VOLKSWAGEN GROUP

Volkswagen VDA 4943 T2 Packaging Despatch Advice

VDA 3.1
VW 2.2

Based on: VDA 4943 T2 - Global DESADV Lieferavis Leergut; VDA 3.1; VW 2.2

© VOLKSWAGEN Group

Table of content

1 Introduction 3
1.1 Purpose of the Document 3
1.2 Applicable Standards 3
1.3 Implementation Notes 3
2 Supported Processes 4
2.1 Returnable Packaging Shipping Process 4
2.2 Shipment Tracking 4
3 Validity Area 4
4 References 4
4.1 VOLKSWAGEN GROUP 4
4.2 Validation portal 4
4.3 VDA (German Association of the Automotive Industry) 4
4.4 Odette International 4
4.5 UN/EDIFACT 4
4 Changelog ..... **Fehler! Textmarke nicht definiert.**
5 Legend 8
6 Message type ..... **Fehler! Textmarke nicht definiert.**
7 Segment details ..... **Fehler! Textmarke nicht definiert.**

© VOLKSWAGEN Group

1 Introduction

1.1 Purpose of the Document

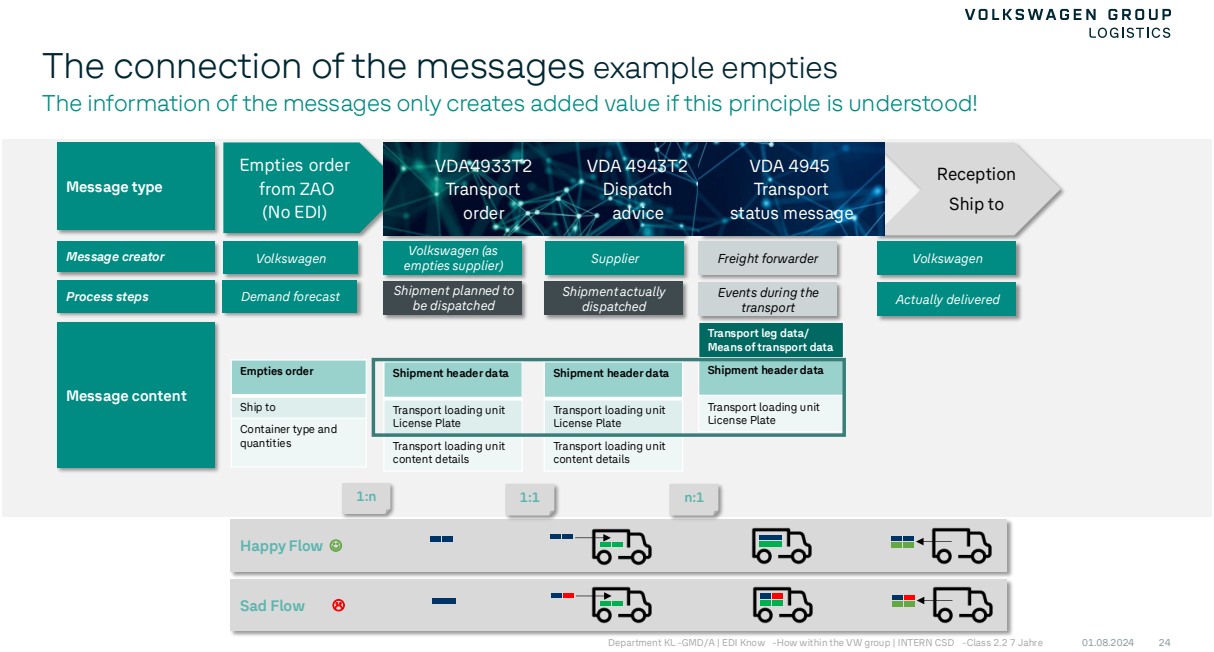
This document is intended to support partners in the implementation of the EDIFACT format used. It outlines the technical requirements of the VOLKSWAGEN GROUP for a digital despatch advice of a returnable packaging shipment, which must be created by the ship-from party.

1.2 Applicable Standards

In addition to the requirements described herein, the recommendations of the German Association of the Automotive Industry (VDA) according to VDA 4943 T2 "Despatch advice for Returnable Packaging" are mandatory.

1.3 Implementation Notes

To ensure correct implementation of the message, a comprehensive understanding of the logistical processes within the transport chain is essential. This includes, in particular, the interaction of the messages used—from transport notification and execution to delivery and billing of the transport service.



2 Supported Processes

The following processes are supported through the provision of the message:

2.1 Returnable Packaging Shipping Process

This message supports the returnable packaging shipping process at the sender's site. It contains detailed data about the shipment that has actually been handed over to the carrier.

2.2 Shipment Tracking

In addition to providing information about what has been shipped, the message represents the event of handover to the carrier and thus marks the status “Shipment dispatched” within the event-driven transport chain. For this reason, it is essential that the message is created and transmitted immediately upon handover to the carrier.
A copy of the message is made available to the contracted transport service provider either directly or via the portal provided by the VOLKSWAGEN GROUP. It serves as the digital basis for fulfilling the contractual obligations related to tracking the transport execution and subsequent billing of the transport service.

3 Validity Area

This recommendation applies to the Volkswagen Group's empties shipping process for supplying internal and external partners with reusable packaging.

4 References

Links to further information on the topic are provided below.

4.1 VOLKSWAGEN GROUP

Electronic Data Interchange (EDI) (vwgroupsupply.com)

4.2 Validation portal

Login -Volkswagen Validation.Portal

4.3 VDA (German Association of the Automotive Industry)

German Association of the Automotive Industry | VDA

4.4 Odette International

Resources | Odette

4.5 UN/EDIFACT

https://www.unece.org/cefact/edifact/welcome.html

© VOLKSWAGEN Group

Changelog

SG Se No DE		Date	Version	Description
Label type of the loading unit SG14 PCI 034 7511	Marking type code **J**	2025-10-10	2.1	marking type cade added
Transport details of the current transport leg SG6 TDT 023 8067	Transport mode name code **30**	2025-10-10	2.1	additional codes 10, 20, 40 added
Beginning of message BGM 004 1225	Message function code **9**	2025-10-10	2.1	The message function code was enabled prior to VDA activation based on an agreed-upon change request, which will be published in the next VDA release in December 2025.
Beginning of message BGM 004 1056	Version identifier	2025-10-10	2.1	The Version Identifier was enabled prior to VDA activation based on an agreed-upon change request, which will be published in the next VDA release in December 2025.
Label type of the loading unit SG14 PCI 034		2025-10-07	2.1	New C827 - Type of marking for data identifier of the label
Transport details of the current transport leg SG6 TDT 023 7041	Power type code **1**	2025-09-10	2.1	Code List added
Transport packaging unit - volume SG12 MEA 033 6411	Measurement unit code **MTQ**	2025-09-09	2.1	Segment added
Transport packaging unit - volume SG12 MEA 033		2025-09-08	2.1	Segment added
Maximum stackability for transport purposes SG12 MEA 032		2025-09-08	2.1	Segment added
Transport packaging unit - height SG12 MEA 031		2025-09-08	2.1	Segment added
Transport packaging unit - width SG12 MEA 030		2025-09-08	2.1	Segment added
Transport packaging unit - length SG12 MEA 029		2025-09-08	2.1	Segment added
Estimated arrival date/ time DTM 007		2025-09-08	2.1	Segment added to be used in GTL
Place of discharge / unloading point SG2 LOC 019		2025-09-04	2.1	Segment eingefügt
Quantity per transport loading unit SG19 QTY 039 6063	Quantity type code qualifier **490**	2025-09-02	2.1	Error correction of the VDA guideline: The quantity qualifier has been changed. Previously: 12 (quantity per shipment), now: 490 (quantity per loading unit).
Label IDs SG16 GIN 035		2025-09-02	2.1	SG16 Label numbers added
SG16		2025-09-02	2.1	Neu / New / enabled
Equipment details SG8 EQD 025		2025-09-02	2.1	Neu / New / enabled
Equipment details	Coded qualifier for type			

© VOLKSWAGEN Group

SG	Se	No	DE		Date	Version	Description
SG8 EQD 025			8053	of an equipment **TE**	2025-09-02	2.1	Neu / New / enabled
Equipment details SG8 EQD 025					2025-09-02	2.1	Neu / New / enabled
SG8					2025-09-02	2.1	Neu / New / enabled
Transport details of the current transport leg SG6 TDT 023					2025-09-02	2.1	Neu / New / enabled
Transport details of the current transport leg SG6 TDT 023					2025-09-02	2.1	Neu / New / enabled
Transport details of the current transport leg SG6 TDT 023			8179	Transport means description code **T02**	2025-09-02	2.1	Neu / New / enabled
Transport details of the current transport leg SG6 TDT 023					2025-09-02	2.1	Neu / New / enabled
Number of the Packaging Transport Service Order SG1 RFF 013					2025-09-01	2.1	Remark changed
Label type of the loading unit SG14 PCI 034			4233	Marking instructions code **17**	2025-08-04	2.1	Remark changed: old: 3 - customer sent data from the delivery instruction, to be printed as data matrix code DMC on the label in section E2 (see VDA 4994 for reference) 16 - customer sent data from the delivery instruction, to be printed as text on the label in section E2 (see VDA 4994 for reference). 17 - any other situation new: 17 - any other situation
SG14					2025-08-04	2.1	Segmentgruppe added
The freight forwarder is the business partner put in charge of the organisation of the transport SG2 NAD 021			3055	Code list responsible agency code **O91**	2023-05-08	2.1	Code 16 replaced by Code O91
Message trailer UNT 044					2022-12-08	2.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Message header UNH 003			0057	Association assigned code	2022-12-08	2.0	GAVV22 -> GAVV30
Message header UNH 003			0057	Association assigned code	2022-12-08	2.0	Remark eingefügt: In connection with directory 20B and syntax version "X", only code GAVV30 or higher is allowed.
Message header UNH 003					2022-12-08	2.0	Added remark: Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Interchange header UNB 002					2022-12-08	2.0	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,

© VOLKSWAGEN Group

SG	Se	No	DE		Date	Version	Description
							UNS, UNT, UNZ) were adapted accordingly. The user data segments were not changed.
Service string advice					2022-12-08	2.0	Added description: The use of UNA is strongly recommended and UNA5 must be blank.
	UNA	001					
Interchange header				Date of preparation	2022-11-30	2.1	Attention: Difference to S3, 8 digits (including century)! Format CCYYMMDD
	UNB	002	0017				
Interchange header				Syntax version number	2022-11-30	2.1	Added description: To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here.
	UNB	002	0002	**X**			

© VOLKSWAGEN Group

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 alpabetic, 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.

© VOLKSWAGEN Group

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:LEFAS+20221130:1446+144659++++++1'**
UNH	3	M	1	Message header **UNH+12345+DESADV:D:20B:UN:GAVV31'**
BGM	4	M	1	Beginning of message **BGM+X09::10+12347:1+9'**
DTM	5	R	1	Document date **DTM+137:10250630:102'**
DTM	6	O	1	Requested shipment date **DTM+10:20131201:102'**
DTM	7	O	1	Estimated arrival date/time **DTM+132:20131201:102'**
DTM	8	R	1	Despatch date, actual **DTM+11:20131201:102'**
MEA	9	O	1	Number of handling units in shipment **MEA+AAE++C62:9'**
MEA	10	R	1	Shipment gross weight **MEA+AAX+AAD+KGM:9'**
MEA	11	O	1	Shipment volume **MEA+AAX+ABJ+MTQ:9'**
SG1		R	1	Shipment number, assigned by packaging supplier
RFF	12	M	1	Shipment number, assigned by packaging supplier **RFF+CRN:956956'**
SG1		O	1	Number of the Packaging Transport Order
RFF	13	R	1	Number of the Packaging Transport Service Order **RFF+TIN:67894356'**
SG1		O	1	Transport chain reference
RFF	14	M	1	Transport chain reference **RFF+AKI:Transport ID'**
SG2		R	1	Ship from
NAD	15	M	1	Ship from - Shipping point empties **NAD+SF+0007130000::091++VOLKSWAGEN AG:Name2+Berliner Ring 2 Tor:X+Wolfsburg++38436+DE'**
LOC	16	O	1	Shipping location/ Place of loading **LOC+9+11LG::091:Volkswagen AG;Tor Sandkamp;Wolfsburg;3843**

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)

© VOLKSWAGEN Group

Tag	No	St	MaxOcc	Name
				6;;DE'
SG3		O	1	Additional Party ID (DUNS or account ID)
RFF	17	M	1	Reference **RFF+ANK:395234523'**
SG2		R	1	Ship to
NAD	18	M	1	Ship to's name and address **NAD+ST+0000128300::091++Automotive AG:Name2+Street1:Stree t2+City++12345+DE'**
LOC	19	O	1	Place of discharge / unloading point **LOC+11+LGP05::092:Name;Straße Hausnummer;Ort;35467;DE+52. 515738, 13.393085'**
SG3		R	1	Additional Party ID (DUNS)
RFF	20	M	1	Reference **RFF+ANK:568674943'**
SG2		R	1	Freight forwarder
NAD	21	M	1	The freight forwarder is the business partner put in charge of the organisation of the transport **NAD+FW+0002400400::091++Forwarder:Name2+Street1:Street2+C ity++12345+DE'**
SG3		O	1	Additional Party ID (DUNS)
RFF	22	M	1	Reference **RFF+ANK:159753456'**
SG6		O	1	Transport details of the current transport leg
TDT	23	M	1	Transport details of the current transport leg **TDT+12++30+T02++++AB 123++1+47565717:789678:92:contract10 '**
TMD	24	O	1	Transport movement type and loading sequence **TMD+X01+1'**
SG8		O	1	Transport equipment
EQD	25	M	1	Equipment details **EQD+TE+X'**
SEL	26	O	25	Seal number **SEL+X'**
SG11		R	9999	Despatch control line identical transport handling units
CPS	27	M	1	Consignment packing sequence **CPS+1++3'**
SG12		R	1	Group of packaging items
PAC	28	M	1	Package **PAC+5++114888::091'**
MEA	29	D	1	Transport packaging unit - length

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)

© VOLKSWAGEN Group

Tag	No	St	MaxOcc	Name
				MEA+AAZ+LN+MMT:9'
MEA	30	D	1	Transport packaging unit - width **MEA+AAZ+WD+MMT:9'**
MEA	31	D	1	Transport packaging unit - height **MEA+AAZ+HT+MMT:9'**
MEA	32	O	1	Maximum stackability for transport purposes **MEA+ABU++C62:9'**
MEA	33	O	1	Transport packaging unit - volume **MEA+AAZ+ABJ+MTQ:9'**
SG14		O	1000	List of individual package items
PCI	34	M	1	Label type of the loading unit **PCI+17+++J::5'**
SG16		O	99	Label number(s)
GIN	35	M	1	Label IDs **GIN+ML+JUN123456789000014345+JUN123456789000014346+JUN123456789000014347+JUN123456789000014348+JUN123456789000014349'**
SG17		O	1	Individual transport handling unit's weights
COD	36	M	1	Trigger segment **COD+NO'**
MEA	37	D	1	Transport handling unit's gross weight **MEA+AAZ+AAB+KGM:90'**
SG19		O	9999	Article identification and despatch quantity
LIN	38	M	1	Packaging code of supplier of empties **LIN+++114888:O91'**
QTY	39	R	1	Quantity per transport loading unit **QTY+490:1:C62'**
SG11		R	9999	Summarised figures of all packaging items in the shipment
CPS	40	M	1	Consignment packing sequence **CPS+2++5'**
SG19		R	9999	Article identification and despatch quantity
LIN	41	M	1	Packaging code of customer **LIN+++114888:O91'**
QTY	42	R	1	Despatched quantity **QTY+12:1:C62'**
SG20		O	1	Shipment / Delivery note reference
RFF	43	M	1	Shipment / Delivery note reference **RFF+AAU:956956'**
UNT	44	M	1	Message trailer

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)

© VOLKSWAGEN Group

Tag	No	St	MaxOcc	Name
				UNT+42+12345'
UNZ	45	M	1	Interchange trailer **UNZ+1+144659'**

© VOLKSWAGEN Group

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 **: Colon**	**:**
UNA2	M	an1	**Data element separator** Plus sign **+ Plus sign**	**+**
UNA3	M	an1	**Decimal notation** Full stop **. Decimal point full stop**	**.**
UNA4	M	an1	**Release indicator** Question mark **? Question mark**	**?**
UNA5	M	an1	**Reserved for future use** **Blank**	
UNA6	M	an1	**Segment terminator** Apostrophe **' Apostrophe**	**'**

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

Example: `UNA:+.? '`

© VOLKSWAGEN Group

UNB

No 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** **X Syntax version 4 ISO 9735-11 profile.** To use syntax version 4 according to the ISO 9735-11 profile, code "X" must be used here.	:X
S002	M		**Interchange sender**	
0004	M	an..35	**Sender identification** Unique ID of the sender in the data transmission network or system.	+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 sender's site to which reply messages should be routed.	:123
S003	M		**Interchange recipient**	
0010	M	an..35	**Recipient identification** Unique ID of the receiver in the data transmission network or system.	+987654321
0007	O	an..4	**Partner identification code qualifier**	:1
0014	O	an..14	**Routing address** Address of an application or an internal system at receiver's side: some OEMs generate delivery calls, etc. in different ERP systems. In this case, the despatch advice received from the supplier needs to be forwarded to the respective ERP system. In principle, EDIFACT refers to the UNB segment for a return address (section completed during delivery call) and a forwarding address (to be included in the despatch advice). Criteria for system change: Customer number, plant/work and unloading location The customer must submit an allocation table so that the supplier can store and apply these rules!	:LEFAS
S004	M		**Date/time of preparation**	
0017	M	n8	**Date of preparation** Attention: Difference to S3, 8 digits (including century)! Format CCYYMMDD	+20221130
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	+

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)

© VOLKSWAGEN Group

	St	Format	Usage	Example
0032	N		Not used	+
0035	O	n1	**Test indicator** **1 Interchange is a test** Only to be used for data interchange test purposes. Omit this 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:LEFAS+20221130:1446+144659++++++1'`

© VOLKSWAGEN Group

UNH

No 3
Status M
MaxOcc 1

Message header

	St	Format	Usage	Example
UNH				UNH
0062	M	an..14	**Message reference number** Message reference number (in the interchange)	+12345
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** Identification of the subset release, assigned by VDA. In connection with directory 20B and syntax version "X", only code GAVV30 or higher is allowed. **GAVV31 VDA Packaging Despatch Advice - DESADV V3.1**	:GAVV31'

Comment:

Example: UNH+12345+DESADV:D:20B:UN:GAVV31'

© VOLKSWAGEN Group

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** **X09 Packaging Despatch Advice**	+X09
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **10 ODETTE**	:10
C106	R		**Document/message identification**	
1004	R	an..35	**Document number** Unique identifier of the document. No duplicates during calendar year.	+12347
1056	O	n..2	**Version identifier** May be used to distinguish several versions of the message (e.g. subsequent cancellation)	:1
1225	R	an..3	**Message function code** **1 Cancellation** **9 Original** Cancellations If a despatch advice has been created but the shipment was not dispatched, a new despatch advice must be sent with the same information as in the original message and using code 1.	+9'

Comment:

Example: BGM+X09::10+12347:1+9'

© VOLKSWAGEN Group

DTM

No 5
Status R
MaxOcc 1

Document 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	n..12	**Date or time or period text** Date/time of creation of the despatch Advice	:10250630
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment:

Example: DTM+137:10250630:102'

© VOLKSWAGEN Group

DTM

No 6
Status O
MaxOcc 1

Requested shipment date

	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	n..12	**Requested Pick up date/Time**	:20131201
2379	R	an..3	**Date or time or period format code** The use of time / time window depends on the concrete contract between the customer, supplier and transport service provider **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment:

Example: DTM+10:20131201:102'

© VOLKSWAGEN Group

DTM

No 7
Status O
MaxOcc 1

Estimated arrival date/time

	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..24	**Date or time or period text** Goods arrival date/time, as estimated by sender.	:20131201
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM** **205 CCYYMMDDHHMMZHHMM** **719 CCYYMMDDHHMM-CCYYMMDDHHMM** The use of date, date/time or date/time window depends on the concrete contract between the customer, supplier and transport service provider.	:102'

Comment: The arrival date/time at ship-to premises as calculated by the ship-from. Strongly recommended to be included if known.

Example: DTM+132:20131201:102'

© VOLKSWAGEN Group

DTM

No 8
Status R
MaxOcc 1

Despatch date, actual

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **11 Despatch date and or time**	+11
2380	R	an..17	**Date or time or period text** actual Date/time of despatch of the goods	:20131201
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment:

Example: DTM+11:20131201:102'

© VOLKSWAGEN Group

MEA

No 9
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	C	an..3	**Measured attribute code**	**+**
C174	R		**Value/range**	
6411	C	an..8	**Measurement unit code** **C62 one**	**+C62**
6314	R	n..9	**Measure** Actual number of handling units in shipment (for definition of handling unit, see process description)	**:9'**

Comment:

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

© VOLKSWAGEN Group

MEA

No 10
Status R
MaxOcc 1

Shipment gross weight

	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	C	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..9	**Shipment's gross weight** Gross weight - weight (mass) without carrier's equipment	**:9'**

Comment:

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

© VOLKSWAGEN Group

MEA

No 11
Status O
MaxOcc 1

Shipment volume

	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** **ABJ Volume**	**+ABJ**
C174	R		**Value/range**	
6411	C	an..8	**Measurement unit code** **DMQ cubic decimetre** **LTR litre** **MTQ cubic metre**	**+MTQ**
6314	R	n..9	**Shipment volume**	**:9'**

Comment:

Example: **MEA+AAX+ABJ+MTQ:9'**

SG1	Status	R
	MaxOcc	1

Shipment number, assigned by packaging supplier

RFF	No	12
	Status	M
	MaxOcc	1

Shipment number, assigned by packaging supplier

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier**	+CRN
			CRN Transport means journey identifier	
1154	R	an..35	**Shipment number, assigned by packaging supplier**	:956956'

Comment:

Example: RFF+CRN:956956'

© VOLKSWAGEN Group

SG1 Status O, MaxOcc 1 — **Number of the Packaging Transport Order**

Required if there is a packaging transport service order.

RFF No 13, Status R, MaxOcc 1 — **Number of the Packaging Transport Service Order**

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **TIN Transport instruction number**	+TIN
1154	C	an..20	**Number of the Packaging Transport Service Order** If no transport order number from a previous transport order (VDA 4933 T2) is available, "NA" must be entered as the reference.	:67894356'

Comment: Transport order number of the empties sender, such as a shipping point of a VW plant

Example: `RFF+TIN:67894356'`

© VOLKSWAGEN Group

SG1	Status	O	Transport chain reference
	MaxOcc	1	

RFF	No	14	Transport chain reference
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **AKI Ordering customer's second reference number**	+AKI
1154	R	an..35	**Transport chain reference**	:Transport ID'

Comment: This reference forms the staple over the individual transport sections of a shipment with a separate order in a segmented transport chain. It is assigned by the forwarder of the first transport order. It can be the same as the order number of the first transport order. In segmented transport chains, this reference should be transmitted in all further messages, consequently also in billing.

Example: `RFF+AKI:Transport ID'`

© VOLKSWAGEN Group

SG2	Status	R	Ship from
	MaxOcc	1	
NAD	No	15	**Ship from - Shipping point empties**
	Status	M	
	MaxOcc	1	

	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	n10	**Party identifier** VW Supplier number	+0007130000
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **O91 Assigned by the provider of the empty packaging**	:O91
C058	N			
3124	M	an..35	**Name and address description**	+
C080	O		**Party name**	
3036	M	an..35	**Party name** Single text line for party name	+VOLKSWAGEN AG
3036	O	an..35	**Party name** see 3036 # 1	:Name2
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	+Berliner Ring 2 Tor
3042	C	an..35	**Street and number or post office box identifier** see 3042 # 1	:X
3164	O	an..35	**City name**	+Wolfsburg
C819	O		**Country subdivision details**	
3229	C	an..9	**Country subdivision identifier** State or region within a country. The use of UN LoCodes is recommended.	+
3251	C	an..17	**Postal identification code** Identifier of one or more address data properties according to the postal service of the respective country	+38436
3207	O	a2	**Country identifier** Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE'

Comment: Party that despatches the goods or makes them ready for collection

Example: `NAD+SF+0007130000::O91++VOLKSWAGEN AG:Name2+Berliner Ring 2 Tor:X +Wolfsburg++38436+DE'`

© VOLKSWAGEN Group

SG2	Status	R
	MaxOcc	1

Ship from

LOC	No	16
	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	O		**Location identification**	
3225	R	an..35	**Location identifier** Location ID of the Shipping location/ Place of loading If the loading point is specified in more detail, the corresponding reference is transferred here. This can, for example, be the empties location within the plant premises.	+11LG
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **O91 Assigned by the provider of the empty packaging**	:O91
3224	O	an..256	**Location name** Name of place/location; if necessary, use complete address. If an address is to be specified here, the individual components are to be transferred in a structured manner, separated by semicolons in the order described: Name; Street, house number; Place; Post Code; Regional code; Country (2 digit ISO code).	:Volkswagen AG;Tor Sandkamp; Wolfsburg; 38436;;DE'

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

Example: `LOC+9+11LG::O91:Volkswagen AG;Tor Sandkamp;Wolfsburg;38436;;DE'`

© VOLKSWAGEN Group

SG2	Status R MaxOcc 1	**Ship from**
SG3	Status O MaxOcc 1	**Additional Party ID (DUNS or account ID)**
RFF	No 17 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** This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number. The account number (Qualifier ADE) can be used if aside of the supplier number and the DUNS number a third identifier is neccessary (e.g. in certain CKD delivery processes).	**:395234523'**

Comment: This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number

Example: **RFF+ANK:395234523'**

© VOLKSWAGEN Group

SG2	Status	R	Ship to
	MaxOcc	1	
NAD	No	18	**Ship to's name and address**
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **ST Ship to**	+ST
C082	R		**Party identification details**	
3039	R	n10	**Party identifier**	+0000128300
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **O91 Assigned by the provider of the empty packaging**	:O91
C058	N			
3124	M	an..35	**Name and address description**	+
C080	O		**Party name**	
3036	M	an..35	**Party name** Single text line for specification of a name	+Automotive AG
3036	O	an..35	**Party name** Single text line for specification of a name	:Name2
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	+Street1
3042	O	an..35	**Street and number or post office box identifier**	:Street2
3164	O	an..35	**City name** The name of the city, town, or village of this address.	+City
C819	O		**Country subdivision details**	
3229	C	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	+12345
3207	O	a2	**Country identifier** Provides the country part of an address using a code. Use ISO3166 two alpha code. The codes of this codelist are documented in a separate document	+DE'

Comment:

Example: `NAD+ST+0000128300::O91++Automotive AG:Name2+Street1:Street2+City+ +12345+DE'`

© VOLKSWAGEN Group

SG2	Status	R	Ship to
	MaxOcc	1	

LOC	No	19	Place of discharge / unloading point
	Status	O	
	MaxOcc	1	

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	**Location function code qualifier** **11 Place of discharge**	+11
C517	R		**Location identification**	
3225	O	an..17	**Location identifier** Identifier of location, site, etc.	+LGP05
1131	N		Not used	:
3055	D	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. Has to be provided if 3225 is used. **O92 Assigned by the receiver of the empty packaging**	:O92
3224	O	an..256	**Location name** Name of place/location; if necessary, use complete address. If an address is to be specified here, the individual components are to be transferred in a structured manner, separated by semicolons in the order described: Name; Street, house number; Place; Post Code; Regional code; Country (2 digit ISO code).	:Name;Straße Hausnummer; Ort;35467;DE
C519	O		**Related location one identification**	
3223	R	an..35	**Geo coordinates - latitude/longitude** Geo coordinates in decimal degrees: latitude, longitude For latitude: positive values identify the northern hemisphere, negative values the southern hemisphere (-90..90). For longitude: positive values identify the east of the zero meridian, negative values the west of the zero meridian (-180..180).	+52.515738, 13.393085'

Comment: The place where the empty packaging is unloaded from the means of transport.

Example: `LOC+11+LGP05::O92:Name;Straße Hausnummer;Ort;35467;DE+52.515738, 13.393085'`

© VOLKSWAGEN Group

SG2	Status R MaxOcc 1	**Ship to**
SG3	Status R MaxOcc 1	**Additional Party ID (DUNS)**
RFF	No 20 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	**:568674943'**

Comment: This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number.

Example: **RFF+ANK:568674943'**

© VOLKSWAGEN Group

SG2	Status R MaxOcc 1	**Freight forwarder**
NAD	No 21 Status M MaxOcc 1	**The freight forwarder is the business partner put in charge of the organisation of the transport**

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **FW Freight forwarder**	+FW
C082	O		**Party identification details**	
3039	R	n10	**Party identifier** Unique identifier of business partner (customer number, supplier number, DUNS number, etc.).	+0002400400
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **O91 Assigned by the provider of the empty packaging**	:O91
C058	N			
3124	M	an..35	**Name and address description**	+
C080	O		**Party name**	
3036	M	an..35	**Party name** Freight Forwarder's Name Single text line for specification of a name	+Forwarder
3036	O	an..35	**Party name** see 3036 # 1	:Name2
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	+Street1
3042	O	an..35	**Street and number or post office box identifier** see 3042 # 1	:Street2
3164	O	an..35	**City name** The name of the city, town, or village of this address.	+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	O	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	a2	**Country identifier** Provides the country part of an address using a code. Use ISO3166 two alpha code.	+DE'

Comment:

Example: `NAD+FW+0002400400::O91++Forwarder:Name2+Street1:Street2+City++12345+DE'`

© VOLKSWAGEN Group

SG2	Status R MaxOcc 1	**Freight forwarder**
SG3	Status O MaxOcc 1	**Additional Party ID (DUNS)**
RFF	No 22 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	:159753456'

Comment: This segment can be used to transmit the DUNS number of the business partner, in addition to the customer number or the supplier number.

Example: **RFF+ANK:159753456'**

© VOLKSWAGEN Group

SG6	Status	O
	MaxOcc	1

Transport details of the current transport leg

TDT	No	23
	Status	M
	MaxOcc	1

Transport details of the current transport leg

	St	Format	Usage	Example
TDT				TDT
8051	M	an..3	**Transport stage code qualifier** **12 At departure**	+12
8028	N		Not used	+
C220	O		**Mode of transport**	
8067	R	an..3	**Transport mode name code** Code of mode of transport. Use UN/ECE Recommendation No 19. **10 Maritime transport** **20 Rail transport** **30 Road transport** **40 Air transport**	+30
C001	O		**Transport means**	
8179	R	an..8	**Transport means description code** **T01 Eurotrailer H 2.6, W 2.48, L 13.6 tarpauline or box** **T02 Megatrailer H 3.0, W 2.48, L 13.6 tarpauline or box** **T03 Jumbo swap body L 7.82, H 3.0, W 2.48 m** **T04 Jumbo trailer pull** **T05 7.5 ton** **T06 VAN / bus** **T07 Car** **T08 Aircraft** **T09 Ocean Vessel** **T10 Gigaliner** **T11 Tautliner** **T12 Railway wagon** **T13 Gooseneck Chassis**	+T02
C040	N			
3127	C	an..17	**Carrier identifier**	+
8101	N		Not used	+
C401	N			
8457	M	an..3	**Excess transportation reason code**	+
C222	R		**Transport identification**	
8213	R	an..35	**Transport means identification name identifier** Identifier of a means of transport, like license plate etc.	+AB 123
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**	+1
C290	O		**Transport service**	
8462	O	an..17	**Transport service identification code**	+47565717
1131	C	an..17	**Code list identification code**	:789678

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)

© VOLKSWAGEN Group

	St	Format	Usage	Example
3055	O	an..3	**Code list responsible agency code** **87 Assigned by carrier** **91 Assigned by seller or seller's agent** **92 Assigned by buyer or buyer's agent**	:92
8463	C	an..35	**Transport service name**	:contract10'

Comment:

Example: TDT+12++30+T02++++AB 123++1+47565717:789678:92:contract10'

© VOLKSWAGEN Group

SG6	Status O MaxOcc 1	**Transport details of the current transport leg**
TMD	No 24 Status O MaxOcc 1	**Transport movement type and loading sequence**

	St	Format	Usage	Example
TMD				`TMD`
C219	O		**Movement type**	
8335	R	an..3	**Movement type description code** **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 cros-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 occurency of the segment/groups, St = Status (M/R=Mandatory/Required, C/O=Optional, D=Depending, A=Advised, N=Not used)

© VOLKSWAGEN Group

SG8	Status	O	Transport equipment
	MaxOcc	1	

EQD	No	25	Equipment details
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
EQD				EQD
8053	M	an..3	**Coded qualifier for type of an equipment** **CN Container** **RR Rail car** **SW Swap body** **TE Trailer**	+TE
C237	O		**Equipment identification**	
8260	O	an..17	**Equipment identifier** Identifier of an equipment used.	+X'

Comment: Information identifying and describing the equipment used.

Example: EQD+TE+X'

© VOLKSWAGEN Group

SG8	Status	O
	MaxOcc	1

Transport equipment

SEL	No	26
	Status	O
	MaxOcc	25

Seal number

	St	Format	Usage	Example
SEL				SEL
9308	R	an..35	**Transport unit seal identifier** Seal number	+X'

Comment:

Example: SEL+X'

© VOLKSWAGEN Group

SG11	Status	R	**Despatch control line identical transport handling units**
	MaxOcc	9999	
CPS	No	27	**Consignment packing sequence**
	Status	M	
	MaxOcc	1	

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

Comment:

Example: CPS+1++3'

© VOLKSWAGEN Group

SG11 Status R, MaxOcc 9999 — **Despatch control line identical transport handling units**

SG12 Status R, MaxOcc 1 — **Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

PAC No 28, Status M, MaxOcc 1 — **Package**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..4	**Package quantity** Number of packages assigned to this group (number of identical packages).	+5
C531	N			
7075	C	an..3	**Packaging level code**	+
C202	R		**Package type** Packaging type specified by customer	
7065	R	an..7	**Packaging code of the packaging supplier**	+114888
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** **O91 Assigned by the provider of the empty packaging**	:O91'

Comment:

Example: `PAC+5++114888::O91'`

© VOLKSWAGEN Group

SG11 Status R, MaxOcc 9999 — **Despatch control line identical transport handling units**

SG12 Status R, MaxOcc 1 — **Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

MEA No 29, Status D, MaxOcc 1 — **Transport packaging unit - 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** **MMT millimetre**	+MMT
6314	R	n..9	**Transport packaging unit - length**	:9'

Comment: Required if no bundle type has been specified.

Example: `MEA+AAZ+LN+MMT:9'`

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Despatch control line identical transport handling units**
SG12	Status R MaxOcc 1	**Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

MEA	No 30 Status D MaxOcc 1	**Transport packaging unit - 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** **WD Width dimension**	**+WD**
C174	R		**Value/range**	
6411	C	an..8	**Measurement unit code** **MMT millimetre**	**+MMT**
6314	R	n..9	**Transport packaging unit - width**	**:9'**

Comment: Required if no bundle type has been specified.

Example: **MEA+AAZ+WD+MMT:9'**

© VOLKSWAGEN Group

SG11 Status R, MaxOcc 9999 — **Despatch control line identical transport handling units**

SG12 Status R, MaxOcc 1 — **Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

MEA No 31, Status D, MaxOcc 1 — **Transport packaging unit - 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	C	an..8	**Measurement unit code** **MMT millimetre**	+MMT
6314	R	n..9	**Transport packaging unit - height**	:9'

Comment: Required if no bundle type has been specified.

Example: `MEA+AAZ+HT+MMT:9'`

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Despatch control line identical transport handling units**
SG12	Status R MaxOcc 1	**Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

MEA	No 32 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..9	**Maximum stackability for transport purposes** Maximum number of THU that can be safely included in a stack i.e. 1 indicates that nothing can be stacked on top	**:9'**

Comment:

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

© VOLKSWAGEN Group

SG11 Status R, MaxOcc 9999 — **Despatch control line identical transport handling units**

SG12 Status R, MaxOcc 1 — **Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

MEA No 33, Status O, MaxOcc 1 — **Transport packaging unit - volume**

	St	Format	Usage	Example
MEA				MEA
6311	M	an..3	**Measurement purpose code qualifier** **AAZ Handling unit measurement**	+AAZ
C502	R		**Measurement details**	
6313	C	an..3	**Measured attribute code** **ABJ Volume**	+ABJ
C174	C		**Value/range**	
6411	C	an..8	**Measurement unit code** **DMQ cubic decimetre** **MTQ cubic metre**	+MTQ
6314	C	n..9	**Transport packaging unit - volume**	:9'

Comment:

Example: `MEA+AAZ+ABJ+MTQ:9'`

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Despatch control line identical transport handling units**
SG12	Status R MaxOcc 1	**Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

SG14	Status O MaxOcc 1000	**List of individual package items**
PCI	No 34 Status M MaxOcc 1	**Label type of the loading unit**

	St	Format	Usage	Example
PCI				`PCI`
4233	O	an..3	**Marking instructions code** **17 Seller's instructions** 17 - any other Situation	`+17`
C210	N			
7102	N		Not used	`+`
8169	N		Not used	`+`
C827	O		**Type of marking**	
7511	R	an..3	**Marking type code** The Data Identifier (DI) of the label is the first part of the transport label. Use J if a license plate is used in the GIN+ML. **J Unique number of a transport handling unit**	`+J`
1131	N		Not used	`:`
3055	R	an..3	**Code list responsible agency code** **5 ISO (International Organization for Standardization)** Code specifying the agency responsible for a code list.	`:5'`

Comment: Each segment group 14 represents exactly one handling unit with its components/properties

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

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Despatch control line identical transport handling units**
SG12	Status R MaxOcc 1	**Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

SG14	Status O MaxOcc 1000	**List of individual package items**
SG16	Status O MaxOcc 99	**Label number(s)**
GIN	No 35 Status M MaxOcc 1	**Label IDs**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **ML Marking/label number**	+ML
C208	M		**Identity number range**	
7402	M	an..35	**Object identifier** Label ID If the global transport label is used the label ID of the TPU (license plate), consists of the issuing agency code (IAC) (e.g. UN for Dun & Breadstreet), the company code of the shipper (e.g. DUNS number) plus the unique ID of the shipping unit assigned by shipper, who was identified e.g. with the DUNS number (e.g. 000012345) => UN123456789000012345.	+JUN123456789000014345
C208	O		**Identity number range**	
7402	M	an..35	**Object identifier** see 7402 # 1	+JUN123456789000014346
C208	O		**Identity number range**	
7402	M	an..35	**Object identifier** see 7402 # 1	+JUN123456789000014347
C208	O		**Identity number range**	
7402	M	an..35	**Object identifier** see 7402 # 1	+JUN123456789000014348
C208	O		**Identity number range**	
7402	M	an..35	**Object identifier** see 7402 # 1	+JUN123456789000014349'

Comment: Packaging number specified by ship from of the empty packaging TPU.

Example: GIN+ML+JUN123456789000014345+JUN123456789000014346+JUN123456789000014347+JUN123456789000014348+JUN123456789000014349'

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Despatch control line identical transport handling units**
SG12	Status R MaxOcc 1	**Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

SG14	Status O MaxOcc 1000	**List of individual package items**
SG17	Status O MaxOcc 1	**Individual transport handling unit's weights**
COD	No 36 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 '

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Despatch control line identical transport handling units**
SG12	Status R MaxOcc 1	**Group of packaging items**

The number of SG 11 in a group of inner packaging items shall not exceed 9999.

SG14	Status O MaxOcc 1000	**List of individual package items**
SG17	Status O MaxOcc 1	**Individual transport handling unit's weights**
MEA	No 37 Status D MaxOcc 1	**Transport handling unit's 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..9	**Transport handling unit's gross weight**	**:90'**

Comment: Required if no bundle type has been specified.

Example: **MEA+AAZ+AAB+KGM:90'**

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Despatch control line identical transport handling units**
SG19	Status O MaxOcc 9999	**Article identification and despatch quantity**
LIN	No 38 Status M MaxOcc 1	**Packaging code of supplier of empties**

	St	Format	Usage	Example
LIN				`LIN`
1082	N		Not used	`+`
1229	N		Not used	`+`
C212	O		**Item number identification**	
7140	R	an..35	**Packaging code of the packaging supplier**	`+114888`
7143	R	an..3	**Item type identification code** **O91 Assigned by the provider of the empty packaging**	`:O91'`

Comment: The empty packages given here are used for assignment to specific transport loading units. For the accounting the LIN group in the CPS+++5'-group is used.

Example: `LIN+++114888:O91'`

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Despatch control line identical transport handling units**
SG19	Status O MaxOcc 9999	**Article identification and despatch quantity**
QTY	No 39 Status R MaxOcc 1	**Quantity per transport loading unit**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **490 Constituent element or component quantity**	+490
6060	R	n..4	**Quantity** Despatched quantity Number of packages assigned to this group (number of identical packages).	:1
6411	O	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**	:C62'

Comment:

Example: QTY+490:1:C62'

© VOLKSWAGEN Group

SG11	Status	R	**Summarised figures of all packaging items in the shipment**
	MaxOcc	9999	

CPS	No	40	**Consignment packing sequence**
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
CPS				CPS
7164	M	n..6	**Hierarchical structure level identifier** Incremented counter generated by message sender, assigned to a packaging group in the message. We recommend starting at 1.	+2
7166	N		Not used	+
7075	R	an..3	**Packaging level code** Code specifying the packaging level. **5 Shipment level**	+5'

Comment:

Example: CPS+2++5'

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Summarised figures of all packaging items in the shipment**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**
LIN	No 41 Status M MaxOcc 1	**Packaging code of customer**

	St	Format	Usage	Example
LIN				`LIN`
1082	N		Not used	`+`
1229	N		Not used	`+`
C212	R		**Item number identification**	
7140	R	an..7	**Packaging code of the packaging supplier** For bundles, the type of the bundle can be specified here.	`+114888`
7143	R	an..3	**Item type identification code** **O91 Assigned by the provider of the empty packaging**	`:O91'`

Comment: All empty packages in the delivery are listed here for accounting. For the assignment of empty packages to a specific transport loading units the CPS +++ 3'-group is used.

Example: `LIN+++114888:O91'`

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Summarised figures of all packaging items in the shipment**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**
QTY	No 42 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	R	n..4	**Despatched quantity** The total sum of packaging items identified in LIN-Segment in this shipment.	:1
6411	O	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**	:C62'

Comment:

Example: `QTY+12:1:C62'`

© VOLKSWAGEN Group

SG11	Status R MaxOcc 9999	**Summarised figures of all packaging items in the shipment**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**
SG20	Status O MaxOcc 1	**Shipment / Delivery note reference**
RFF	No 43 Status M MaxOcc 1	**Shipment / Delivery note reference**

	St	Format	Usage	Example
RFF				**RFF**
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **AAU Despatch note document identifier**	**+AAU**
1154	R	an..35	**Reference identifier** Delivery note number	**:956956'**

Comment:

Example: **RFF+AAU:956956'**

© VOLKSWAGEN Group

UNT

No 44
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	+42
0062	M	an..14	**Message reference number** Message reference number	+12345'

Comment:

Example: UNT+42+12345'

© VOLKSWAGEN Group

UNZ

No 45
Status M
MaxOcc 1

Interchange trailer

	St	Format	Usage	Example
UNZ				UNZ
0036	M	n..6	**Interchange control count** Number of messages in the interchange	+1
0020	M	an..14	**Interchange control reference** Unique ID of the interchange.	+144659'

Comment:

Example: UNZ+1+144659'

© VOLKSWAGEN Group