element separator + Plus sign	+
UNA3	M	an1	Decimal notation . Decimal point full stop	.
UNA4	M	an1	Release indicator ? Question mark	?
UNA5	M	an1	Reserved for future use Blank	
UNA6	M	an1	Segment terminator ' Apostrophe	'

Comment: The use of UNA is strongly recommended and UNA5 must be blank.

Example: **UNA** : + . ? '

UNBNo 2
Status M
MaxOcc 1**Interchange header**

	St	Format	Usage	Example
UNB				UNB
S001	M		Syntax identifier	
0001	M	a4	Syntax identifier UNOA UN/ECE level A UNOB UN/ECE level B UNOC UN/ECE level C UNOD UN/ECE level D	+UNOC
0002	M	an1	Syntax version number To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here. X Syntax version 4 ISO 9735-11 profile.	:X
S002	M		Interchange sender	
0004	M	an..35	Sender identification Unique ID of the sender in the used data transmission network or system. The following rule applies: when shipped by the supplier, the sender identification of the dispatching supplier is to be entered here. When forwarded by Volkswagen to the carrier, the sender identification of Volkswagen is entered, even if the message remains unchanged.	+OD012345
0007	O	an..4	Partner identification code qualifier	:59
0008	O	an..14	Address for reverse routing Address of an application or internal system at the sender to where the response messages should be forwarded.	:123
S003	M		Interchange recipient	
0010	M	an..35	Recipient identification Unique ID of the recipient in the used data transmission network or system.	+987654321
0007	O	an..4	Partner identification code qualifier	:1
0014	R	n9	Routing address Volkswagen always uses this message in the "Relay scenario". The supplier (P1) sends the transport notification to Volkswagen (P2) and Volkswagen forward the transport notification to the forwarder, the final recipient of the message (P3). This forwarder should always be identified with his DUNS number.	:987654321
S004	M		Date/time of preparation	
0017	M	n8	Date of preparation Attention: Difference to S3, 8 digits (including century)! Format CCYYMMDD	+20221005
0019	M	n4	Time of preparation Format HHMM	:1446
0020	M	an..14	Interchange control reference Unique ID of an interchange.	+144659
S005	N			
0022	N		Not used	+
0026	N		Not used	+
0029	N		Not used	+
0031	N		Not used	+
0032	N		Not used	+

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

21 / 95

Print date: 10.01.2025

	St	Format	Usage	Example
0035	O	n1	Test indicator 1 Interchange is a test Only to be used if the interchange is for test purposes. Omit this data element for valid interchanges.	+1 '

Comment: Due to the change in ISO standard 9735, VDA-EDIFACT recommendations will be based on the EDIFACT Syntax 3 compliant profile of EDIFACT Syntax 4 (ISO 9735 Part 11) from 2021-12. The service segments (UNA, UNB, UNH, UNS, UNT, UNZ) were adapted accordingly. The user data segments were not changed.

Example: UNB+UNOC:X+OD012345:59:123+987654321:1:987654321+20221005:1446+144659++++++1 '

UNHNo 3
Status M
MaxOcc 1**Message header**

	St	Format	Usage	Example
UNH				UNH
0062	M	an..14	Message reference number Message reference number	+9
S009	M		Message identifier	
0065	M	an..6	Message type DESADV Despatch advice message	+DESADV
0052	M	an..3	Message version number D Draft version/UN/EDIFACT Directory	:D
0054	M	an..3	Message release number 20B Release 2020 - B	:20B
0051	M	an..2	Controlling agency UN UN/CEFACT	:UN
0057	R	an..6	Association assigned code In connection with directory 20B and syntax version "X", only code GAVI30 or higher is allowed. GAVI31 VDA DESADV - Transport order V3.1 Identification of the subset release, assigned by the responsible organisation (Odette).	:GAVI31 '

Comment:**Example:** **UNH+9+DESADV:D:20B:UN:GAVI31 '**

BGM

No 4
Status M
MaxOcc 1

Beginning of message

	St	Format	Usage	Example
BGM				BGM
C002	R		Document/message name	
1001	R	an..3	Document name code 345 Ready for despatch advice 343 Cartage order (local transport) In a normal case the code 343 shall be transmitted. Due to an older version of this guideline the 345 remains, however it shall not be used any longer.	+343
1131	N		Not used	:
3055	N		Not used	:
1000	R	an..35	Document name LTL Less than truck load FTL Full truck load = One truck KEP Parcel Service If the process indicator is FTL, SG1-RFF+AGK must be transmitted.	: LTL
C106	R		Document/message identification	
1004	R	an..35	Document identifier Unique identifier of a document. Reference assigned by the ship from party for this transport order. Must not be repeated within one year!	+12345678
1056	O	n..3	Version identifier May be used to distinguish several versions of the message (e.g. subsequent cancellation)	: 1
1225	O	an..3	Message function code The process only allows for the one-off sending of the message on the day prior to pick-up. As a rule, this should be carried out by 12:00. If changes are required after the notification, these are to be clarified between the supplier and carrier outside the VDA 4933. 9 Original	+9 '

Comment:**Example:** `BGM+343:::LTL+12345678:1+9'`

DTMNo 5
Status R
MaxOcc 1**Despatch advice date**

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 137 Document issue date time	+137
2380	R	an..12	Date or time or period text Date, on which a document or business signal was issued.	:201411100000
2379	R	an..3	Date or time or period format code 203 CCYYMMDDHHMM	:203 '

Comment:**Example:** **DTM+137:201411100000:203 '**

DTM

No 6
Status R
MaxOcc 1

Pick up date requested

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 10 Shipment date/time, requested	+10
2380	R	an..24	Date or time or period text The date and time/time window requested by the ship from for the freight forwarder to take over the shipment.	: 2024111210002 02411121200
2379	R	an..3	Date or time or period format code 203 CCYYMMDDHHMM 719 CCYYMMDDHHMM-CCYYMMDDHHMM	:719'

Comment: Das vom Warenversender geforderde Datum und Zeit/-fenster für die Übernahme der Sendung durch den Spediteur

Example: **DTM+10:202411121000202411121200:719'**

DTM

No 7
Status R
MaxOcc 1

Estimated arrival date

	St	Format	Usage	Example
DTM				DTM
C507	M		Date/time/period	
2005	M	an..3	Date or time or period function code qualifier 132 Transport means arrival date time, estimated	+132
2380	R	an..12	Date or time or period text The expected arrival data of the shipment estimated by the sender. In processes, in which the call-off contains a delivery date with time, the estimated arrival has to be sent with a time, too. This affects e.g. daily call-offs which are sent by the brand Porsche.	:201505092015
2379	O	an..3	Date or time or period format code 102 CCYYMMDD 203 CCYYMMDDHHMM	:203 '

Comment: The arrival date at the recipient estimated by the supplier is only informative. It is not binding for the freight forwarder. The binding date of arrival at the consignee for the freight forwarder results from the actual shipping date + days from the maturity table Volkswagen.

Example: **DTM+132:201505092015:203 '**

MEA	No	8	Consignment's gross weight	
	Status	O		
	MaxOcc	1		
	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAX Consignment measurement	+AAX
C502	R		Measurement details	
6313	R	an..3	Measured attribute code AAD Consignment gross weight	+AAD
C174	R		Value/range	
6411	R	an..8	Measurement unit code KGM kilogram	+KGM
6314	R	n..12	Measure Gross weight - weight (mass) without carrier's equipment	: 9 '

Comment:

Example: **MEA+AAX+AAD+KGM : 9 '**

MEA
 No 9
 Status O
 MaxOcc 1
Total loading meter of the transport

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier ACA Space occupied	+ACA
C502	R		Measurement details	
6313	R	an..3	Measured attribute code ACV Loading meters	+ACV
C174	R		Value/range	
6411	R	an..8	Measurement unit code KGM kilogram	+KGM
6314	R	an..18	Total loading meter of the transport	: 9 '

Comment:**Example:** **MEA+ACA+ACV+KGM: 9 '**

MEA

No 10
Status O
MaxOcc 1

Consignment's loading meters

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier LMT Loading meters	+LMT
C502	N			
6313	N		Not used	+
C174	R		Value/range	
6411	R	an..8	Measurement unit code MTR - meter is recommended MTR metre Code specifying the unit of measurement.	+MTR
6314	R	n..12	Measure Loading meters	: 9 '

Comment: The length in a vehicle used or usable for the transport of goods, whereby the complete width and height over that length is needed for the goods.

Example: **MEA+LMT++MTR: 9 '**

MEA

No 11
Status O
MaxOcc 1

Number of handling units in shipment

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAE Measurement	+AAE
C502	N			
6313	N		Not used	+
C174	R		Value/range	
6411	R	an..8	Measurement unit code C62 one PCE piece	+C62
6314	R	n..12	Measure Actual number of handling units in shipment	: 9 '

Comment:

Example: **MEA+AAE++C62 : 9 '**

SG1	Status O MaxOcc 1	Unique identifier of a customs declaration - ATLAS Movement Reference Number (MRN)
RFF	No 12 Status M MaxOcc 1	ATLAS Movement Reference Number (MRN)

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier ABT Goods declaration document identifier, Customs	+ABT
1154	R	an..70	Reference identifier ABT: Movement reference number (MRN) assigned by the sytem of the customs administration (ATLAS in Germany) in case of export out of the EU	: CUSTOMS123XQZ '

Comment:

Example: **RFF+ABT:CUSTOMS123XQZ '**

SG1	Status D MaxOcc 1	Transport reference of the transport orderer
RFF	No 13 Status M MaxOcc 1	Transport reference of ship-from

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier AGK Application reference number	+AGK
1154	R	an..20	Application reference number This reference is used by the ship-from to specify which transport orders are to be picked up with the same means of transport. The AGK reference must be unique for each ship from and must not be repeated.	: 34565433 '

Comment: The segment group with RFF+AGK must always be sent if several shipments are to be loaded on the same means of transport, e.g. a truck. In this case, DE 1000 FTL must be transmitted as the process indicator in BGM.

Example: **RFF+AGK : 34565433 '**

SG1	Status MaxOcc	O 1	Consignment reference number (old: SLB)
RFF	No Status MaxOcc	14 M 1	Consignment reference number (old: SLB)

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier CRN Transport means journey identifier	+CRN
1154	R	an..8	Reference identifier Unique reference for a shipment. A shipment is the entirety of the material that is loaded into the same means of transport from a loading point of a ship from party to a place of discharge of a ship to party. A repetition within a year is not permitted. Corresponds to the shipment number (RFF+CRN) of VDA recommendation 4987. If this number is not yet known at the time of the transport order, the segment must not be transmitted.	:1234567832 '

Comment:

Example: **RFF+CRN:1234567832 '**

SG1	Status	O	Access number at pick-up
	MaxOcc	1	
RFF	No	15	Access number at pick-up
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	R	an..3	Reference code qualifier	+ABE
			ABE Declarant's reference number	
1154	R	an..70	Access number at pick-up for goods collection	: 34565434
1156	O	an..6	Document line identifier	: X '
			Line number	

Comment: The number assigned by the supplier that the driver must specify to be able to pick up the goods. Usually the ID of a yard management system at the ship from premises, for Volkswagen Group locations e.g. the journey ID from LKWControlX

Example: **RFF+ABE : 34565434 : X '**

SG2	Status R MaxOcc 1	Ship from
NAD	No 16 Status M MaxOcc 1	Ship from

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	Party function code qualifier SF Ship from	+SF
C082	R		Party identification details	
3039	R	an..10	Local supplier code The supplier number must be taken from the data of the delivery call-off. If the data of the ship-from differs from the data of the delivery call-off, the differing data must be transferred in the LOC+9 segment. Unique identifier of the business partner (customer number, supplier number DUNS or similar)	+0000261200
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	: 92
C058	N			
3124	M	an..35	Name and address description	+Ship From Name 1
C080	R		Party name	
3036	M	an..35	Party name Single text line for specification of a name	+Ship-From Name 2
3036	O	an..35	Party name see 3036 # 1	:X
C059	R		Street	
3042	M	an..35	Street and number or post office box identifier The name that identifies the location of a house or building: usually within a street as part of an address.	+Ship-from Street
3042	O	an..35	Street and number or post office box identifier see 3042 # 1	:X
3164	R	an..35	City name The name of the city, town, or village of this address.	+Ship From City
C819	O		Country subdivision details	
3229	R	an..9	Country subdivision identifier State or region within a country. The use of UN LoCodes is recommended.	+
3251	R	an..17	Postal identification code An identifier for one or more properties of the address data corresponding to the postal system used in the country. The postcode is a group of letters and / or numbers that are added to the address in order to make sorting the mail easier.	+98765
3207	R	a2	Country identifier See the separate documentation for the usable codes. Provides the country part of an address using a code. Country coded according to ISO 3166-1	+DE '

Comment: Please note! In addition to DEG C082, the complete structured address data must be transmitted in the message. If this data is missing, the message may be rejected in future.
Goods shipper: The business partner that physically sends the goods or provides pick-up.

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

36 / 95

Print date: 10.01.2025

Example: `NAD+SF+0000261200::92++Ship-From Name 2:X+Ship-from Street:X+Ship
From City++98765+DE'`

SG2	Status R MaxOcc 1	Ship from
LOC	No 17 Status O MaxOcc 1	Shipping location/ Place of loading

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 9 Place of loading	+9
C517	R		Location identification	
3225	R	an..17	Location identifier Normally, the loading address should already be transmitted in the ship from segment, NAD+SF. If the actual loading address is different in exceptional cases, it must be sent in the LOC+9 segment DE 3224. The DUNS no. of the loading location should be transmitted as the ID in DE 3225. If no DUNS no. is available, a reference freely assigned by the r ship from must be specified. The references and the corresponding addresses must be communicated to the freight forwarder collecting the shipment. If NAD+SF and LOC+9 differ from each other, LOC+9 is the leading reference for the pick up of the goods. Identifier / code specifying the name of a location.	+AWB
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 91 Assigned by seller or seller's agent	:91
3224	R	an..256	Location name Complete address of location, separated by semicolon. The following scheme has to be accomplished. Name1;Name2;Street1;Street2;City;Federal state;ZIP;Contry (Use ISO3166 two digit alpha code) Name1 = an..35 Name2 = an..35 Street1 = an..35 Street2 = an..35 City = an..35 Federal state = an..9 ZIP =an..17 Contry = a2 Name of place/location, other than city name.	:Distribution Center North;;Hafenstraße 1;;Hamburg;;44400;DE'

Comment: Location from where the goods are loaded for transport.

Example: LOC+9+AWB::91:Distribution Center North;;Hafenstraße 1;;Hamburg;;44400;DE'

SG2	Status R MaxOcc 1	Ship from
SG3	Status R MaxOcc 1	Additional Party ID (DUNS)
RFF	No 18 Status M MaxOcc 1	Reference

St	Format	Usage	Example
RFF			RFF
C506	M	Reference	
1153	M an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R n9	Reference identifier DUNS number	: 987654321 '

Comment:

Example: **RFF+ANK: 987654321 '**

SG2	Status R MaxOcc 1	Ship from
SG4	Status O MaxOcc 1	Shipping contact details
CTA	No 19 Status M MaxOcc 1	Shipping contact details

	St	Format	Usage	Example
CTA				CTA
3139	R	an..3	Contact function code EX Expeditor	+EX
C056	R		Contact details	
3413	O	an..17	Contact identifier Department or personal ID for contacts	+
3412	O	an..256	Contact name Name of the contact person or department	: Versanddispon ent '

Comment: Details of the shipping contact person or department together with the information on how they can be contacted.

Example: **CTA+EX+:Versanddisponent '**

SG2	Status R MaxOcc 1	Ship from
SG4	Status O MaxOcc 1	Shipping contact details
COM	No 20 Status R MaxOcc 3	Communication contact

St	Format	Usage	Example
COM			COM
C076	M	Communication contact	
3148	M an..512	Communication address identifier The type of communication connection is specified in DE 3155 The number or virtual 'address' of a telephone in a telecommunication system The number or virtual 'address' of a telephone in an organisation's internal telecommunication system The number or virtual 'address' of a facsimile in a telecommunication system The number or virtual 'address' of an e-mail mailbox in the internet or other network. Within a given facility a detailed department mail delivery location.	++49172987654321
3155	M an..3	Communication means type code EM Electronic mail FX Telefax TE Telephone	:TE '

Comment:

Example: COM++49172987654321:TE '

SG2	Status R MaxOcc 1	Ship to
NAD	No 21 Status M MaxOcc 1	ShipTo's name and address

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	Party function code qualifier ST Ship to	+ST
C082	R		Party identification details	
3039	M	an..20	Party identifier Party or Plant ID.	+21
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	: 92
C058	N			
3124	N		Not used	+
C080	R		Party name	
3036	M	an..35	Party name Single text line for specification of a name	+Audi AG
3036	O	an..35	Party name Single text line for specification of a name	:X
C059	R		Street	
3042	M	an..35	Street and number or post office box identifier The name that identifies the location of a house or building: usually within a street as part of an address.	+Warenempfängerstraße 1
3042	O	an..35	Street and number or post office box identifier	:X
3164	R	an..35	City name The name of the city, town, or village of this address.	+Ingolstadt
C819	O		Country subdivision details	
3229	R	an..9	Country subdivision identifier Country coded according to ISO 3166-1 State or region within a country. The use of UN LoCodes is recommended.	+
3251	R	an..17	Postal identification code An identifier for one or more properties of the address data corresponding to the postal system used in the country. The postcode is a group of letters and / or numbers that are added to the address in order to make sorting the mail easier.	+85000
3207	R	a2	Country identifier The codes of this code list are documented in a separate document Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE '

Comment: The party to which goods are to be shipped (consigned).
Please note! In addition to DEG C082, the complete structured address data must be transmitted in the message. If this data is missing, the message may be rejected in future.

Example: NAD+ST+21::92++Audi AG:X+Warenempfängerstraße 1:X+Ingolstadt++85000+DE '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

42 / 95

Print date: 10.01.2025

SG2	Status R MaxOcc 1	Ship to
LOC	No 22 Status R MaxOcc 1	Place of discharge

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 11 Place of discharge	+11
C517	R		Location identification	
3225	R	an..3	Location identifier Format an..3 for all recipients except Porsche Place where the shipment is unloaded from the means of transport (used to be Place of discharge)	+H73
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent	:92
3224	C	an..256	Location name	:Halle 73'

Comment:**Example:** LOC+11+H73::92:Halle 73'

SG2	Status MaxOcc	R 1	Ship to
LOC	No Status MaxOcc	23 O 1	Place of transhipment

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 13 Place of transhipment	+13
C517	R		Location identification	
3225	R	an..5	Location identifier Identifier of location, site, etc.	+12345 '

Comment:

Example: LOC+13+12345 '

SG2	Status O MaxOcc 1	Buyer
Party to whom merchandise and/or service is sold.		
NAD	No 24 Status M MaxOcc 1	Buyer's name and address

St	Format	Usage	Example
NAD			NAD
3035	M an..3	Party function code qualifier BY Buyer	+BY
C082	R	Party identification details	
3039	M an..35	Party identifier Unique identifier of the business partner (customer number, supplier number DUNS or similar)	+Audi
1131	N	Not used	:
3055	R an..3	Code list responsible agency code 91 Assigned by seller or seller's agent 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	: 92 '

Comment: In most cases it will be sufficient to use C082 for identification of invoicee. If not, either C058 (unstructured address) or C080 and following data elements should be used (structured address). The preferred version is the structured address.

Example: NAD+BY+Audi : : 92 '

SG2	Status MaxOcc	R 1	Seller / Supplier
NAD	No Status MaxOcc	25 M 1	Seller's name and address

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	Party function code qualifier SE Seller	+SE
C082	R		Party identification details	
3039	M	an..10	Party identifier Unique identifier of the business partner (customer number, supplier number DUNS or similar)	+0000261200
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	: 92
C058	N			
3124	N		Not used	+
C080	O		Party name	
3036	M	an..35	Party name Single text line for specification of a name	+Warenversender AG
3036	O	an..35	Party name see 3036 # 1	:X
C059	O		Street	
3042	M	an..35	Street and number or post office box identifier Part of address identifying the location of a building, normally given together with street.	+Warenversenderstraße 1
3042	O	an..35	Street and number or post office box identifier see 3042 # 1	:X
3164	O	an..35	City name The name of the city, town, or village of this address.	+Warenversenderhausen
C819	O		Country subdivision details	
3229	R	an..9	Country subdivision identifier State or region within a country. The use of UN LoCodes is recommended.	+
3251	O	an..17	Postal identification code Identifier of one or more address data properties according to the postal service of the respective country	+98765
3207	O	a2	Country identifier Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE '

Comment: The content of NAD+SE have to be taken from NAD+SE of the delivery call-off VDA 4984.

Example: NAD+SE+0000261200::92++Warenversender AG:X+Warenversenderstraße 1 :X+Warenversenderhausen++98765+DE '

SG2	Status MaxOcc	R 1	Seller / Supplier
SG3	Status MaxOcc	R 1	Additional Party ID (DUNS)
RFF	No Status MaxOcc	26 M 1	Reference

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R	an..70	Reference identifier DUNS number	: 987654321 '

Comment:**Example:** **RFF+ANK: 987654321 '**

SG2	Status MaxOcc	R 1	Freight forwarder
NAD	No Status MaxOcc	27 M 1	Freight forwarder's name and address

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	Party function code qualifier FW Freight forwarder	+FW
C082	R		Party identification details	
3039	R	an..10	Party identifier Unique identifier of the business partner (customer number, supplier number DUNS or similar)	+0021234567
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	: 92
C058	N			
3124	N		Not used	+
C080	R		Party name	
3036	M	an..35	Party name Freight Forwarder's Name Single text line for specification of a name	+Spedition Schnellecke
3036	O	an..35	Party name see 3036 # 1	: Spediturname 2
C059	O		Street	
3042	M	an..35	Street and number or post office box identifier	+X
3164	O	an..35	City name	+X
C819	N			
3229	N		Not used	+
3251	O	an..17	Postal identification code	+X
3207	O	an..3	Country identifier	+AD '

Comment: Please note! In addition to DEG C082, the complete structured address data must be transmitted in the message. If this data is missing, the message may be rejected in future.

Example: NAD+FW+0021234567:::92++Spedition Schnellecke:Spediturname2+X+X++X+AD '

SG2	Status MaxOcc	R 1	Freight forwarder
SG3	Status MaxOcc	R 1	Additional Party ID (DUNS)
RFF	No Status MaxOcc	28 M 1	Reference

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier ANK Reference number assigned by third party	+ANK
1154	R	n9	Reference identifier DUNS number	:123456789 '

Comment:

Example: **RFF+ANK:123456789 '**

SG2	Status MaxOcc	O 1	Ultimate Customer Party
NAD	No Status MaxOcc	29 M 1	Ultimate customers's name and address

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	Party function code qualifier UD Ultimate customer	+UD
C082	R		Party identification details	
3039	M	an10	Party identifier Unique identifier of the business partner (customer number, supplier number DUNS or similar)	+Identifier
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	: 92
C058	N			
3124	N		Not used	+
C080	R		Party name	
3036	M	an..35	Party name Single text line for specification of a name	+Name1
3036	O	an..35	Party name Single text line for specification of a name	: Name2
C059	R		Street	
3042	M	an..35	Street and number or post office box identifier Part of address identifying the location of a building, normally given together with street	+Street1
3042	O	an..35	Street and number or post office box identifier see 3042 # 1	: Street2
3164	R	an..35	City name	+City
C819	O		Country subdivision details	
3229	R	an..9	Country subdivision identifier State or region within a country. The use of UN LoCodes is recommended.	+
3251	R	an..17	Postal identification code Identifier of one or more address data properties according to the postal service of the respective country	+12345
3207	O	an..3	Country identifier Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE '

Comment: The ultimate customer is the final recipient of the goods. For a multi-tier scheduled shipment, it might be necessary to distinguish between the ship-from (e.g. tier 2 supplier), the ship-to (e.g. tier 1 supplier) and the ultimate customer (e.g. OEM's plant or dealer).

Example: NAD+UD+Identifier::92++Name1:Name2+Street1:Street2+City++12345+DE '

SG2	Status MaxOcc	O 1	Transport ordering party
NAD	No Status MaxOcc	30 M 1	Name and address

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	Party function code qualifier OY Ordering customer	+OY
C082	O		Party identification details	
3039	M	an..35	Customer number at freight forwarder Unique identifier of the business partner (customer number, supplier number DUNS or similar)	+987654321
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code Seller here refers to the seller of transport services. 16 US, D&B (Dun & Bradstreet Corporation) 91 Assigned by seller or seller's agent	:16
C058	N			
3124	N		Not used	+
C080	O		Party name	
3036	M	an..35	Party name Name of the commissioning Business Unit	+Autoteile Zulieferer GmbH
3036	O	an..35	Party name	:X
C059	O		Street	
3042	M	an..35	Street and number or post office box identifier	+X
3042	O	an..35	Street and number or post office box identifier see 3042 # 1	:X
3164	O	an..35	City name	+X
C819	O		Country subdivision details	
3229	R	an..9	Country subdivision identifier	+
3251	O	an..17	Postal identification code	+X
3207	O	an..3	Country identifier	+AD '

Comment:

Example: NAD+OY+987654321::16++Autoteile Zulieferer GmbH:X+X:X+X++X+AD '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

51 / 95

Print date: 10.01.2025

SG6	Status R MaxOcc 1	Means of transport
TDT	No 31 Status M MaxOcc 1	Transport information

	St	Format	Usage	Example
TDT				TDT
8051	M	an..3	Transport stage code qualifier 12 At departure Identifies the shipping location or destination according to the INCOTERM code to be used.	+12
8028	O	an..17	Means of transport journey identifier Unique reference given by the carrier to a certain journey or departure of a means of transport.	+12345
C220	R		Mode of transport	
8067	R	an..3	Transport mode name code Code 50 should be used for courier, express, parcel transport notifications. 20 Rail transport 23 Trailers or road vehicles being transported by rail 30 Road transport 40 Air transport 50 Mail Code specifying the name of a mode of transport. Use UN/ECE Recommendation No 19.	+30
C001	N			
8179	N		Not used	+
C040	N			
3127	N		Not used	+
8101	N		Not used	+
C401	O		Excess transportation information	
8457	M	an..3	Excess transportation reason code ZZZ Mutually defined ZZZ is only a placeholder, indicating that DE is assigned status "M". In the message, only the special route number (or similar reference) is transmitted in DE 7130. The responsibilities are to be defined outside of the EDI data exchange.	+ZZZ
8459	M	an..3	Excess transportation responsibility code X Responsibility to be determined	:X
7130	R	an..17	Customer shipment authorisation identifier Authorisation number	:X
C222	N			
8213	N		Not used	+
8281	N		Not used	+
C003	O		Power type	
7041	R	an..3	Power type code 1 Diesel 2 Diesel and electric 3 Electric 4 Liquid Propane Gas 5 Petrol 6 Petrol and electric	+
C290	O		Transport service	

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

52 / 95

Print date: 10.01.2025

	St	Format	Usage	Example
8462	R	an..17	Transport service identification code	+X
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code	: 91 '

Comment:

Example: TDT+12+12345+30++++ZZZ:X:X++++X: : 91 '

SG6	Status MaxOcc	R 1	Means of transport
TMD	No Status MaxOcc	32 O 1	Transport movement type

St	Format	Usage	Example
TMD			TMD
C219	R	Movement type	
8335	R an..3	Transport mode X01 Full truck load - with separate tender X02 Full truck load - within the scope of area contract freight forwarder X03 Milk run during unloading - with separate tender, direct contract X04 Milk run during unloading - within the scope of area contract freight forwarder X05 Distribution by area contract freight forwarder X06 Milk run during loading - with separate tender, direct contract X07 Milk run during loading - within the scope of area contract freight forwarder X08 Milk run during loading and unloading - with separate tender, direct contract X09 Milk run during loading and unloading - within the scope of area contract freight forwarder X10 Full Truck Load - with separate tender transport leg ship-from to consolidation centre / cross-dock X11 Full Truck Load - with separate tender for transport leg cross-dock to cross-dock X12 Full Truck Load - with separate tender for transport leg cross-dock to ship-to X13 Full Container Load - with separate tender from ship-from to ship-to X14 Less than Full Container Load - with separate tender for transport leg from ship-from to consolidation centre / cross-dock X15 Less than Full Container Load - with separate tender for transport leg cross-dock to cross-dock X16 Less than Full Container Load - with separate tender for transport leg cross-dock to ship-to X17 Courier Express Parcel (CEP) X18 Special transport with frame contract X19 Special transport spot market	+X01
8332	O an..26	Loading sequence of a shipment on a means of transport (1 to 99)	+1 '

Comment:

Example: TMD+X01+1 '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

54 / 95

Print date: 10.01.2025

SG6	Status MaxOcc	R 1	Means of transport
SG7	Status MaxOcc	O 1	Place of departure
LOC	No Status MaxOcc	33 M 1	Current place of departure

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 5 Place of departure	+5
C517	R		Location identification	
3225	O	an..35	Location identifier Location ID	+949949494
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code	:16
3224	O	an..256	Location name Location (Text)	:XDock Company A;; Xdockstrasse 1;;City 1;; 89499;DE'

Comment: This segment identifies the Shipping location of the current transport leg.
The segment should be used only in scenarios where the supplier has to organise the transport and has to communicate details of the transport chain to the customer or goods receiver.

Example: LOC+5+949949494::16:XDock Company A;;Xdockstrasse 1;;City 1;;89499;DE'

SG6	Status MaxOcc	R 1	Means of transport
SG7	Status MaxOcc	O 1	Place of arrival
LOC	No Status MaxOcc	34 M 1	Current place of arrival

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier 60 Place of arrival	+60
C517	R		Location identification	
3225	O	an..35	Location identifier Location ID	+969969696
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code	:16
3224	O	an..256	Location name Location (Text)	:XDock Company B;; Xdockstrasse 3;;City 3;; 30499;DE
C519	O		Related location one identification Can be used to identify the place of discharge for this transport leg	
3223	O	an..35	First related location identifier Place of discharge ID	+
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code	:
3222	O	an..70	First related location name Place of discharge (text)	:X'

Comment: This segment identifies the arrival location of the current transport leg.
The segment group should be used only in scenarios where the supplier has to organise the transport and has to communicate details of the transport chain to the customer or goods receiver.

Example: LOC+60+969969696:::16:XDock Company B;;Xdockstrasse 3;;City 3;;30499;DE+:::X'

SG8	Status O MaxOcc 1	Information for the freight forwarder
EQD	No 35 Status M MaxOcc 1	Equipment details

St	Format	Usage	Example
EQD			EQD
8053	M an..3	Equipment type code qualifier This segment is used as trigger only. Since UN/EDIFACT syntax rules require at least one data element in a segment, a dummy code has to be transmitted. X01 Trigger	+X01 '

Comment:

Example: **EQD+X01 '**

SG8	Status MaxOcc	O 1	Information for the freight forwarder
SG9	Status MaxOcc	R 10	Information for the freight forwarder
HAN	No Status MaxOcc	36 M 1	Handling instructions

	St	Format	Usage	Example
HAN				HAN
C524	R		Handling instructions	
4079	R	an..3	Codeliste to special transport conditions 101 Please advise shipment @ telephone number: ... (text) telephone number for advice 107 Delivery requires truck with lifting ramp/ platform 108 Shipment to be delivered without directly unloading 109 Handle with care, sensitive goods! 110 Goods to be transported lying 113 To be transported in advised temperature range! 125 Direct pick-up 126 Lifting platform required 127 Loading / unloading from the rear 128 Loading / unloading from the side (both sides) 129 Loading / unloading from the side (left side) 130 Loading / unloading from the side (right side) 131 Loading / unloading with crane 132 Self loading / self unloading 133 Height restriction 134 Fork lift required 135 Anti slip matting required 136 No transport means with loaded dangerous goods 137 Exchange of loading means 138 Only self-propelled truck 139 7,5 Ton 140 Tautliner 141 Detailed instructions in the free text (FTX segment)	+101
1131	N		Not used	:
3055	C	an..3	Code list responsible agency code 10 ODETTE	:10
4078	O	an..512	Handling instruction description This code is related to the instruction in DE 4079 . COL Collection DEL Delivery	:COL '

Comment:**Example:** **HAN+101::10:COL'**

No = Consecutive segment number in the guide, MaxOcc = Maximum occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

58 / 95

Print date: 10.01.2025

SG11
 Status O
 MaxOcc 9999
Despatch control line / List of handling unit groups

The maximum number of SG-CPS in a message shall not exceed 9999.

CPS
 No 37
 Status M
 MaxOcc 1
Consignment packing sequence

St	Format	Usage	Example
CPS			CPS
7164	R n..6	Hierarchical structure level identifier Line Item Number line number Incremented counter generated by message sender, assigned to a packaging group in the message. We recommend starting at 1.	+9
7166	N	Not used	+
7075	R an..3	Packaging level code 3 Outer 2 Intermediate Code specifying a level of packaging.	+3 '

Comment: With SG1-CPS identified as handling unit / intermediate packaging level, there is no article item (SG-LIN), as these are always preceded by the inner packaging.
 The packaging structure must be entered in the message from the outside inwards, i.e. handling unit, followed by packaging units; main packaging followed by packaging aids.
 If different packaging materials have the same properties (same packaging type, same packaging aids (number and type), same volume, same part number, same batch number ...) they should be combined into one packaging group.
 For each outer packaging, the number/identifier of the packaging units at the next level are listed. This applies accordingly to any intermediate packaging units.

Example: CPS+9++3 '

SG11Status O
MaxOcc 9999**Despatch control line / List of handling unit groups**

The maximum number of SG-CPS in a message shall not exceed 9999.

SG12Status R
MaxOcc 1**Handling unit group details****PAC**No 38
Status M
MaxOcc 1**Handling unit group details**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..3	Package quantity Number Of Identical Handling Units Number of packaging items (or loading units) that belong to this group (number of same type of packaging items/ loading units)	+1
C531	R		Packaging details	
7075	N		Not used	+
7233	R	an..3	Packaging related description code 35 Type of package	: 35
C202	R		Package type	
7065	R	an..7	Package type description code Designation of the packaging, coded (packaging material code of the customer).	+0000PAL
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code Code List Responsible Agency 92 Assigned by buyer or buyer's agent Code specifying the agency responsible for a code list.	: 92
C402	O		Package type identification	
7077	M	an..3	Description format code X Semi-structured (code + text)	+X
7064	M	an..35	Type of packages Designation of the packaging, coded (packaging code of the supplier). The element is mandatory according to EDIFACT. If this DE group is to be used and the supplier has not defined an own packaging material code, the same value as in DE 7064 should appear here for the VDA code.	: 0000PAL
7143	O	an..3	Item type identification code SA Supplier's article number	: SA '

Comment:**Example:** PAC+1+ : 35+0000PAL : : 92+X: 0000PAL : SA '

No = Consecutive segment number in the guide, MaxOcc = Maximum occurrence of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

K-DAPL/KL-GMD - PUBLIC – CSD 2.2 7 Years

VDA 4933 T1 - Global DESADV Transportauftrag Vollgut; VDA 3.1; VW 3.1

© VOLKSWAGEN Group

60 / 95

Print date: 10.01.2025

SG11	Status MaxOcc	O 9999	Despatch control line / List of handling unit groups
-------------	------------------	-----------	---

The maximum number of SG-CPS in a message shall not exceed 9999.

SG12	Status MaxOcc	R 1	Handling unit group details
-------------	------------------	--------	------------------------------------

MEA	No Status MaxOcc	39 O 1	Length
------------	------------------------	--------------	---------------

St	Format	Usage	Example
MEA			MEA
6311	M an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R	Measurement details	
6313	R an..3	Measured attribute code LN Length	+LN
C174	R	Value/range	
6411	C an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 MMT millimetre	+MMT
6314	R n..5	Measure Length	:1200 '

Comment: Length dimension of the package

Example: **MEA+AAZ+LN+MMT :1200 '**

SG11
 Status O
 MaxOcc 9999
Despatch control line / List of handling unit groups

The maximum number of SG-CPS in a message shall not exceed 9999.

SG12
 Status R
 MaxOcc 1
Handling unit group details**MEA**
 No 40
 Status O
 MaxOcc 1
Width

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R		Measurement details	
6313	R	an..3	Measured attribute code Constant Identifying A Width Dimension WD Width dimension	+WD
C174	R		Value/range	
6411	C	an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 MMT millimetre	+MMT
6314	R	n..12	Measure Width	: 800 '

Comment: Width dimension of the package

Example: **MEA+AAZ+WD+MMT : 800 '**

SG11
 Status O
 MaxOcc 9999
Despatch control line / List of handling unit groups

The maximum number of SG-CPS in a message shall not exceed 9999.

SG12
 Status R
 MaxOcc 1
Handling unit group details**MEA**
 No 41
 Status O
 MaxOcc 1
Height

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R		Measurement details	
6313	R	an..3	Measured attribute code HT Height dimension	+HT
C174	R		Value/range	
6411	R	an..3	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 MMT millimetre	+MMT
6314	R	n..5	Measure	: 700 '

Comment: Height dimension of the package

Example: **MEA+AAZ+HT+MMT : 700 '**

SG11Status O
MaxOcc 9999**Despatch control line / List of handling unit groups**

The maximum number of SG-CPS in a message shall not exceed 9999.

SG12Status R
MaxOcc 1**Handling unit group details****MEA**No 42
Status O
MaxOcc 1**Maximum stackability for transport purposes**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier ABU Quota	+ABU
C502	N			
6313	N		Not used	+
C174	R		Value/range	
6411	C	an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 C62 one	+C62
6314	R	n..2	Maximum stackability for transport purposes Number of layers of packages in the transport. (1 = not stackable)	: 9 '

Comment: Mandatory entry for alternative packaging. Not relevant for intermediate layers = CPS+++2.

In cases where VW has not communicated the stacking factor to the supplier, the supplier should specify the stacking factor himself. If the supplier does not know it, the MEA+ABU will not be transferred.

The segment MEA+ABU may only be sent for simplified handling units (CPS+++4) and for transport loading units (CPS+++3). For inner packaging (CPS+++1) it must not be sent.

Example: **MEA+ABU++C62 : 9 '**

SG11	Status MaxOcc	O 9999	Despatch control line / List of handling unit groups
The maximum number of SG-CPS in a message shall not exceed 9999.			
SG12	Status MaxOcc	R 1	Handling unit group details
SG14	Status MaxOcc	R 1000	List of individual handling units
PCI	No Status MaxOcc	43 M 1	Handling unit label type

	St	Format	Usage	Example
PCI				PCI
4233	R	an..3	Marking instructions code 17 Seller's instructions	+17
C210	N			
7102	N		Not used	+
8169	N		Not used	+
C827	R		Type of marking	
7511	R	an..3	Label identifier coded Handling Unit Category 5J Unique license plate number mixed load 6J Unique license plate number assigned to a master load First part of transport label. This identifier indicates whether the label is applied to the outer or the inner packaging. For outer packaging labels, a distinction is made between a master label and a mixed load label. 6J corresponds to former code "M" = master label 5J corresponds to former code "G" = master mixed load 1 Not marked with an EAN.UCC system code	+6J
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 5 ISO (International Organization for Standardization)	: 5 '

Comment:

Example: PCI+17+++6J: : 5 '

SG11	Status MaxOcc	O 9999	Despatch control line / List of handling unit groups
The maximum number of SG-CPS in a message shall not exceed 9999.			
SG12	Status MaxOcc	R 1	Handling unit group details
SG14	Status MaxOcc	R 1000	List of individual handling units
SG16	Status MaxOcc	O 1	Package identification, assigned by the logistics service provider
GIN	No Status MaxOcc	44 M 1	Package identification, assigned by the logistics service provider

St	Format	Usage	Example
GIN			GIN
7405	M an..3	Object identification code qualifier X01 Package identification, assigned by the logistics service provider	+X01
C208	M	Identity number range	
7402	M an..35	Package identification, assigned by the logistics service provider	+54321 '

Comment:

Example: GIN+X01+54321 '

SG11
 Status O
 MaxOcc 9999
Despatch control line / List of handling unit groups

The maximum number of SG-CPS in a message shall not exceed 9999.

SG12
 Status R
 MaxOcc 1
Handling unit group details**SG14**
 Status R
 MaxOcc 1000
List of individual handling units**SG17**
 Status R
 MaxOcc 1
Individual handling unit's weights

Since the gross and net weights may be different even for individual handling units belonging to the same handling unit group, they have to be stated individually rather than as a common property of the handling unit group.

COD
 No 45
 Status M
 MaxOcc 1
Trigger segment

	St	Format	Usage	Example
COD				COD
C823	R		Type of unit/component	
7505	R	an..3	Unit or component type description code This segment is used as trigger only. Since UN/EDIFACT syntax rules require at least one data element in a segment, a dummy code has to be transmitted. NO	+NO '

Comment:

Example: COD+NO '

SG11Status O
MaxOcc 9999**Despatch control line / List of handling unit groups**

The maximum number of SG-CPS in a message shall not exceed 9999.

SG12Status R
MaxOcc 1**Handling unit group details****SG14**Status R
MaxOcc 1000**List of individual handling units****SG17**Status R
MaxOcc 1**Individual handling unit's weights**

Since the gross and net weights may be different even for individual handling units belonging to the same handling unit group, they have to be stated individually rather than as a common property of the handling unit group.

MEANo 46
Status D
MaxOcc 1**Gross weight**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R		Measurement details	
6313	R	an..3	Measured attribute code AAB Goods item gross weight	+AAB
C174	R		Value/range	
6411	C	an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 KGM kilogram	+KGM
6314	R	n..12	Measure Handling unit's gross weight	: 50 '

Comment: Required for handling units (CPS+++3')

Example: **MEA+AAZ+AAB+KGM : 50 '**

SG11Status O
MaxOcc 9999**Despatch control line / List of handling unit groups**

The maximum number of SG-CPS in a message shall not exceed 9999.

SG12Status R
MaxOcc 1**Handling unit group details****SG14**Status R
MaxOcc 1000**List of individual handling units****SG17**Status R
MaxOcc 1**Individual handling unit's weights**

Since the gross and net weights may be different even for individual handling units belonging to the same handling unit group, they have to be stated individually rather than as a common property of the handling unit group.

MEANo 47
Status D
MaxOcc 1**Net weight of the loading unit**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAZ Handling unit measurement	+AAZ
C502	R		Measurement details	
6313	R	an..3	Measured attribute code AAA Net weight	+AAA
C174	R		Value/range	
6411	R	an..8	Measurement unit code KGM kilogram	+KGM
6314	R	an..18	Measure Net weight	: 9 '

Comment: The weights are specified for each individual loading unit since loading units may have completely the same structure, but due to the different fill volumes of the inner packaging material, for example, the individual loading units may have differing weights.
Required for handling units (CPS+++3')

Example: **MEA+AAZ+AAA+KGM : 9 '**

SG11Status O
MaxOcc 9999**Despatch control line / List of handling unit groups**

The maximum number of SG-CPS in a message shall not exceed 9999.

SG12Status O
MaxOcc 9999**Auxiliary packaging****PAC**No 48
Status M
MaxOcc 1**Auxiliary packaging**

	St	Format	Usage	Example
PAC				PAC
7224	O	n..8	Package quantity Number of packaging items that belong to this group (number of same type of packaging items) The number of additional packaging materials must be a whole number multiple of the loading units (main packaging material) so that they are assignable.	+1
C531	R		Packaging details	
7075	N		Not used	+
7233	R	an..3	Packaging related description code 37 Package protection	: 37
C202	R		Package type	
7065	R	an..7	Package type description code Code identifying the type of a packaging aid. Note: applicable codes have to be defined mutually.	+4TP
1131	N		Not used	:
3055	R	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent	: 92
C402	O		Package type identification	
7077	M	an..3	Description format code X Semi-structured (code + text)	+X
7064	M	an..35	Type of packages Designation of the packaging, coded (packaging material code of the supplier). The element is mandatory according to EDIFACT. If this DE group is to be used and the supplier has not defined an own packaging material code, the same value as in DE 7064 should appear here for the VDA code.	: 4TP
7143	O	an..3	Item type identification code SA Supplier's article number	: SA '

Comment:**Example:** PAC+1+ : 37+4TP : : 92+X : 4TP : SA '

SG11
 Status R
 MaxOcc 9999
Despatch control line / group of inner packaging items and article line

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

CPS
 No 49
 Status M
 MaxOcc 1
Consignment packing sequence

	St	Format	Usage	Example
CPS				CPS
7164	R	n..6	Hierarchical structure level identifier Line Number Sequential number generated by the sender to identify a line item within a message.	+2
7166	N		Not used	+
7075	R	an..3	Packaging level code If Code 4 is used, no parent relationship exists (simplified handling unit concept). 1 Inner 4 No packaging hierarchy Code specifying a level of packaging.	+1 '

Comment: The structure of the message takes place from outside to inside. First, loading units are transmitted and then the inner packagings in or on it. Precise application instructions for setting up the packaging structures are available in a separate document as an attachment to the recommendation.

Since a 1:1 relationship of batch, expiration date ... and delivery note item must be assured in the message, an SG 11 with trigger CPS is to be generated for each new batch, expiration date, etc.

Example: **CPS+2++1 '**

SG11Status R
MaxOcc 9999**Despatch control line / group of inner packaging items and article line**

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG12Status R
MaxOcc 1**Packaging material group inner packaging material**

The number of SG-CPS in a group of inner packaging items shall not exceed 9999.

PACNo 50
Status M
MaxOcc 1**Inner packaging items**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..6	Package quantity Actual number of packages or handling units, e.g. belonging to a group of packages. Considered to be a number of identical packages. The number of inner packages material must be a whole number multiple of the loading units (main packaging material) so that they are assignable.	+9
C531	R		Packaging details	
7075	N		Not used	+
7233	R	an..3	Packaging related description code 35 Type of package	: 35
C202	R		Package type	
7065	R	an..7	Package type description code Designation of packaging (packaging code of customer)	+4314C
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent	: 92
C402	O		Package type identification	
7077	M	an..3	Description format code X Semi-structured (code + text)	+X
7064	M	an..35	Type of packages Designation of packaging (packaging code of supplier). According to EDIFACT, this element is mandatory. If this DE group is to be used and the supplier has not defined internal packaging codes, enter the same value as in DE 7064 for VDA code.	: 4314C
7143	O	an..3	Item type identification code SA Supplier's article number	: SA '

Comment: The number of packages corresponds to the total number of packages of the same type (given in data element 7065). They may be in one or more handling units.

Example: **PAC+9+ : 35+4314C : : 92+X: 4314C : SA '**

SG11
 Status R
 MaxOcc 9999
Despatch control line / group of inner packaging items and article line

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG12
 Status R
 MaxOcc 1
Packaging material group inner packaging material

The number of SG-CPS in a group of inner packaging items shall not exceed 9999.

MEA
 No 51
 Status D
 MaxOcc 1
Gross weight

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AA Y Package measurement	+AA Y
C502	R		Measurement details	
6313	R	an..3	Measured attribute code G Gross weight	+G
C174	R		Value/range	
6411	C	an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 KGM kilogram	+KGM
6314	R	n..7	Measure Gross weight - weight (mass) without carrier's equipment	: 9 '

Comment: Required for packages without packaging hierarchy (CPS+++4')

Example: **MEA+AA Y+G+KGM : 9 '**

SG11Status R
MaxOcc 9999**Despatch control line / group of inner packaging items and article line**

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG12Status R
MaxOcc 1**Packaging material group inner packaging material**

The number of SG-CPS in a group of inner packaging items shall not exceed 9999.

MEANo 52
Status D
MaxOcc 1**Net weight**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAY Package measurement	+AAY
C502	R		Measurement details	
6313	R	an..3	Measured attribute code AAL Net weight	+AAL
C174	R		Value/range	
6411	C	an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 KGM kilogram	+KGM
6314	R	n..7	Measure Gross weight - weight (mass) without sales packaging	: 9 '

Comment: Required for packages without packaging hierarchy (CPS+++4')

Example: **MEA+AAY+AAL+KGM: 9 '**

SG11Status R
MaxOcc 9999**Despatch control line / group of inner packaging items and article line**

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG12Status R
MaxOcc 1**Packaging material group inner packaging material**

The number of SG-CPS in a group of inner packaging items shall not exceed 9999.

MEANo 53
Status O
MaxOcc 1**Length**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAY Package measurement	+AAY
C502	R		Measurement details	
6313	O	an..3	Measured attribute code LN Length	+LN
C174	R		Value/range	
6411	C	an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 MMT millimetre	+MMT
6314	R	n..5	Measure	: 600 '

Comment:

Example: **MEA+AAY+LN+MMT : 600 '**

SG11Status R
MaxOcc 9999**Despatch control line / group of inner packaging items and article line**

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG12Status R
MaxOcc 1**Packaging material group inner packaging material**

The number of SG-CPS in a group of inner packaging items shall not exceed 9999.

MEANo 54
Status O
MaxOcc 1**Width**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAY Package measurement	+AAY
C502	R		Measurement details	
6313	R	an..3	Measured attribute code WD Width dimension	+WD
C174	R		Value/range	
6411	C	an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 MMT millimetre	+MMT
6314	R	n..5	Measure	: 400 '

Comment:

Example: **MEA+AAY+WD+MMT : 400 '**

SG11

Status R
MaxOcc 9999

Despatch control line / group of inner packaging items and article line

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG12

Status R
MaxOcc 1

Packaging material group inner packaging material

The number of SG-CPS in a group of inner packaging items shall not exceed 9999.

MEA

No 55
Status O
MaxOcc 1

Height

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier AAY Package measurement	+AAY
C502	R		Measurement details	
6313	R	an..3	Measured attribute code HT Height dimension	+HT
C174	R		Value/range	
6411	C	an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 MMT millimetre	+MMT
6314	R	n..9	Measure	: 350 '

Comment:

Example: **MEA+AAY+HT+MMT : 350 '**

SG11
 Status R
 MaxOcc 9999
Despatch control line / group of inner packaging items and article line

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG12
 Status R
 MaxOcc 1
Packaging material group inner packaging material

The number of SG-CPS in a group of inner packaging items shall not exceed 9999.

MEA
 No 56
 Status O
 MaxOcc 1
Maximum stackability for transport purposes

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier ABU Quota	+ABU
C502	N			
6313	N		Not used	+
C174	R		Value/range	
6411	C	an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Rec. 20 C62 one	+C62
6314	R	n..2	Maximum stackability for transport purposes Number of layers of packages in the transport. (1 = not stackable)	: 9 '

Comment: Mandatory entry for alternative packaging.
 In cases where VW has not communicated the stacking factor to the supplier, the supplier should specify the stacking factor himself. If the supplier does not know it MEA+ABU will not be transferred.
 The segment MEA+ABU may only be sent for simplified handling units (CPS+++4) and for transport loading units (CPS+++3). For inner packaging (CPS+++1) it must not be sent.

Example: **MEA+ABU++C62 : 9 '**

SG11	Status MaxOcc	R 9999	Despatch control line / group of inner packaging items and article line
-------------	------------------	-----------	--

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG12	Status MaxOcc	R 1	Packaging material group inner packaging material
-------------	------------------	--------	--

The number of SG-CPS in a group of inner packaging items shall not exceed 9999.

SG14	Status MaxOcc	O 1000	Individual packaging item
-------------	------------------	-----------	----------------------------------

PCI	No Status MaxOcc	57 M 1	Package identification
------------	------------------------	--------------	-------------------------------

	St	Format	Usage	Example
PCI				PCI
4233	R	an..3	Marking instructions code 17 Seller's instructions	PCI +17 '

Comment: The data element 4233 should contain the constant value "17" (=Seller's instruction) to avoid the transmission of an empty segment when the Label identifier is not transmitted.

Example: PCI+17 '

SG11	Status MaxOcc	R 9999	Despatch control line / group of inner packaging items and article line
This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.			
SG12	Status MaxOcc	R 1	Packaging material group inner packaging material
The number of SG-CPS in a group of inner packaging items shall not exceed 9999.			
SG14	Status MaxOcc	O 1000	Individual packaging item
SG16	Status MaxOcc	R 1	Package identification, assigned by the logistics service provider
GIN	No Status MaxOcc	58 M 1	Package identification, assigned by the logistics service provider

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	Object identification code qualifier X01 Package identification, assigned by the logistics service provider	+X01
C208	M		Identity number range	
7402	M	an..35	Package identification, assigned by the logistics service provider	+54321
C208	O		Identity number range	
7402	R	an..35	Object identifier see 7402 #1	+54323
C208	O		Identity number range	
7402	R	an..35	Object identifier see 7402 #1	+54322
C208	O		Identity number range	
7402	R	an..35	Object identifier see 7402 #1	+54330
C208	O		Identity number range	
7402	R	an..35	Object identifier see 7402 #1	+54342 '

Comment:

Example: GIN+X01+54321+54323+54322+54330+54342 '

SG11Status R
MaxOcc 9999**Despatch control line / group of inner packaging items and article line**

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG12Status O
MaxOcc 9999**Packaging aid****PAC**No 59
Status M
MaxOcc 1**Packaging aid**

St	Format	Usage	Example
PAC			PAC
7224	R n..6	Package quantity Actual number of packages , e.g. belonging to a group of packages. Considered to be a number of identical packages. The number of additional packaging materials must be a whole number multiple of the loading units (main packaging material) so that they are assignable.	+9
C531	R	Packaging details	
7075	N	Not used	+
7233	R an..3	Packaging related description code 37 Package protection	: 37
C202	R	Package type	
7065	R an..7	Package type description code Code of packaging designation (packaging code of customer)	+41DE
1131	N	Not used	:
3055	O an..3	Code list responsible agency code 92 Assigned by buyer or buyer's agent	: 92
C402	O	Package type identification	
7077	M an..3	Description format code X Semi-structured (code + text)	+X
7064	M an..35	Type of packages Designation of packaging (packaging code of supplier). According to EDIFACT, this element is mandatory. If this DE group is to be used and the supplier has not defined internal packaging codes, enter the same value as in DE 7064 for VDA code.	: 41DE
7143	O an..3	Item type identification code SA Supplier's article number	: SA '

Comment:**Example:** PAC+9+ : 37+41DE : : 92+X : 41DE : SA '

SG11Status R
MaxOcc 9999**Despatch control line / group of inner packaging items and article line**

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG19Status R
MaxOcc 9999**Article and Despatched Article****LIN**No 60
Status M
MaxOcc 1**Line item**

	St	Format	Usage	Example
LIN				LIN
1082	N		Not used	+
1229	N		Not used	+
C212	R		Item number identification	
7140	R	an..35	Item identifier Product identification assigned by buyer / customer	+X
7143	R	an..3	Item type identification code IN Buyer's item number	: IN '

Comment:**Example:** **LIN+++X: IN '**

SG11Status R
MaxOcc 9999**Despatch control line / group of inner packaging items and article line**

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG19Status R
MaxOcc 9999**Article and Despatched Article****MEA**No 61
Status D
MaxOcc 1**Measurements**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier TE Temperature	+TE
C502	N			
6313	N		Not used	+
C174	R		Value/range	
6411	C	an..8	Measurement unit code CEL degree Celsius	+CEL
6314	N		Not used	:
6162	D	n..5	Range minimum quantity	:1
6152	D	n..5	Range maximum quantity	:10'

Comment:**Example:** **MEA+TE++CEL: :1:10'**

SG11
 Status R
 MaxOcc 9999

Despatch control line / group of inner packaging items and article line

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG19
 Status R
 MaxOcc 9999

Article and Despatched Article
MEA
 No 62
 Status O
 MaxOcc 1

Net explosive mass

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	Measurement purpose code qualifier PD Physical dimensions (product ordered)	+PD
C502	R		Measurement details	
6313	R	an..3	Measured attribute code AFN Net explosive weight	+AFN
C174	R		Value/range	
6411	C	an..3	Measurement unit code Article Weight Measure Unit Specifier Code specifying the unit of measurement, use UN/ECE Rec. 20 KGM kilogram GRM gram TNE tonne (metric ton)	+KGM
6314	R	an..18	Net explosive mass of the part	: 9 '

Comment:
Example: **MEA+PD+AFN+KGM: 9 '**

SG11Status R
MaxOcc 9999**Despatch control line / group of inner packaging items and article line**

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG19Status R
MaxOcc 9999**Article and Despatched Article****QTY**No 63
Status R
MaxOcc 1**Despatched quantity**

St	Format	Usage	Example
QTY			QTY
C186	M	Quantity details	
6063	M an..3	Quantity type code qualifier 12 Despatch quantity	+12
6060	M n..10	Quantity Quantity actually despatched Quantity despatched and shipped by the seller/ ship from.	: 9
6411	R an..3	Measurement unit code Quantity (to be) Despatched Measure Unit Specifier Code specifying the unit of measurement, use UN/ECE Rec. 20 C62 one PCE piece SET set MTR metre CMT centimetre MMT millimetre MTK square metre LEF leaf MTQ cubic metre LTR litre PR pair RO roll TNE tonne (metric ton) KGM kilogram GRM gram KMT kilometre PCE and C62 are ynonymous for piece	: PCE '

Comment:**Example:** **QTY+12 : 9 : PCE '**

SG11
 Status R
 MaxOcc 9999
Despatch control line / group of inner packaging items and article line

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG19
 Status R
 MaxOcc 9999
Article and Despatched Article**ALI**
 No 64
 Status O
 MaxOcc 1
Country of origin, duty regime and nature of transaction

	St	Format	Usage	Example
ALI				ALI
3239	O	a2	Country of origin identifier Country in which the goods have been produced or manufactured; might be required by customs authorities in order to identify the applicable customs tariff, quantity restrictions, etc.	+DE
9213	N		Not used	+
4183	R	an..3	Special condition code Dutiable goods indicator Y yes, goods are dutiable / subject to customs procedures N no, goods are not subject to customs procedures	+Y '

Comment:**Example:** **ALI+DE++Y '**

SG11	Status MaxOcc	R 9999	Despatch control line / group of inner packaging items and article line
This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.			
SG19	Status MaxOcc	R 9999	Article and Despatched Article
SG20	Status MaxOcc	O 1	Delivery instruction / schedule reference and item related contact information
RFF	No Status MaxOcc	65 M 1	Delivery instruction / schedule reference

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier AAN Delivery schedule number	+AAN
1154	O	n8	Reference identifier Unique identifier of the call-off.	:12345578 '

Comment: The terms delivery instruction and delivery schedule are used synonymously!

Example: **RFF+AAN:12345578 '**

SG11	Status MaxOcc	R 9999	Despatch control line / group of inner packaging items and article line
This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.			
SG19	Status MaxOcc	R 9999	Article and Despatched Article
SG20	Status MaxOcc	O 1	Delivery instruction / schedule reference and item related contact information
CTA	No Status MaxOcc	66 O 1	Dispatcher at customer's site who has issued the order / delivery instruction.

	St	Format	Usage	Example
CTA				CTA
3139	R	an..3	Contact function code SC Schedule contact	+SC
C056	R		Contact details	
3413	O	an..17	Contact identifier Department or personal ID for contacts	+?+49 30 8978 42123
3412	O	an..256	Contact name Name of the contact person or department	:Helga Müller '

Comment:

Example: CTA+SC+?+49 30 8978 42123:Helga Müller '

SG11
 Status R
 MaxOcc 9999
Despatch control line / group of inner packaging items and article line

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG19
 Status R
 MaxOcc 9999
Article and Despatched Article**SG20**
 Status R
 MaxOcc 1
Order reference

Reference to a related Order message / line

RFF
 No 67
 Status M
 MaxOcc 1
Order reference

	St	Format	Usage	Example
RFF				RFF
C506	M		Reference	
1153	M	an..3	Reference code qualifier ON Order document identifier, buyer assigned	+ON
1154	R	an..12	Reference identifier Unique identifier of an order document.	: BestellungID '

Comment:**Example:** **RFF+ON:BestellungID '**

SG11	Status MaxOcc	R 9999	Despatch control line / group of inner packaging items and article line
This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.			
SG19	Status MaxOcc	R 9999	Article and Despatched Article
SG21	Status MaxOcc	O 1	Dangerous goods information
DGS	No Status MaxOcc	68 M 1	Dangerous goods

St	Format	Usage	Example
DGS			DGS
8273	O an..3	Dangerous goods regulations code	+ADR
C205	N		
8351	N	Not used	+
C234	R	UNDG information	
7124	R n4	United Nations Dangerous Goods (UNDG) identifier UNDG identifier	+1263
C223	O	Dangerous goods shipment flashpoint Flashpoint of a product (being pure, dissolved or mixed) that is unequivocally proved by test and therefore relevant for transportation purposes.	
7106	R n3	Shipment flashpoint degree Flashpoint temperature	+500
6411	R an..8	Measurement unit code Code specifying the unit of measurement, use UN/ECE Recommendation 20, Common code. CEL degree Celsius	:CEL '

Comment:

Example: DGS+ADR++1263+500 :CEL '

SG11	Status MaxOcc	R 9999	Despatch control line / group of inner packaging items and article line
This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.			
SG19	Status MaxOcc	R 9999	Article and Despatched Article
SG21	Status MaxOcc	O 1	Dangerous goods information
FTX	No Status MaxOcc	69 O 1	Dangerous goods description

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier AAD Dangerous goods technical name	+AAD
4453	N		Not used	+
C107	N			
4441	M	an..17	Free text description code	+
C108	R		Text literal	
4440	M	an..128	Free text Dangerous goods description text line.	+X
4440	O	an..128	Free text Dangerous goods description text line.	:X
3453	O	an..3	Language name code	+aa '

Comment:

Example: **F'TX+AAD+++X:X+aa '**

SG11	Status MaxOcc	R 9999	Despatch control line / group of inner packaging items and article line
This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.			
SG19	Status MaxOcc	R 9999	Article and Despatched Article
SG21	Status MaxOcc	O 1	Dangerous goods information
FTX	No Status MaxOcc	70 O 1	Information about exception regulation

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	Text subject code qualifier HAZ Hazard information	+HAZ
4453	N		Not used	+
C107	N			
4441	M	an..17	Free text description code	+
C108	R		Text literal	
4440	M	an..128	Free text Text line with information on the exception regulation	+X
4440	O	an..128	Free text see 4440 # 1	:X
3453	O	an..3	Language name code	+aa '

Comment:

Example: **F'TX+HAZ+++X:X+aa '**

SG11
 Status R
 MaxOcc 9999
Despatch control line / group of inner packaging items and article line

This grouping level is mandatory in the standard delivery processes. Only in exceptional cases, which must be agreed separately between business partners, can it be dispensed with at.

SG19
 Status R
 MaxOcc 9999
Article and Despatched Article**SG22**
 Status R
 MaxOcc 1
Internal place of destination

An internal location within the ship-to's premises, where goods are moved to after they have been unloaded, e.g. an assembly line, an internal warehouse, etc.

LOC
 No 71
 Status M
 MaxOcc 1
Internal place of destination

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	Location function code qualifier Internal place of destination, e.g. warehouse / supermarket 7 Place of delivery	+7
C517	R		Location identification	
3225	O	an..5	Location identifier Identifier of location, site, etc. The value transferred here was formerly used on header level of the message as Place of Discharge LOC+11 by VW. Factually it is an internal destination or warehouse. With this version of the VW Guideline the value and the qualifier are used correctly according to the VDA recommendation	+12345
1131	N		Not used	:
3055	O	an..3	Code list responsible agency code Code specifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	: 92 '

Comment:

Example: LOC+7+12345 : : 92 '

UNTNo 72
Status M
MaxOcc 1**Message trailer**

	St	Format	Usage	Example
UNT				UNT
0074	M	n..6	Number of segments in the message Number of segments in the message	+73
0062	M	an..14	Message reference number Message reference number	+9 '

Comment:**Example:** **UNT+73+9 '**

UNZNo 73
Status M
MaxOcc 1**Interchange trailer**

	St	Format	Usage	Example
UNZ				UNZ
0036	M	n..6	Interchange control count	+1
0020	M	an..14	Interchange control reference	+144659 '

Comment:**Example:** **UNZ+1+144659 '**