VOLKSWAGEN GROUP

VDA 4987 T2 Despatch Advice Material

VDA 3.0
VW 4.0

Based on: VDA 4987 T2 Global DESADV Lieferavis Vollgut; VDA 3.0; VW 4.0

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1 Introduction

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

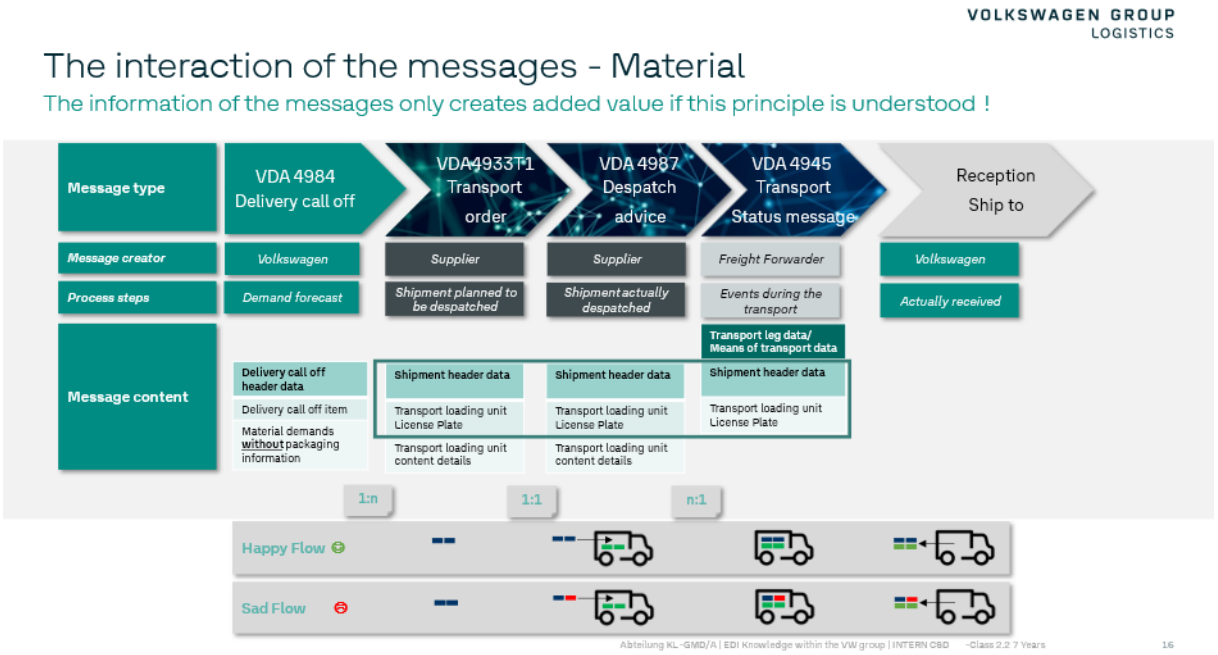
This guideline describes the technical requirements of the VOLKSWAGEN GROUP for a digital despatch advice from a consignor (Ship-from) to a consignee (Ship-To.

This guideline is based on VDA recommendation 4987.

For the correct implementation of this message, it is important to understand the interaction of the logistics in the transport chain.

VDA 4987 must always be sent for all delivery processes. Exceptions to this rule depend on the process and must be agreed with the consignee.

The VDA 4987 must be sent directly after the goods leave the consignor's place of dispatch.



This user manual describes the specific characteristics of the VDA

4987 recommendation for the Volkswagen Group. The term ‘Volkswagen’ refers to all participating companies of the Volkswagen Group.

In addition, the regulations of the VDA recommendation including the packaging examples apply.

1.1 Supported processes

VDA 4987 must always be sent for all delivery processes. Exceptions to this rule depend on the process and must be agreed with the consignee.

The VDA 4987 must be sent directly after the goods leave the consignor's place of despatch.

1.2 Area of validity

As a rule this recommendation applies to all participating Volkswagen brands and locations. The specific brands and locations are shown in the overview of the Virtual File Names.

Until further notice, this Guideline does not apply to

- Porsche AG
- MAN AG
- Scania
- Ducati
- VW do Brasil

In case of doubt, please contact the Volkswagen EDI Support.

2 References

The following are links to further information on the topic.

2.1 VOLKSWAGEN GROUP

Electronic data interchange (EDI)

2.2 Validation portal

Log On -Volkswagen Validation.Portal

2.3 VDA (Verband der Automobilindustrie)

German Association of the Automotive Industry | VDA

2.4 Odette International

Resources | Odette

2.5 UN/EDIFACT

Introducing UN/EDIFACT | UNECE

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Changelog

SG Se No DE		Date	Version	Description
Label ID of the packaging (packaging item number) SG16 GIN 077 7402	Object identifier	2025-03-27	4.0	Remark changed Old: As IAC (Issuing Agency Code) UN is to be used exclusively. As CIN (Company Identification Code) only the DUNS number is allowed. If the DUNS no. does not correspond to the DUNS of the seller from NAD+SE, this must be agreed with the receipient plant. The serial number is the value of the first DE 7402 (package number). New As IAC (Issuing Agency Code) UN is to be used exclusively. As CIN (Company Identification Code) only the DUNS (RFF+ANK) of the ship from is allowed . The serial number is the value of the first DE 7402 (package number).
Label / packaging item ID of the packaging items included in the loading unit SG16 GIN 052 7402	Object identifier	2025-03-27	4.0	Remark changed old: Label ID of the logistics package unit (license plate), consisting of the data identifier (DI) of the handling unit (e. g. 1J), 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) => 6JUN123456789000012345 new: Label ID der Verpackungseinheit (License Plate), die sich zusammensetzt aus Data Identifier (DI) der Ladeeinheit (z.B. 1J), der Code zuweisenden Agentur (innerhalb der Volkswagen Group UN für Dun & Breadstreet), der Duns Nr. des Warenversenders (NAD+SF) und der eindeutigen ID der Versandeinheit, zugewiesen vom Warenversender, (z.B. 000012345) => 6JUN123456789000012345
Packaging item number of the loading unit. SG16 GIN 050 7402	Object identifier	2025-03-27	4.0	Remark changed Old: As IAC (Issuing Agency Code) UN is to be used exclusively. As CIN (Company Identification Code) only the DUNS number is allowed. If the DUNS no. does not correspond to the DUNS of the seller from NAD+SE, this must be agreed with the receipient plant. The serial number is the value of the first DE 7402 (package number). New As IAC (Issuing Agency Code) UN is to be used exclusively. As CIN

SG	Se	No	DE		Date	Version	Description
							(Company Identification Code) only the DUNS (RFF+ANK) of the ship from is allowed . The serial number is the value of the first DE 7402 (package number).
					2024-12-19	KR	Changed Klassifizierung: K-FIML/5 - Kl. 9.1 - 4 Jahre/Kopie -> K-DAPL/5, KL-GMD/A CSD 2.2 7 Years
Delivery note number and delivery note line item				Delivery note number	2024-11-21	4.0	Remark geändert: old: One or more grouped loading units of the same type may have a maximum of just one delivery note number. That applies also to mixed packages. Volkswagen allows only one delivery note number per loading unit. new: Ideally, there is a 1:1 assignment between a shipment number and a delivery note number! If this is not ensured in the source system, the ship from must ensure that the content of one transport loading unit refers to a maximum of one delivery note number, to assure the processing in the target systems.
SG20	RFF	092	1154				
Seller's name and address					2024-10-11	4.0	Old NAD+SE is used to identify the supplier in the ASN. In the delivery call-offs, NAD+SE is identical to NAD+SF, since the ERP systems cannot currently differentiate between these two roles. It is therefore not always the actual seller, but the supplier number to whom the delivery call-off is sent. The data from the delivery call-off must therefore also be taken over into the ASN. If the seller and the consignor of the goods actually differ, identical values must nevertheless be transmitted in NAD+SE and NAD+SF. New In the delivery call-off according to VDA 4984 of the Volkswagen Group, the address of the shipper of the goods is sometimes transferred in the NAD+SE segment even if the seller's address is different. The reason for this is that the source system does not hold the seller's address. If the material is despatched from an address that differs from the seller's address, a new supplier index must be requested at procurement in order to switch the call-off process to this address. For error-free processing of VDA 4987, it is essential to transfer the
SG2	NAD	021					

SG	Se	No	DE		Date	Version	Description
							segments NAD+SE and NAD+SF with the data from the delivery call-off.
Seller's name and address SG2	NAD	021			2024-10-11	4.0	Remark deleted: The address data should be taken from NAD+SE of the delivery call-off VDA 4984, if it is necessary and reasonable. They can be cut if it is necessary for the print of the Shipment Bills and GTLs
Transport order number SG1	RFF	019			2024-10-11	4.0	Old This is the transport order number assigned by the supplier to a carrier for a specific transport order. The transport order is EDI message VDA 4933 T1, which is generated either by the supplier himself or with the help of a web application. New This is the transport order number assigned by the supplier to a carrier for a specific transport order. The transport order is EDI message VDA 4933 T1, DE 1004 which is generated either by the supplier himself or with the help of a web application.
Serial Number SG16	GIN	080			2023-12-04	4.1	Deleted remark (EN): All GIN Segments in one SG17 shall not exceed 100 occurrences.
Part of the whole quantity of one handling unit SG19	QTY	088	6411	Measurement unit code **PCE**	2022-12-29	4.0	Deleted VDACodeList 6411 and VDACode PCE. Added EDIFACT code PCE.
Despatched quantity SG19	QTY	087	6411	Measurement unit code **PCE**	2022-12-29	4.0	Deleted VDACodeList 6411 and VDACode PCE. Added EDIFACT code PCE.
Quantity per packaging unit SG12	QTY	068	6411	Measurement unit code **PCE**	2022-12-29	4.0	Deleted VDACodeList 6411 and VDACode PCE. Added EDIFACT code PCE.
Maximum stackability SG12	QTY	067	6411	Measurement unit code **PCE**	2022-12-29	4.0	Deleted VDACodeList 6411 and VDACode PCE. Added EDIFACT code PCE.
Quantity of parts in homogeneous handling units. SG17	QTY	058	6411	Measurement unit code **PCE**	2022-12-29	4.0	Deleted VDACodeList 6411 and VDACode PCE. Added EDIFACT code PCE.
Number of included inner packaging materials SG12	QTY	047	6411	Measurement unit code **PCE**	2022-12-29	4.0	Deleted VDACodeList 6411 and VDACode PCE. Added EDIFACT code PCE.
Maximum stackability SG12	QTY	046	6411	Measurement unit code **C62**	2022-12-29	4.0	Deleted VDACodeList 6411 and VDACode PCE. Added EDIFACT code PCE.
Number of loading units of the shipment SG12	MEA	015	6411	Measurement unit code **C62**	2022-12-29	4.0	Deleted VDACodeList 6411 and VDACode PCE. Added EDIFACT code PCE.
Message header SG12	UNH	003	0057	Association assigned code	2022-12-08	KR	Added remark: In connection with directory 20B and syntax version "X", only code GAVF30 or higher is allowed.

SG	Se	No	DE		Date	Version	Description
Interchange trailer UNZ 108					2022-10-21	4.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Message trailer UNT 107					2022-10-21	4.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Message header UNH 003			0057	Association assigned code	2022-10-21	4.0	GAVF26 --> GAVF30
Message header UNH 003					2022-10-21	KR	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Interchange header UNB 002			0017	Date of preparation	2022-10-21	KR	CR - 2021-018 Added description: Attention: Difference to S3, 8 digits (including century)! Format CCYYMMDD
Interchange header UNB 002			0002	Syntax version number **X**	2022-10-21	KR	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.
Interchange header UNB 002					2022-10-21	KR	Added remark.
Service string advice UNA 001					2022-10-21	KR	Status O -> R Added description.
					2022-10-21	4.0	Adaptation to S3 compliant profile of EDIFACT S4 (ISO 9735 Part 11).
Additional product id SG19 PIA 085					2022-05-19	TD	Description corrected: Old: Software version 7143 = AG Series: 0001 - 9999, development: digit 1: 0 - 9, A - Z, digit 2 - 4: 000 - 999 and AAA - ZZZ. New: Software version 7143 = AG Series: 0001 - 9999 Bootloader software: B001 – B999 Development software: X001 – X999, Y001 – Y999, Z001 – Z999
Internal Place of Destination SG22 LOC 105					2022-01-19	4.x	Name changed: Old: Place of discharge New: Internal Place of Destination
Gross weight SG12 MEA 083			6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Tare weight SG12 MEA 066			6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Volume of the packaging material SG12 MEA 065			6411	Measurement unit code **LTR**	2021-12-17	4.0	Status C ---> R
Net weight of the packaging item SG12 MEA 064			6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Gross weight of the packaging item SG12 MEA 063			6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Tare weight SG12 MEA 060			6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Tare weight SG17 MEA 057			6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Net weight SG17 MEA 056			6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Gross weight				Measurement unit code			

SG	Se	No	DE		Date	Version	Description
SG17	MEA 055		6411	**KGM**	2021-12-17	4.0	Status C ---> R
Number of loading units of the shipment	MEA 015		6411	Measurement unit code **C62**	2021-12-17	4.0	Status C ---> R
Tara weight of consignment	MEA 014		6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Consignment volume (Total cube)	MEA 013		6411	Measurement unit code **MTQ**	2021-12-17	4.0	Status C ---> R
Consignment's net weight	MEA 012		6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Consignment's gross weight	MEA 011		6411	Measurement unit code **KGM**	2021-12-17	4.0	Status C ---> R
Internal Place of Destination	SG22 LOC 105		3227	Location function code qualifier **7**	2021-11-30	4.0	Error message F05470 changed: from: Value %s is not permitted. Permitted values are: 7, 11 and 159. to: Value %s is not permitted. Permitted value is: 7.
Internal Place of Destination	SG22 LOC 105		3227	Location function code qualifier **7**	2021-11-30	4.0	Error message F05460 changed: from: The mandatory data element %s in the LOC is empty or missing. Permitted values are: 7, 11 and 159. to: The mandatory data element %s in the LOC is empty or missing. Permitted value is: 7.
Internal Place of Destination	SG22 LOC 105		3227	Location function code qualifier **7**	2021-11-30	4.0	Code changed from: 11=Place of discharge to: 7=Place of delivery
Internal Place of Destination	SG22 LOC 105				2021-11-30	4.0	Name changed: Old: Unloading point New: Place of discharge
SG22					2021-11-30	4.0	Error message F05900 changed: Old: LOC+11 may be sent only once. New: LOC+7 may be sent only once.
SG22					2021-11-30	4.0	Error message F05451 changed: Old: Mandatory segment LOC+11 - Unloading point - expected. New: Mandatory segment LOC+7 - Place of discharge - expected.
SG22					2021-11-30	4.0	Name changed: Old: Unloading point New: Place of discharge (VDA: Internal place of destination)
Place of discharge	SG2 LOC 030		3225	Location identifier	2021-11-30	4.0	Error message F06210 changed: from: The mandatory data element %s in the LOC+7 is empty or missing. to: The mandatory data element %s in the LOC+11 is empty or missing.
Place of discharge	SG2 LOC 030		3227	Location function code qualifier **11**	2021-11-30	4.0	Error message F02470 changed: from: Value %s is not permitted. Permitted values are: 7 and 13. to: Value %s is not permitted. Permitted value is: 11.
Place of discharge	SG2 LOC 030		3227	Location function code qualifier **11**	2021-11-30	4.0	Error message F02460 changed: from: The mandatory data element %s in the LOC is empty or missing.

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SG	Se	No	DE		Date	Version	Description
							Permitted values are: 7 and 13. to: The mandatory data element %s in the LOC is empty or missing. Permitted value is: 11.
Place of discharge				Location function code qualifier	2021-11-30	4.0	Code changed from: 7=Place of delivery to: 11=Place of discharge
SG2	LOC	030	3227	**11**			
Place of discharge					2021-11-30	4.0	Error message changed: Old: LOC+7 can be sent only once. This segment is a repetition and is therefore not further processed. New: LOC+11 can be sent only once. This segment is a repetition and is therefore not further processed.
SG2	LOC	030					
Place of discharge					2021-11-30	4.0	Name changed: Old: Place of discharge (VDA: Internal place of destination) New: Unloading Point
SG2	LOC	030					
Supplier's DUNS-number				Reference identifier	2021-11-25	4.0	Example value changed Old: DUNS-Nr. New: 123456789
SG20	RFF	099	1154				
Supplier's DUNS-number				Reference code qualifier	2021-11-25	4.0	Errormessage corrected: Old: The mandatory data element %s in the RFF segment is empty or missing. Permitted values are: AAU, ON, IV, AAN, UC, AAA, ANK and COF.AAU, ON, UC, AAA New: The mandatory data element %s in the RFF segment is empty or missing. Permitted values are: AAU, ON, IV, AAN, UC, AAA, ANK and COF.
SG20	RFF	099	1153	**ANK**			
Transport movement type at departure					2021-11-25	4.0	New
SG6	TMD	041					
Transport information					2021-11-18	4.0	New: C003 Power Type
SG6	TDT	040					
Message header				Association assigned code	2021-11-17	4.0	Error message F00270 and F00280 adjusted. Old: Permitted values are: GAVF13, GAVF20, GAVF21, GAVF22, GAVF23 und GAVF24 New: Permitted value is: GAVF26
	UNH	003	0057				
Message header				Message release number	2021-11-17	4.0	Error message F00230 and F00240 adjusted. Old: Permitted value is: 20B New: Permitted value is: 20B
	UNH	003	0054	**20B**			
Message header				Message release number	2021-09-30	4.0	20B added and 07A deleted = as of VDA version 2.6
	UNH	003	0054	**20B**			
Message header				Association assigned code	2021-09-29	4.0	GAVF13, GAVF20, GAVF21, GAVF22, GAVF23, GAVF24 deleted
	UNH	003	0057				
Gross weight of the packaging item				Measure	2021-08-02	3.3	Description according VDA recomendation adjusted. Old: Weight (mass) excluding transport equipment (carrier equipment) Neu: Mass of the items contained in the inner packaging including
SG12	MEA	063	6314				

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SG	Se	No	DE		Date	Version	Description
							optional sales package.
SG2					2021-06-25	3.3	Condition for status D added
Tara weight of consignment				Tara weight of consignment	2021-06-18	3.3	Format n..12 => n..7
		MEA	014	6314			
Delivery note date				Date or time or period format code	2021-06-04	3.3	Code 203 deleted
SG20		DTM	093	2379 **102**			
Reference				Reference identifier	2021-06-04	3.3	Format an..70 => n9
SG3		RFF	022	1154			
Order number of wholesaler (or of ultimate customer, if transmitted by wholesaler to central warehouse)				Document line identifier	2021-05-06	3.3	DE 1153 Bestell-Positionsnummer aus dem Streckenabruf.
SG20		RFF	096	1156			
Tray number				Object identifier	2021-04-01	3.3	Format an..35 => an..3
SG16		GIN	079	7402			
Transport chain reference of the pick-up carrier					2020-10-22	3.3	Segment name to "Transport chain reference of pick-up carrier" changed Added: The Transport Chain Reference is supposed to be transmitted in the forwarder's transport order confirmation VDA 4933 T3.
SG1		RFF	018				
Despatch date				Date or time or period text	2020-10-22	3.3	New: The actual shipping date and the time on which the shipment is physically handed over to the transport service provider must be specified here.
		DTM	009	2380			
SG2					2020-10-14	3.3	Point of transfer LOC+13 deleted
Transport order number					2020-10-14	3.3	Old For the transparency of the whole supply process it is sometimes adviable to include the transport order reference. In the result the receiving customer (who is often also the contract partner of the forwarder) can see, whether deviations from the delivery instructions have bee caused by the supplier or the forwarder. Since the supplier usually conducts the trnsport order, this number should be available in their system. New This is the transport order number assigned by the supplier to a carrier for a specific transport order. The transport order is EDI message VDA 4933 T1, which is generated either by the supplier himself or with the help of a web application.
SG1		RFF	019				
Consignment number, assigned by supplier (old: SLB)				Reference identifier	2020-10-14	3.3	Old Unique reference number assigned to a shipment / tour / exit of a means of transport. Corresponds to the shipment loading reference number of VDA recommendation 4913. New Unique reference number assigned
SG1		RFF	017	1154			

SG	Se	No	DE		Date	Version	Description
							to a shipment / tour / exit of a means of transport. Corresponds to the shipment loading reference number of VDA recommendation 4913.
Consignment number, assigned by supplier (old: SLB)				Reference identifier	2020-10-14	3.3	Deleted: For NLK despatch call-offs (BGM 1000 = VAB-NLK) is here to take the pick-up sheet number from the despatch call-off.
SG1		RFF 017	1154				
Requested delivery date					2020-10-07	3.3	Old The requested delivery date (DTM+2) or the estimated arrival date (DTM+132) is mandatory. New The Ship from must transmit wheater the arrival date requested by the ship to in DTM+2 or the self estimated time of arrival in DTM+132.
		DTM 007					
Related identification numbers				Object identification code qualifier	2020-08-31	3.3	Code PN added.
SG15		GIR 070	7405	**AN**			
Package control number - Modulo					2020-07-23	3.3	GIN+CQ added = Modulo
SG16		GIN 081					
Sequence date/time					2020-07-23	3.3	DTM+194 added
SG15		DTM 071					
SG1					2020-07-23	3.3	SG1 Transport-ID, assigned by buyer RFF+AAO removed
SG1					2020-07-23	3.3	SG1 NLK despatch call-off number RFF+AAN removed
Message header				Association assigned code	2020-07-23	3.3	Codes added: GAVF23 and GAVF24
		UNH 003	0057				
Seller's name and address					2020-05-11	3.2	New Remark: NAD+SE is used to identify the supplier in the ASN. In the delivery call-offs, NAD+SE is identical to NAD+SF, since the ERP systems cannot currently differentiate between these two roles. It is therefore not always the actual seller, but the supplier number to whom the delivery call-off is sent. The data from the delivery call-off must therefore also be taken over into the ASN. If the seller and the consignor of the goods actually differ, identical values must nevertheless be transmitted in NAD+SE and NAD+SF.
SG2		NAD 021					
Related identification numbers				Object identifier	2019-11-22	3.2	Remark added: 7405 = XQ - Kennzeichen Ausnahmestatus: DUMMY, NO MODULE, NO JIS INFO - DUMMY: Lieferant kann nicht liefern und fügt Dummy-Teil für die Montage ein - NO MODULE: Lieferant kann nicht liefern und lässt Position leer - NO JIS INFO: Lieferant soll dieses JIS-Modul nicht liefern - REORDER: es handelt sich um
SG15		GIR 070	7402				

SG	Se	No	DE		Date	Version	Description
							eine Nachbestellung
Related identification numbers				Object identifier	2019-10-31	3.2	Remark added: 7405 = XH: Re-order key or complaint ID - Format an..4
SG15	GIR	070	7402				
Additional product id					2019-10-29	3.2	Group added.
SG19	PIA	085					
Additional product id				Item type identification code	2019-10-29	3.2	Code added: GB
SG19	PIA	085	7143	**SA**			
Additional product id				ID number	2019-10-29	3.2	Remark added: 7143 = GB: module id, format an4 only digits, possibly with leading zeros
SG19	PIA	085	7140				
Article number of the customer				Item identifier	2019-10-29	3.2	Remark added: Bei JIS-PK (BGM 1000) soll hier die "Logistische Sachnummer" übertragen werden, die zur Behältersteuerung durch LISON notwendig ist. D. h. bei JIS-PK gibt es immer nur ein einziges LIN-Segment (abweichend zu JIS-IST).
SG19	LIN	084	7140				
Beginning of message				Process indicator	2019-10-29	3.2	New process indicator JIS-PK Process
BGM	004	1000					
SG20					2019-09-18	3.2	SG18 RFF+AXA added
Beginning of message				Process indicator	2019-09-18	3.2	Process flag "STEEL-AU" added
BGM	004	1000					
Packaging aid					2019-08-08	1.4	Notice added: "Identical auxiliary packages must be transmitted consolidated in one PAC segment"
SG12	PAC	082					
Packaging aid					2019-08-08	1.4	Notice added: "Identical auxiliary packages must be transmitted consolidated in one PAC segment"
SG12	PAC	059					
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2019-07-11	3.2	7402#2 added.
SG16	GIN	052	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2019-07-11	3.2	7402#2 added.
SG16	GIN	052	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2019-07-11	3.2	7402#2 added.
SG16	GIN	052	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2019-07-11	3.2	7402#2 added.
SG16	GIN	052	7402				
Label / packaging item ID of the packaging items included in the loading unit				Object identifier	2019-07-11	3.2	7402#2 added.
SG16	GIN	052	7402				
Engine Number(s)					2019-05-27	3.1	New segment.
SG19	GIN	091					
Serial Number(s)					2019-05-27	3.1	New segment.
SG19	GIN	090					

SG	Se	No	DE		Date	Version	Description
Seal number SG8 SEL 043					2019-05-24	3.1	Segment added.
Buyer's name and address SG2 NAD 020			3055	Code list responsible agency code **91**	2019-05-24	3.1	Code deleted: 10
Supplier's DUNS-number SG20 RFF 099					2019-05-16	3.1	New remark: Required specification in the EDL process (BGM 1000 = EDL), in which the service provider arranges goods from several suppliers into one shipment and notifies them with one DESADV.
SG20					2019-05-16	3.1	new segment group
SG2					2019-05-16	3.1	Status O --> D New remark: Required specification in the EDL process (BGM 1000 = EDL), in which the service provider arranges goods from several suppliers into one shipment and notifies them with one DESADV.
Seller's name and address SG2 NAD 021					2019-05-16	3.1	New remark: In EDL processes, in which the service provider arranges goods from several suppliers into one shipment and notifies them with a DESADV, the suppliers must be specified in SG18 at item level
SG2					2019-05-16	3.1	Status R --> D
Beginning of message BGM 004			1000	Process indicator	2019-05-16	3.1	New: EDL - External service provider process
Message header UNH 003			0057	Association assigned code	2019-05-16	3.1	New code GAVF22
Invoice document identifier SG20 RFF 095			1154	Reference identifier	2019-05-03	3.1	Format an..70 --> an..35
SG1					2019-04-05	3.1	SG1 Transport order reference added
SG15					2018-10-29	3.1	Zusatzangaben für den Prozess STEEL
Transport order number SG1 RFF 019					2018-10-12	2.1	new SG
Related identification numbers SG15 GIR 072					2018-09-30	2.1	codes aligned
SG2					2018-09-24	3.0	The information on the forwarding agent is mandatory for the Incoterms "EXW" and "FCA" only.
SG2					2018-09-21	3.0	Status R --> Status D
Message header UNH 003			0057	Association assigned code	2018-09-17	3.0	GAVF20 added
Interchange header UNB 002			0014	System reference	2018-09-17	3.0	Deleted: All examples for a system.
Place of discharge SG2 LOC 030			3225	Location identifier	2018-09-16	3.0	Status O => R
SG2					2018-08-08	3.0	SG2 Message Sender added
Related identification numbers					2018-07-31	2.0	new segment

SG	Se	No	DE		Date	Version	Description
SG15	GIR	072					
SG8					2018-06-12	3.0	MaxRep 10 --> 1
SG1					2018-06-07	3.0	SG 2 Transport chain reference number
Delivery instruction / schedule reference				Reference code qualifier	2018-05-29	2.0	new code 225
SG20	RFF	101	1153	**AXA**			
Transport chain reference of the pick-up carrier					2018-05-17	2.0	New Segment
SG1	RFF	018					
SG2					2018-04-26	1.3	SG2 Forwarder: Remark about transfer of freight forwarder data added
Batch number				Object identifier	2018-03-09	2.4	Underline "_" as allowed character deleted
SG15	GIR	073	7402				
Consignment's net weight				Measure	2018-02-14	2.4	Remark added: The weight is to be rounded up to full kilogramms, except for shipments with less than1 kilogramm
	MEA	012	6314				
Consignment's gross weight				Measure	2018-02-14	2.4	Remark added: The weight is to be rounded up to full kilogramms, except for shipments with less than1 kilogramm
	MEA	011	6314				
Product/service description				Item description	2018-01-11	2.4	Format an..35 --> an..40
SG19	IMD	086	7008				
SG15					2017-12-11	2.4	Prohibition of the transmission of internal supplier data that were not requested by the recipient.
OT DDP: LHM number (VDA: Packaging item number assigned by customer) NLK despatch call-off Chattanooga: Manifest number (VDA: packaging item number assigned by customer)				LHM number (format n12), Manifest no. (format n10)	2017-11-22	2.4	Format n..12 --> Format an..12, because leading zeros are allowed. As before: LHM number (format n12), (BGM 1000 = VAB-DDP) and Manifest no. (format n10), (BGM 1000 = VAB-CHA).
SG16	GIN	078	7402				
OT DDP: LHM number (VDA: Packaging item number of the loading unit.) NLK despatch call-off Chattanooga: Manifest number (VDA: Packaging item number of the loading unit.)				LHM number (format n12), (BGM 1000 = VAB-DDP) Manifest no. (format n10), (BGM 1000 = VAB-CHA)	2017-11-22	2.4	Format n..12 --> Format an..12, because leading zeros are allowed. As before: LHM number (format n12), (BGM 1000 = VAB-DDP) and Manifest no. (format n10), (BGM 1000 = VAB-CHA).
SG16	GIN	051	7402				
SG16					2017-10-29	3.1	SG15 Package / Container serial number added
Beginning of message				Process indicator	2017-10-29	3.1	Process flag STEEL added
	BGM	004	1000				
Quantity, type and ownership identifier					2017-10-13	2.3	Text ergänzt: Bei Nutzung des TSB-Generators zur Generierung der Sendungsbelege müssen sie in der Nachricht zusammengefasst werden.
SG12	PAC	062					
Packaging item number of the loading unit.					2017-08-18	2.3	Remark deleted The package number may be used only once within a calendar year.
SG16	GIN	050					

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SG	Se	No	DE		Date	Version	Description
Related identification numbers SG15 GIR 076					2017-07-19	2.0	new segment Project group JIS-Examples --> to decide in AK KIT
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Format an..35 --> an22
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Status O --> R
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Format an..35 --> an22
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Status O --> R
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Format an..35 --> an22
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Status O --> R
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Format an..35 --> an22
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Status O --> R
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Format an..35 --> an22
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Status O --> R
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Remark changed: Label ID of the innermost logistics package unit (license plate), consisting of the data identifier (DI) of the handling unit (e.g. 1J), 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) => 1JUN123456789000012345 --> In principle the rules for the creation of the License Plate according to ISO 15394 apply with following restrictions. As IAC (Issuing Agency Code) UN is to be used exclusively. As CIN (Company Identification Code) only the DUNS number is allowed. If the DUNS no. does not correspond to the DUNS of the seller from NAD+SE, this must be agreed with the receipient plant. The serial number is the value of the first DE 7402 (package number).
Label ID of the packaging (packaging item number) SG16 GIN 077			7402	Object identifier	2017-06-17	2.2	Status O --> R
Label ID of the packaging (packaging item number)				Object identifier	2017-06-17	2.2	Format an..35 --> an22

SG	Se	No	DE		Date	Version	Description
SG16	GIN	077	7402				
Label ID of the packaging (packaging item number)				Package number specified by supplier	2017-06-17	2.2	Remark changed: The Package number must be unique within 12 months related to one Ship-from Party to one recipient plant --> The label ID may not be repeated until the number range from 000000001 to 999999999 is used.
SG16	GIN	077	7402				
Packaging item number of the loading unit.				Object identifier	2017-06-17	2.2	Remark changed: Label ID of the handling unit (license plate), consisting of the data identifier (DI) of the handling unit (e.g. 5J or 6J), 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) => 5JUN123456789000012345 --> In principle the rules for the creation of the License Plate according to ISO 15394 apply with following restrictions. As IAC (Issuing Agency Code) UN is to be used exclusively. As CIN (Company Identification Code) only the DUNS number is allowed. If the DUNS no. does not correspond to the DUNS of the seller from NAD+SE, this must be agreed with the receipient plant. The serial number is the value of the first DE 7402 (package number).
SG16	GIN	050	7402				
Packaging item number of the loading unit.				Object identifier	2017-06-17	2.2	Status O --> R
SG16	GIN	050	7402				
Packaging item number of the loading unit.				Object identifier	2017-06-17	2.2	Format an..35 --> an22
SG16	GIN	050	7402				
Packaging item number of the loading unit.				Label ID of handling unit	2017-06-17	2.2	Remark changed: The label ID may be used only once within a calendar year. --> The label ID may not be repeated until the number range from 000000001 to 999999999 is used.
SG16	GIN	050	7402				
Delivery note number and delivery note line item				Line number in the delivery note	2017-06-15	2.2	Remark changed: Required except for JIS (BGM 1000 = PROD-NR, JIS-IST or JIS-PLAN). --> Required except for JIS (BGM 1000 = JIS-IST or PROD-NR).
SG20	RFF	092	1156				
Gross weight				Measure	2017-06-15	2.2	Format an..18 --> Format n..7
SG12	MEA	083	6314				
Related identification numbers				Object identifier	2017-06-15	2.2	Remark changed: ...
SG15	GIR	070	7402				The specification of the identification

SG	Se	No	DE		Date	Version	Description
							number (7405 = AN) and the parts group / module ID (7405 = XA) is mandatory for JIS processes (BGM 1000 = PNR, JIS-IST or JIS-PLAN). If this information is lacking, the message is rejected. The specification of the assembly sequence data (7405 = XO) and the assembly lines no. (7405 = XN) is mandatory for JIS processes (BGM 1000 = PNR, JIS-IST or JIS-PLAN). If this information is lacking, the message is received with errors. --> The specification of the identification number (7405 = AN) and the parts group / module ID (7405 = XA) is mandatory for JIS processes (BGM 1000 = PNR or JIS-IST). If this information is lacking, the message is rejected. The specification of the assembly sequence data (7405 = XO) and the assembly lines no. (7405 = XN) is mandatory for JIS processes (BGM 1000 = PNR or JIS-IST). If this information is lacking, the message is received with errors.
SG15					2017-06-15	2.2	Remark changed: Mandatory at JIS deliveries (BGM 1000 = PROD-NR, JIS-IST or JIS-PLAN)... --> Mandatory at JIS deliveries (BGM 1000 = PROD-NR or JIS-IST)...
Tare weight				Measure	2017-06-15	2.2	Format an..18 --> Format n..7
SG12	MEA	060	6314				
Tare weight				Measure	2017-06-15	2.2	Format an..18 --> Format n..7
SG17	MEA	057	6314				
Requested delivery date					2017-06-15	2.2	Changed: Mandatory for processes delivery call-off with delivery date (BGM 1000 = LAB-ED) and daily call-off with delivery date (BGM 1000 = FAB-ED). --> Mandatory for processes delivery call-off with delivery date (BGM 1000 = LAB-ED).
	DTM	007					
Beginning of message				Process indicator	2017-06-15	2.2	Deleted: FAB-ED, LAB-AD, JIS-Plan.
	BGM	004	1000				
Seller's name and address				Party identifier	2017-06-09	2.2	Added: Local supplier number as transmitted in the call-off.
SG2	NAD	021	3039				
Despatch date					2017-06-09	2.2	Added: Some recipient plants interpret the dispatch date as the delivery note date. The delivery note date printed on shipping documents can be different from the dispatch date.
	DTM	009					
Despatch date					2017-06-09	2.2	Deleted: Used in processes where the supplier is responsible for organizing transport.
	DTM	009					
Packaging item number				Object identifier	2017-03-21	2.2	Hinweis hinzugefügt: Nummer muss

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SG Se No DE		Date	Version	Description
of the loading unit. SG16 GIN 050 7402				eindeutig sein und darf sich nicht wiederholen.
Internal place of use SG22 LOC 106		2017-03	2.2	Remark added: For JIS processes, the point of use must be the same for all LIN groups to a JIS package (3J).
OT DDP: LHM number (VDA: Packaging item number assigned by customer) NLK despatch call-off Chattanooga: Manifest number (VDA: packaging item number assigned by customer) SG16 GIN 078		2017-03	2.2	Deleted: C208#2, C208#3, C208#4, C208#5.
SG16		2017-03	2.2	MaxRep 99 --> MaxRep 1
ID, name, address SG2 NAD 031 3039	Party identifier	2017-01-23	2.4	Format an..35 in connection with code 91 in DE 3055 possible
Country of origin, customs regime SG19 ALI 089 3239	Country of origin identifier **EN**	2016-10-05	2.2	Added: Please declare the specific foreign trade origin of products and merchandise. Each product can be assigned with a country of origin due to their own production process. The country of origin is normally the country were the product had the last significant, economic justified process step. The determination of origin is defined by national legislation. In the European Union is this Art. 60 UCC. If you have questions, please contact the department for customs by e-mail: wup@volkswagen.de.
Country of origin, customs regime SG19 ALI 089 3239	Country of origin identifier **EN**	2016-10-05	2.2	Deleted: The country in which the products were manufactured or produced
Reference SG3 RFF 034		2016-09-30	2.2	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.
Reference SG3 RFF 032		2016-09-30	2.2	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.
Reference SG3 RFF 028		2016-09-30	2.2	Deleted: This segment can be used to transmit the DUNS number of the business partner in addition to the customer or supplier numbers.
Shipping location/ Place of loading SG2 LOC 026 3055	Code list responsible agency code **91**	2016-09-30	2.2	Codes deleted: 10, 92
Shipping location/ Place of loading SG2 LOC 026 3225	Location identifier	2016-09-30	2.2	Description added: 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

SG	Se	No	DE		Date	Version	Description
							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.
Reference SG3	RFF	022			2016-09-30	2.2	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. 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).
Ship from's name and address SG2	NAD	025	3039	Local supplier code	2016-09-28	2.2	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.
Article number of the customer SG19	LIN	084			2016-09-27	2.2	Deleted: LOC+7 - Internal forwarding address, e.g. warehouse / flow-through storage (e.g. JIT/JIS)
Place of discharge SG2	LOC	030	3225	Location identifier	2016-08-15	2.2	Format an..35 --> an..3
Individual order number of central warehouse of supplier SG20	RFF	098	1156	Document line identifier	2016-08-11	2.2	Status O --> R
Label ID of the packaging (packaging item number) SG16	GIN	077	7402	Object identifier	2016-07-29	2.2	Rule in terms of the assignment of License Plates added
Label ID of the packaging (packaging item number) SG16	GIN	077	7402	Package number specified by supplier	2016-07-29	2.2	Rule in terms of the assignment of package number added
SG3					2016-07-01	2.1	Status O --> R
Delivery note date SG20	DTM	093	2379	Date or time or period format code **102**	2016-06-07	2.1	Qualifier 203 deleted.
Seller's name and address SG2	NAD	021	3039	Party identifier	2016-06-06	2.1	Format an..35 --> an..10
Seller's name and address SG2	NAD	021			2016-06-06	2.1	Description added.
SG2					2016-06-06	1.6	Status O --> R
Beginning of message	BGM	004	1004	Despatch advice number	2016-06-06	2.0	Format n..8 --> an..35
SG5					2016-06	2.1	Status O --> R
Message header	UNH	003	0057	Association assigned code	2016-04-25	2.1	GAVF11 and GAVF12 deleted.

SG	Se	No	DE		Date	Version	Description
SG2					2016-04-20	2.1	DUNS no. for Ship-to party deleted (SG 2(4) SG3, RFF+ANK
SG12					2016-03-15	2.0	MaxRep 9999 --> 1 (Change VDA 4987, Version 1.3)
SG12					2016-03-15	2.0	MaxRep 9999 --> 1 (Change VDA 4987, Version 1.3)
Tara weight of consignment					2016-02-24	2.0	Segment added: MEA+AAX+T - Tara weight of consignment
	MEA	014					
Message header				Association assigned code	2016-02-24	2.0	Code added: GAVF13
	UNH	003	0057				
Message header					2016-02-24	2.0	Segment deleted: MEA+LMT - Consignment's load meters
	UNH	003					
Tara weight of consignment					2016-02-22	1.3	new
	MEA	014					
Package identification					2016-01-20	1.5	Deleted: C210 mit Progress lane, Supermarket handling code, Internal route, Line handling code, Delivery order number.
SG14	PCI	069					
Label type of the loading unit					2016-01-20	1.5	Deleted: C210 mit Progress lane, Supermarket handling code, Internal route, Line handling code, Delivery order number.
SG14	PCI	048					
Packaging aid					2016-01-18	1.5	Same type of packaging items should be together in an SG11. --> Similar packaging aids MUST be combined in one SG11.
SG12	PAC	082					
Packaging aid					2016-01-18	1.5	Similar packages MUST be combined in one SG11. --> Similar packaging aids MUST be combined in one SG11.
SG12	PAC	059					
Beginning of message				Despatch advice number	2016-01-13	1.5	For VW the delivery note number is transmitted here.
	BGM	004	1004				
Related identification numbers				Object identification code qualifier	2015-12-18	1.5	Code XQ added.
SG15	GIR	070	7405	**AN**			
Package identification				Marking type code	2015-12	1.5	Code 3J added.
SG14	PCI	069	7511	**1J**			
Label type of the loading unit				Marking type code	2015-12	1.5	Codes 3J and 4J added.
				5J			
SG14	PCI	048	7511				
Delivery note number and delivery note line item				Line number in the delivery note	2015-11-25	1.5	Format an..6 --> n..3
SG20	RFF	092	1156				
Order number of wholesaler (or of ultimate customer, if transmitted by wholesaler to central warehouse)					2015-11-23	1.5	1156 deleted.
SG20	RFF	096					
Gross weight					2015-11-13	1.5	Segment added.
SG12	MEA	083					
Tare weight					2015-11-13	1.5	Segment added.
SG12	MEA	066					
Tare weight					2015-11-13	1.5	Segment added.
SG12	MEA	060					
Tare weight					2015-11-13	1.5	Segment added.

SG	Se	No	DE		Date	Version	Description
SG17	MEA 057						
Delivery note number and delivery note line item				Delivery note number	2015-10-20	1.4	Deleted: The delivery note number must be identical in all RFF+AAUs of a despatch advice. Volkswagen allows only one delivery note number per despatch advice. The delivery note number is transmitted here redundantly to BGM 1004. Added: Volkswagen allows only one delivery note number per loading unit.
SG20	RFF 092		1154				
Delivery note number and delivery note line item				Line number in the delivery note	2015-10-14	1.4	Required except for JIS (BGM 1000 = PROD-NR). --> Required except for JIS (BGM 1000 = PROD-NR, JIS-IST or JIS-PLAN).
SG20	RFF 092		1156				
Despatch date					2015-10-14	1.4	Status O --> R
	DTM 009						
Tare weight					2015-09-30	1.2	new segment
SG12	MEA 066						
Delivery note date					2015-09	1.4	Status R --> O
SG20	DTM 093						
Message header				Association assigned code	2015-09	1.4	Codes GAVF11 + GAVF12
	UNH 003		0057				
Estimated arrival date					2015-07-13	1.3	Added: The requested delivery date (DTM+2) or the estimated arrival date (DTM+132) is mandatory.
	DTM 008						
Estimated arrival date					2015-07-13	1.3	Status O --> D
	DTM 008						
Requested delivery date					2015-07-13	1.3	Added: The requested delivery date (DTM+2) or the estimated arrival date (DTM+132) is mandatory.
	DTM 007						
Ultimate customer's name and address					2015-06-28	1.3	Remark deleted: This segment is required for example in CKD processes or cog wheel process. The ultimate customer is the final recipient of the goods. In a delivery chain it may be necessary to differentiate between the goods shipper (e.g. tier 2 supplier), the goods recipient (e.g. tier 1 supplier) and the end customer (e.g. plant of the OEM or dealer).
SG2	NAD 035						
Tray number					2015-06-04	1.3	GIN+AO added.
SG16	GIN 079						
Label ID of the packaging (packaging item number)				Object identifier	2015-06-04	1.3	Data element added.
SG16	GIN 077		7402				
Label ID of the packaging (packaging item number)				Object identifier	2015-06-04	1.3	Data element added.
SG16	GIN 077		7402				
Label ID of the packaging (packaging item number)				Object identifier	2015-06-04	1.3	Data element added.
SG16	GIN 077		7402				
Label ID of the packaging (packaging item number)				Object identifier	2015-06-04	1.3	Data element added.
SG16	GIN 077		7402				
Label ID of the packaging				Object identifier	2015-06-04	1.3	Data element added.

SG Se No DE		Date	Version	Description
(packaging item number) SG16 GIN 077 7402				
Package control number SG16 GIN 053		2015-06-04	1.3	GIN+CQ added.
Packaging item number of the loading unit. SG16 GIN 050 7402	Object identifier	2015-06-04	1.3	Data element added.
Name of the JIS container / module name SG15 GIR 049		2015-06-04	1.3	GIR+3+:XP added.
Ultimate customer's name and address SG2 NAD 035		2015-06-04	1.3	NAD+UD added.
SG2		2015-06-04	1.3	Status D --> O Only used for OT-Strecke (BGM 1000 = VAB-DDP).
Ship to's name and address SG2 NAD 029 3039	Party identifier	2015-06-04	1.3	Format an..10 --> an..3
Name of the JIS container / module name SG15 GIR 049		2015-05-25	1.2	new
Seller's name and address SG2 NAD 021		2015-05-20	1.2	NAD+SE added.
Individual order number of central warehouse of supplier SG20 RFF 098		2015-05-07	1.2	RFF+IV / UC / AAA / COF - References for after market and direct delivery process - explizit - no content changes.
Order number, as assigned by central warehouse to wholesaler order SG20 RFF 097		2015-05-07	1.2	RFF+IV / UC / AAA / COF - References for after market and direct delivery process - explizit - no content changes.
Order number of wholesaler (or of ultimate customer, if transmitted by wholesaler to central warehouse) SG20 RFF 096		2015-05-07	1.2	RFF+IV / UC / AAA / COF - References for after market and direct delivery process - explizit - no content changes.
Label ID of the packaging (packaging item number) SG16 GIN 077 7402	Package number specified by supplier	2015-05-06	1.2	Notice added: Just numbers are allowed.
Label / packaging item ID of the packaging items included in the loading unit SG16 GIN 052 7402	Object identifier	2015-05-06	1.2	Notice added: Just numbers are allowed.
Packaging item number of the loading unit. SG16 GIN 050 7402	Label ID of handling unit	2015-05-06	1.2	Notice added: Just numbers are allowed.
Beginning of message BGM 004 3055	Code list responsible agency code	2015-05-04	1.2	DE 3055 deleted.
Ship to's name and address SG2 NAD 029 3039	Party identifier	2015-04-21	1.2	Remark changed: Plant number as transmitted in the call-off. --> Plant number (an..3) as transmitted in the call-off.
Ship to's name and address SG2 NAD 029 3039	Party identifier	2015-04-21	1.2	Remark added: For the Genuine Parts Special Processes (BGM 1000 = VAB-DDP) the content from the

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SG Se No DE		Date	Version	Description
				DELJIT CALDEL NAD+CN has to be transmitted. For the VDA 4984/ 4985/4986 the source is NAD+ST.
Ultimate customer's name and address SG2 NAD 035		2015-04-20	1.2	NAD+UD deleted.
Message header UNH 003		2015-04-20	1.2	NAD+UD deleted.
Quantity per packaging unit SG12 QTY 068 6060	Quantity	2015-04	1.2	Format an..35 --> n..35
Maximum stackability SG12 QTY 067 6060	Quantity	2015-04	1.2	Format an..35 --> n..3
Volume of the packaging material SG12 MEA 065 6314	Measure	2015-04	1.2	Format an..18 --> n..9
Net weight of the packaging item SG12 MEA 064 6314	Measure	2015-04	1.2	Format an..18 --> n..7
Gross weight of the packaging item SG12 MEA 063 6314	Measure	2015-04	1.2	Format an..18 --> n..7
Quantity of parts in homogeneous handling units. SG17 QTY 058 6060	Quantity	2015-04	1.2	Format an..35 --> n..35
Quantity of parts in homogeneous handling units. SG17 QTY 058		2015-04	1.2	MaxRep 9 --> 1
Net weight SG17 MEA 056 6314	Measure	2015-04	1.2	Format an..18 --> n..7
Gross weight SG17 MEA 055 6314	Measure	2015-04	1.2	Format an..18 --> n..7
Number of included inner packaging materials SG12 QTY 047 6060	Quantity	2015-04	1.2	Format an..35 --> n..3
Quantity, type and ownership identifier SG12 PAC 045 3055	Code list responsible agency code **92**	2015-04	1.2	Status R --> O
Outer handling units / Intermediate packaging level SG11 CPS 044		2015-04	1.2	Remark added: Homogeneous handling units (CPS+++3) according VDA definition shall be combined in on PAC segment.
Packaging aid SG12 PAC 059		2015-03-25	1.2	Status O --> R
Terms of delivery or transport SG5 TOD 036		2015-03-21	1.2	Status O --> R
OT DDP: LHM number (VDA: Packaging item number assigned by customer) NLK despatch call-off Chattanooga: Manifest number (VDA: packaging item number assigned by customer) SG16 GIN 078 7402	LHM number (format n12), Manifest no. (format n10)	2015-03-06	1.1	LHM number (format n10), Manifest no. (format n12) --> LHM number (format n12), Manifest no. (format n10)
Consignment number, assigned by supplier (old:	Reference identifier	2015-03-06	1.1	Remark added: For NLK despatch call-offs (BGM 1000 = VAB-NLK) is

SG	Se	No	DE		Date	Version	Description
SLB)							here to take the pick-up sheet number from the despatch call-off.
SG1		RFF 017	1154				
Delivery note date					2015-02-26	1.1	Deleted: Mandatory for all processes with exception of JIS (BGM 1000 = PROD-NR).
SG20		DTM 093					
Interchange header				System reference	2015-02-26	1.1	Added: A6P206, AHM, A-MAT, ANNA, AP9200, BESI, BY, CKP400, KS, KS-ET, KT-BS, LMPCLNT100, MPF203, NAPCLNT100, SE1CLNT300, SK1014, SLP070, TEVON, VPPCLNT100, VWMP
		UNB 002	0014				
Interchange header				System reference	2015-02-26	1.1	Deleted: BESI-HT, ET-2000, KARIN, KOMPASS-AU, KOMPASS-GY, KS-WEBEDI, KT-BS, OPAL-GY, ProCKD-AR, ProCKD-AU, ProCKD-CS, ProCKD-IN, ProCKD-VW, SAP-A, SAP-BY, SAP-IS, SAP-LA, SAP-SE, SAP-VWMP, TEVON-HAN, TEVON-WOB, UNIT-IN, UNIT-MM, UNIT-MX, UNIT-PAOS, UNIT-RU, UNIT-US, UNIT-VWOS, VWSA-WEBEDI
		UNB 002	0014				
SG12					2015-02	1.1	Status O --> R
SG16					2015-02	1.1	MaxRep 99 --> 1
Delivery note number and delivery note line item					2015-01-27	1.1	Deleted: Mandatory for all processes with exception of JIS
SG20		RFF 092					
Interchange header				System reference	2015-01-27	1.1	System reference removed from 0008 to 0014.
		UNB 002	0014				
SG16					2015-01-23	1.1	SG 15 (4) Serial shipping container code deleted
Packaging aid				Packaging terms and conditions code	2014-12-01	1.1	Status O --> R
SG12		PAC 059	7073	**AAC**			
Quantity, type and ownership identifier				Packaging terms and conditions code	2014-12-01	1.1	Status O --> R
SG12		PAC 045	7073	**AAC**			
Part of the whole quantity of one handling unit					2014-11-30	1.1	new
SG19		QTY 088					
Article number of the customer					2014-11-30	1.1	changed comment
SG19		LIN 084					
Outer handling units / Intermediate packaging level					2014-11-30	1.1	changed comment
SG11		CPS 044					
Quantity, type and ownership identifier					2014-11-04		Added remark: This variant of SG11 is used to describe the simplified type of handling units or shipping packaging units that corresponds to a specific design, with specifying properties such as dimensions, material, etc. Identical packages could be combined in one SG11 per identical handlich units (i.e. per group of handling units). For grouping criteria, see the process description and the
SG12		PAC 062					

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SG	Se	No	DE		Date	Version	Description
							packaging examples. Packages are considered to be identical if they - contain parts of the same part number - have the same package quantity per package item - have the same batch number, best before data and last used date - have the same packaging aids
Packaging aid SG12	PAC	082	7077	Description format code **X**	2014-03-27		Code C --> X
Quantity, type and ownership identifier SG12	PAC	062	7077	Description format code **X**	2014-03-27		Code C --> X
Packaging aid SG12	PAC	059	7077	Description format code **X**	2014-03-27		Code C --> X
SG15					2014-01	1.0	Changed the position of Bacht number from SG15 to SG14, Position of DTM from SG13 to SG14
Indicator for alternative customs clearance by the supplier resp. for a delivery without change of ownership ALI		010	4183	Special condition code **X01**	2014-01	1.0	Added code 66
Indicator for alternative customs clearance by the supplier resp. for a delivery without change of ownership ALI		010			2014-01	1.0	New code 66 - Delivery without change of ownership
Beginning of message BGM		004	1001	Document name code **351**	2014-01	1.0	Deleted code 109, therefore ALI+++66'

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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.

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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::Adresse+987654321::LAFES+20221005:1446+144659++++++1'**
UNH	3	M	1	Message header **UNH+12345+DESADV:D:20B:UN:GAVF30'**
BGM	4	M	1	Beginning of message **BGM+351:::LAB-ED+12345678+9'**
DTM	5	R	1	Despatch advice date **DTM+137:20131201:102'**
DTM	6	O	1	Requested shipment date **DTM+10:20131201:102'**
DTM	7	D	1	Requested delivery date **DTM+2:20131201:102'**
DTM	8	D	1	Estimated arrival date **DTM+132:20131201:102'**
DTM	9	R	1	Despatch date **DTM+11:20131201:102'**
ALI	10	O	2	Indicator for alternative customs clearance by the supplier resp. for a delivery without change of ownership **ALI+++X01'**
MEA	11	R	1	Consignment's gross weight **MEA+AAX+AAD+KGM:9'**
MEA	12	R	1	Consignment's net weight **MEA+AAX+AAL+KGM:9'**
MEA	13	O	1	Consignment volume (Total cube) **MEA+AAX+ABJ+MTQ:9'**
MEA	14	R	1	Tara weight of consignment **MEA+AAX+T+KGM:9'**
MEA	15	R	1	Number of loading units of the shipment **MEA+AAE++C62:9'**
MOA	16	O	1	Customs value of the shipment **MOA+40:9:EUR'**
SG1		R	1	Consignment number, assigned by supplier
RFF	17	M	1	Consignment number, assigned by supplier (old: SLB) **RFF+CRN:12345445'**
SG1		O	1	Transport chain reference

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)

Tag	No	St	MaxOcc	Name
RFF	18	M	1	Transport chain reference of the pick-up carrier **RFF+AKI:Transport ID'**
SG1		O	1	Transport order reference
RFF	19	M	1	Transport order number **RFF+TIN:X'**
SG2		R	1	Buyer
NAD	20	M	1	Buyer's name and address **NAD+BY+Identifier::91++Name1:Name2+Street1:Street2+City+NDS+12345+DE'**
SG2		D	1	Seller / Supplier
NAD	21	M	1	Seller's name and address **NAD+SE+0000128311::92++Name1:Name2+Street1:Street2+City++12345+DE'**
SG3		R	1	Additional Party ID (DUNS)
RFF	22	M	1	Reference **RFF+ANK:647601464'**
SG2		D	1	Message Sender
NAD	23	M	1	Message Sender - name and address **NAD+MS+0000235500::92++Name1:Name2+Street1:Street2+City++12345+FR'**
SG3		O	1	Additional Party ID (DUNS)
RFF	24	M	1	Reference **RFF+ANK:123456789'**
SG2		R	1	Ship from
NAD	25	M	1	Ship from's name and address **NAD+SF+0000128311::92++Name1:X+Street1:Street2+City++12345+DE'**
LOC	26	O	1	Shipping location/ Place of loading **LOC+9+Beladestelle Id::91:Beladestelle'**
SG3		O	1	VAT registration number
RFF	27	M	1	VAT registration number **RFF+VA:Umsatzsteuer ID'**
SG3		R	1	Additional Party ID (DUNS)
RFF	28	M	1	Reference **RFF+ANK:647601464'**
SG2		R	1	Ship to
NAD	29	M	1	Ship to's name and address **NAD+ST+11::92++Volkswagen AG Wolfsburg+Zufahrt ueber A39: X+Wolfsburg++38436+DE'**
LOC	30	D	1	Place of discharge **LOC+11+CKD::92:Halle 103; Zufahrt ueber A39; 38436 Wolfsb**

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)

Tag	No	St	MaxOcc	Name
				urg; Deutschland'
SG2		D	1	Freight forwarder
NAD	31	M	1	ID, name, address **NAD+FW+0002345600::92++Name1:Name2+Street1:Street2+City++12345+DE'**
SG3		R	1	Additional Party ID (DUNS)
RFF	32	M	1	Reference **RFF+ANK:123456789'**
SG2		O	1	Carrier
NAD	33	M	1	Carrier **NAD+CA+Identifier::92++Name1:Name2+Street1:Street2+City++12345+DE'**
SG3		O	1	Additional Party ID (DUNS)
RFF	34	M	1	Reference **RFF+ANK:987654321'**
SG2		O	1	Ultimate Customer Party
NAD	35	M	1	Ultimate customer's name and address **NAD+UD+0000000317::92++Brickwall and Co.: (Gambia) Ltd.+Last:Highway 3+Old Jeshwang, Serrekunda++Serrekunda+GM'**
SG5		R	1	Terms of delivery
TOD	36	M	1	Terms of delivery or transport **TOD+6++EXW'**
LOC	37	O	1	Location specification for INCOTERMS **LOC+1+Ortsangabe für INCOTERMS Id::92:Ortsangabe für INCOTERMS'**
FTX	38	O	1	Preference authorisation **FTX+CUS+++Text:Text:Text:Text:Text+de'**
FTX	39	O	5	Text for the description of the terms of delivery **FTX+AAR+++Text:Text:Text:Text:Text+de'**
SG6		R	1	Means of transport
TDT	40	M	1	Transport information **TDT+12++30++++ZZZ:X:ABC123+WOB-S 123::91::DE++1'**
TMD	41	O	1	Transport movement type at departure **TMD+X01'**
SG8		O	1	Transport equipment
EQD	42	M	1	Equipment / means of transport (trailer / swap body) **EQD+CN+ContainerId'**
SEL	43	O	1	Seal number **SEL+1234567'**
SG11		O	9999	Despatch control line / List of handling unit groups

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)

Tag	No	St	MaxOcc	Name
CPS	44	M	1	Outer handling units / Intermediate packaging level **CPS+1++3'**
SG12		R	1	Handling unit group details - Main packaging
PAC	45	M	1	Quantity, type and ownership identifier **PAC+2+:35:AAC+0001PAL::92+X:080607:SA'**
QTY	46	R	1	Maximum stackability **QTY+171:9:C62'**
QTY	47	R	1	Number of included inner packaging materials **QTY+189:5:PCE'**
SG14		R	1000	List of individual handling units
PCI	48	M	1	Label type of the loading unit **PCI+17+++5J::5'**
SG15		O	1	Name of the JIS container / module name
GIR	49	M	1	Name of the JIS container / module name **GIR+3+Türmodule:XP'**
SG16		R	1	Number of the transport label of the individual loading units
GIN	50	M	1	Packaging item number of the loading unit. **GIN+ML+000000960:5JUN123456789000000960'**
SG16		D	1	OT DDP: LHM number (VDA: Packaging item number assigned by customer) NLK despatch call-off Chattanooga: Manifest number (VDA: packaging item number assigned by customer)
GIN	51	M	1	OT DDP: LHM number (VDA: Packaging item number of the loading unit.) NLK despatch call-off Chattanooga: Manifest number (VDA: Packaging item number of the loading unit.) **GIN+BU+252012345678'**
SG16		R	99	Label / packaging item ID of the packaging items included in the loading unit
GIN	52	M	1	Label / packaging item ID of the packaging items included in the loading unit **GIN+AW+000000955:1JUN123456789000000955+000000956:1JUN123456789000000956+000000957:1JUN123456789000000957+000000958:1JUN123456789000000958+000000959:1JUN123456789000000959'**
SG16		O	99	Control number of a JIT container
GIN	53	M	1	Package control number **GIN+CQ+1'**
SG17		R	1	Weight of the individual loading unit
COD	54	M	1	Trigger segment **COD+NO'**
MEA	55	O	1	Gross weight **MEA+AAZ+AAB+KGM:9'**
MEA	56	R	1	Net weight **MEA+AAZ+AAA+KGM:9'**

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)

Tag	No	St	MaxOcc	Name
MEA	57	R	1	Tare weight **MEA+AAZ+T+KGM:100'**
QTY	58	O	1	Quantity of parts in homogeneous handling units. **QTY+52:9:PCE'**
SG12		O	9999	Packaging aid
PAC	59	M	1	Packaging aid **PAC+5+:37:AAC+080607::92+X:080607:SA'**
MEA	60	R	1	Tare weight **MEA+AAY+T+KGM:9'**
SG11		R	9999	Despatch control line / group of inner packaging items and article line
CPS	61	M	1	Despatch control line / group of inner packaging items and article line **CPS+2++1'**
SG12		R	1	Packaging material group inner packaging material
PAC	62	M	1	Quantity, type and ownership identifier **PAC+9+:35:AAC+0001PAL::92+X:080607:SA'**
MEA	63	O	1	Gross weight of the packaging item **MEA+AAY+G+KGM:9'**
MEA	64	O	1	Net weight of the packaging item **MEA+AAY+AAL+KGM:9'**
MEA	65	O	1	Volume of the packaging material **MEA+AAY+ABJ+LTR:9'**
MEA	66	O	1	Tare weight **MEA+AAY+T+KGM:100'**
QTY	67	O	1	Maximum stackability **QTY+171:9:PCE'**
QTY	68	R	1	Quantity per packaging unit **QTY+52:9:PCE'**
SG14		R	1000	List of the individual packaging items
PCI	69	M	1	Package identification **PCI+17+++1J::5'**
SG15		D	10	Vehicle reference data
GIR	70	M	1	Related identification numbers **GIR+4+1234567890:AN+WVWZZZ1JZ1W204568:VV+14:XB+04:XN+1234:XO'**
DTM	71	O	1	Sequence date/time **DTM+194:200509040830:203'**
SG15		O	1	Additional information on steel deliveries
GIR	72	M	1	Related identification numbers **GIR+1+ABC123:XP+ABC123-03:XQ+ABC123:XR+10:XS+3:XT'**

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)

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Tag	No	St	MaxOcc	Name
SG15		O	1	Batch number, production / expiry date
GIR	73	M	1	Batch number `GIR+1+Charge:BX'`
DTM	74	O	1	Expiration date `DTM+36:20130807:102'`
DTM	75	O	1	Manufacturing date `DTM+94:20130807:102'`
SG15		O	1	Name of the JIS container / module name
GIR	76	M	1	Related identification numbers `GIR+3+Türmodule:XP'`
SG16		R	99	Label ID of the packaging (packaging item number)
GIN	77	M	1	Label ID of the packaging (packaging item number) `GIN+ML+000000955:1JUN123456789000000955+000000956:1JUN123456789000000956+000000957:1JUN123456789000000957+000000958:1JUN123456789000000958+000000959:1JUN123456789000000959'`
SG16		D	1	OT DDP: LHM number (VDA: Packaging item number assigned by customer) NLK despatch call-off Chattanooga: Manifest number (VDA: packaging item number assigned by customer)
GIN	78	M	1	OT DDP: LHM number (VDA: Packaging item number assigned by customer) NLK despatch call-off Chattanooga: Manifest number (VDA: packaging item number assigned by customer) `GIN+BU+2012345678'`
SG16		O	1	Tray number in JIS-container
GIN	79	M	1	Tray number `GIN+AO+1'`
SG16		O	99	Package / Container serial number
GIN	80	M	1	Serial Number `GIN+BN+28BUN4433221106047RLE?+999999999'`
SG16		O	1	Control number of a JIT container
GIN	81	M	1	Package control number - Modulo `GIN+CQ+123'`
SG12		O	9999	Packaging aid
PAC	82	M	1	Packaging aid `PAC+9+:37:AAC+12081A::92+X:12081AE:SA'`
MEA	83	O	1	Gross weight `MEA+AAY+T+KGM:9'`
SG19		R	9999	Article identification and despatch quantity
LIN	84	M	1	Article number of the customer `LIN+++1234567890:IN'`
PIA	85	O	1	Additional product id

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)

Tag	No	St	MaxOcc	Name
				PIA+1+123ABC:SA+01S:DR+H01:BT+0010:AG+12AB:GB'
IMD	86	R	1	Product/service description **IMD+++11::272:Biegewerkzeug gem. Zeichnung 123'**
QTY	87	R	1	Despatched quantity **QTY+12:9:PCE'**
QTY	88	D	1	Part of the whole quantity of one handling unit **QTY+11:9:PCE'**
ALI	89	R	1	Country of origin, customs regime **ALI+EN+N'**
GIN	90	O	100	Serial Number(s) **GIN+BN+DATAIDENTIFIER+DATAIDENTIFIER+DATAIDENTIFIER+DATAIDENTIFIER+DATAIDENTIFIER'**
GIN	91	O	100	Engine Number(s) **GIN+EE+Motornummer1+Motornummer2+Motornummer3+Motornummer4+Motornummer5'**
SG20		R	1	Delivery note reference
RFF	92	M	1	Delivery note number and delivery note line item **RFF+AAU:12345678:1'**
DTM	93	O	1	Delivery note date **DTM+171:20131201:102'**
SG20		R	1	Order reference
RFF	94	M	1	Purchase order number **RFF+ON:E123456789'**
SG20		O	1	Invoice number
RFF	95	M	1	Invoice document identifier **RFF+IV:Rechnungsnummer'**
SG20		D	1	Order number of wholesaler (or of ultimate customer, if transmitted by wholesaler to central warehouse)
RFF	96	M	1	Order number of wholesaler (or of ultimate customer, if transmitted by wholesaler to central warehouse) **RFF+UC:Belegnummer:01'**
SG20		D	1	Order number, as assigned by central warehouse to wholesaler order
RFF	97	M	1	Order number, as assigned by central warehouse to wholesaler order **RFF+AAA:Belegnummer:1'**
SG20		D	1	Individual order number of central warehouse of supplier
RFF	98	M	1	Individual order number of central warehouse of supplier **RFF+COF:Belegnummer:1'**
SG20		D	1	Supplier of this line item
RFF	99	M	1	Supplier's DUNS-number **RFF+ANK:123456789'**

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)

Tag	No	St	MaxOcc	Name
NAD	100	R	1	Seller's name and address **NAD+SE+Identifier::92++Name1:Name2+Street1:Street2+City++12345+DE'**
SG20		D	1	Delivery instruction / schedule reference and item related contact information
RFF	101	M	1	Delivery instruction / schedule reference **RFF+AXA:307493749737941:1'**
SG21		O	1	Dangerous goods information
DGS	102	M	1	Dangerous goods **DGS+ADR++1263'**
FTX	103	O	1	Dangerous goods description **FTX+AAD+++Text:Text:Text:Text:Text+de'**
FTX	104	O	1	Dangerous goods declaration exception **FTX+HAZ+++Text:Text:Text:Text:Text+de'**
SG22		R	1	Internal place of destination
LOC	105	M	1	Internal Place of Destination **LOC+7+1AB07::92'**
SG22		O	1	Point of use
LOC	106	M	1	Internal place of use **LOC+159+10174::92'**
UNT	107	M	1	Message trailer **UNT+174+12345'**
UNZ	108	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)

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:+.? '`

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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** 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** Odette ID of the sender	+OD012345
0007	N		Not used	:
0008	O	an..14	**Address for reverse routing**	:Adresse
S003	M		**Interchange recipient**	
0010	M	an..35	**Recipient identification** Odette ID of the receiver.	+987654321
0007	N		Not used	:
0014	O	an..14	**System reference** Original ERP system in the Volkswagen Group with which the message contents were generated. 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).	:LAFES
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	M	an..14	**Recipient's reference/password**	+
0026	N		Not used	+
0029	N		Not used	+
0031	N		Not used	+
0032	N		Not used	+
0035	O	n1	**Test indicator** **1 Interchange is a test** If a test indicatior is transmitted the message is not forwarded to the final receiving system. A verfication of the	+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)

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	St	Format	Usage	Example
			message will be carried out and the sender will receive a report. Used only if the data exchange is for test purposes. This data element is not sent for valid transmissions.	

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::Adresse+987654321::LAFES+20221005:1446+144659++++++1'`

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** In connection with directory 20B and syntax version "X", only code GAVF30 or higher is allowed. Identification of the subset release, assigned by VDA. **GAVF30 VDA DESADV Version 3.0**	:GAVF30'

Comment:

Example: UNH+12345+DESADV:D:20B:UN:GAVF30'

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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** **351 Despatch advice**	+351
1131	N		Not used	:
3055	N		Not used	:
1000	R	an..35	**Process indicator** Process indicator from the delivery call-off, on which the delivery is based. The process indicator is currently being transferred only in the VDA 4984. The old EDI formats (e. g. VDA 4905) still be used without a process indicator. For deliveries as answer for those old EDI formats the process identifier must be used as described. In processes with different consecutive call-offs such as NLK-call-off preview and NLK-dispatch call-off is always to be send the indicator of the final call-off. In the example, so NLK. **LAB-ED Delivery call-off with delivery date (VDA 4905/EDIFACT DELFOR as LAB)** **VAB-DDP Genuine parts special processes (DELJIT/ CALDEL) - Dispatch call-off direct delivery process** **VAB-CHA NLK Dispatch call-off for Chattanooga** **VAB-NLK NLK Despatch call-off** **PROD-NR Vehicle related call-offs** **JIS-IST Ist-Sequenz-Abwicklung** **JIS-PK JIS-PK Process** **STEEL Steel process SEAT and VW NavarraSpecial processes for particular steel deliveriesProcess flag in connection with additional steel deliveries in SG 14** **EDL External service provider process** **STEEL-AU Steel process AUDIEuropeThis process flag is to be transmitted exclusively for deliveries from steel warehouses to the AUDI plants Ingolstadt, Neckarsulm and Györ.** **To be transmitted are the message sender NAD+MS, the coil number, GIR+1 XQ, the warehouse number SG20 LOG+7 and the warehouse call-off number SG18 RFF+AXA.**	:LAB-ED
C106	R		**Document/message identification**	
1004	R	an..35	**Despatch advice number** Unique identifier of DESADV assigned by the supplier. No duplicates within one year.	+12345678
1225	O	an..3	**Message function code** **9 Original**	+9'

Comment:

Example: BGM+351:::LAB-ED+12345678+9'

DTM

No 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	n..12	**Date or time or period text** Creation date/time of the DESADV	:20131201
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment:

Example: DTM+137:20131201:102'

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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	**Date or time or period text** Shipping date as requested by buyer. The date is based on the duration of transport as determined by the buyer.	:20131201
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment: This segment is used above all in pick-up processes.

Example: DTM+10:20131201:102'

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DTM

No 7
Status D
MaxOcc 1

Requested delivery date

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **2 Delivery date/time, requested**	+2
2380	R	n..12	**Date or time or period text** Target goods receipt date/time = SWET Binding date/time set by customer for receipt of goods (as transmitted in DELFOR or DELJIT (JIT/JIS)).	:20131201
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment: The Ship from must transmit wheater the arrival date requested by the ship to in DTM+2 or the self estimated time of arrival in DTM+132.
Mandatory for processes delivery call-off with delivery date (BGM 1000 = LAB-ED).

Example: DTM+2:20131201:102'

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DTM

No 8
Status D
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	n..12	**Date or time or period text** The expected arrival date/time of the shipment estimated by the shipper.	:20131201
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment: The arrival date/time at ship-to's premises as calculated by the supplier
The requested delivery date (DTM+2) or the estimated arrival date (DTM+132) is mandatory.

Example: DTM+132:20131201:102'

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DTM

No 9
Status R
MaxOcc 1

Despatch date

	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..12	**Date or time or period text** The date the goods will be (or were) shipped. The actual shipping date and the time on which the shipment is physically handed over to the transport service provider must be specified here.	:20131201
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD** **203 CCYYMMDDHHMM**	:102'

Comment: Some recipient plants interpret the dispatch date as the delivery note date. The delivery note date printed on shipping documents can be different from the dispatch date.

Example: DTM+11:20131201:102'

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ALI

No 10
Status O
MaxOcc 2

Indicator for alternative customs clearance by the supplier resp. for a delivery without change of ownership

	St	Format	Usage	Example
ALI				ALI
3239	N		Not used	+
9213	N		Not used	+
4183	R	an..3	**Special condition code** X01 - different from the standard delivery conditions, the supplier clears customs and then invoices the customer. 66 - Delivery is not invoice relevant **66 Delivery without change of ownership** **X01 Supplier organises customs clearance**	+X01'

Comment: This segment might be required in the following situation:
The contractual relationship between customer and supplier favours delivery duty unpaid (e.g. INCOTERM FCA). For organisational reasons, at certain locations (goods recipient) the customer cannot clear customs himself. Alternatively the supplier clears customs as an additional service and later invoices his customer. This ALI segment with code X01 in DE 4183 serves as a display that concerns such content for this delivery.
Additionally, the segment can be used to show that the delivery is irrelevant to invoicing.

Example: `ALI+++X01'`

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MEA

No 11
Status R
MaxOcc 1

Consignment's 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	R	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Measure** Gross weight - weight (mass) excluding transport equipment (carrier equipment) The weight is to be rounded up to full kilogramms, except for shipments with less than1 kilogramm	**:9'**

Comment:

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

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MEA

No 12
Status R
MaxOcc 1

Consignment's net 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** **AAL Net weight**	+AAL
C174	R		**Value/range**	
6411	R	an..8	**Measurement unit code** **KGM kilogram**	+KGM
6314	R	n..7	**Measure** Weight (mass) of the products. The weight is to be rounded up to full kilogramms, except for shipments with less than1 kilogramm	:9'

Comment: Net weight: Weight (mass) of the products including packaging

Example: MEA+AAX+AAL+KGM:9'

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MEA

No 13
Status O
MaxOcc 1

Consignment volume (Total cube)

	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	R	an..8	**Measurement unit code** **DMQ cubic decimetre** **LTR litre** **MTQ cubic metre**	**+MTQ**
6314	R	n..9	**Measure** Volume	**:9'**

Comment: Volume of the shipment

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

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MEA

No 14
Status R
MaxOcc 1

Tara weight of consignment

	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** **T Tare weight**	**+T**
C174	R		**Value/range**	
6411	R	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Tara weight of consignment** Weight (mass) of the packing materials	**:9'**

Comment: Sum of all weights of the packaging material

Example: **MEA+AAX+T+KGM:9'**

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MEA

No 15
Status R
MaxOcc 1

Number of loading units of the 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	R	an..8	**Measurement unit code** **C62 one** **PCE piece**	**+C62**
6314	R	n..4	**Measure** Actual number of loading units (see process description for a definition of loading unit)	**:9'**

Comment:

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

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MOA

No 16
Status O
MaxOcc 1

Customs value of the shipment

	St	Format	Usage	Example
MOA				MOA
C516	M		**Monetary amount**	
5025	M	an..3	**Monetary amount type code qualifier** **40 Goods item for customs declared value amount**	+40
5004	R	n..35	**Customs value**	:9
6345	R	an..3	**Currency identification code** Code specifying a currency in ISO 4217 three alpha code	:EUR'

Comment: Amount specified for the purpose of customs processing for the goods of a shipment that are subject to customs regulations.

Example: MOA+40:9:EUR'

SG1	Status R MaxOcc 1	**Consignment number, assigned by supplier**
RFF	No 17 Status M MaxOcc 1	**Consignment number, assigned by supplier (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 to be understood as the entirety of the material that has been loaded into the same means of transport by one ship from to one recipient. A repetition within one calendar year is not permitted. The consignment number consists of up to 8 digits; leading zeros are permitted.	**:12345445'**

Comment:

Example: **RFF+CRN:12345445'**

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SG1	Status	O
	MaxOcc	1

Transport chain reference

RFF	No	18
	Status	M
	MaxOcc	1

Transport chain reference of the pick-up carrier

	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 links the individual transport legs of a shipment in a segmented transport chain where each leg has a separate transport order. It is assigned by the creator of the first transport order and may be the same as the order number of the first transport order. In segmented transport chains, this reference should be transmitted in all subsequent transport messages and in the associated billing.
In case the forwarder needs to split shipments, an own reference number has to be assigned to each individual shipment.
The Transport Chain Reference is supposed to be transmitted in the forwarder's transport order confirmation VDA 4933 T3.

Example: `RFF+AKI:Transport ID'`

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SG1	Status	O	Transport order reference
	MaxOcc	1	
RFF	No	19	**Transport order number**
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **TIN Transport instruction number**	+TIN
1154	R	an..35	**Reference identifier** Transport order number, the number of the transport order assigned by the sender/shipper	:X'

Comment: This is the transport order number assigned by the supplier to a carrier for a specific transport order. The transport order is EDI message VDA 4933 T1, DE 1004 which is generated either by the supplier himself or with the help of a web application.

Example: RFF+TIN:X'

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SG2	Status	R	Buyer
	MaxOcc	1	
NAD	No	20	**Buyer's name and address**
	Status	M	
	MaxOcc	1	

	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 business partner (customer number, supplier number, DUNS number, etc.).	+Identifier
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **16 US, D&B (Dun & Bradstreet Corporation)** **91 Assigned by seller or seller's agent** **92 Assigned by buyer or buyer's agent**	:91
C058	N			
3124	M	an..35	**Name and address description**	+
C080	O		**Party name**	
3036	M	an..35	**Party name** Text line for the name Single text line for specification of a name	+Name1
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**	: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.	+NDS
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	an..3	**Country identifier** Country coded according to ISO 3166-1	+DE'

Comment:

Example: `NAD+BY+Identifier::91++Name1:Name2+Street1:Street2+City+NDS+12345+DE'`

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)

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SG2 Status D, MaxOcc 1 — **Seller / Supplier**

Must always be transmitted, except with process indicator "EDL" BGM 1000

NAD No 21, Status M, MaxOcc 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** Local supplier number as transmitted in the call-off.	+0000128311
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**	+
C080	O		**Party name**	
3036	M	an..35	**Party name** Single text line for specification of a name	+Name1
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: The address data should be taken from NAD+SE of the delivery call-off VDA 4984, if it is necessary and reasonable. They can be cut if it is necessary for the print of the Shipment Bills and GTLs
In EDL processes, in which the service provider arranges goods from several suppliers into one shipment and notifies them with a DESADV, the suppliers must be specified in SG18 at item level; this segment group in the header may not then be used. This process is identified by "EDL" in BGM 1000.
In the delivery call-off according to VDA 4984 of the Volkswagen Group, the address of the ship from of the goods is sometimes transferred in the NAD+SE segment even if the seller's address is different. The reason for this is that the source system does not hold the seller's address.
If the material is despatched from an address that differs from the buyer's address, a new supplier index must be requested for this address at procurement in order to switch the call-off process to

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this address.
For error-free processing of VDA 4987, it is essential to transfer the segments NAD+SE and NAD+SF with the data from the delivery call-off.

Example: `NAD+SE+0000128311::92++Name1:Name2+Street1:Street2+City++12345+DE'`

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SG2 Status D, MaxOcc 1 — **Seller / Supplier**

Must always be transmitted, except with process indicator "EDL" BGM 1000

SG3 Status R, 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
			ANK Reference number assigned by third party	
1154	R	n9	**Reference identifier**	:647601464'
			DUNS number	

Comment:

Example: RFF+ANK:647601464'

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)

SG2 Status D, MaxOcc 1 **Message Sender**

Required specification in the EDL process (BGM 1000 = EDL), in which the service provider arranges goods from several suppliers into one shipment and notifies them with one DESADV.

NAD No 23, Status M, MaxOcc 1 **Message Sender - name and address**

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **MS Document/message issuer/sender**	+MS
C082	R		**Party identification details**	
3039	M	an..10	**Party identifier** Local supplier number of the message sender	+0000235500
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** **92 Assigned by buyer or buyer's agent**	:92
C058	N			
3124	N		Not used	+
C080	O		**Party name**	
3036	M	an..35	**Party name**	+Name1
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**	+
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	an..3	**Country identifier** Provides the country part of an address using a code. Use ISO3166 two alpha code.	+FR'

Comment: The sender of the message is usually the supplier (NAD+SE) who created and transmitted the message. In this case a transmission of NAD+MS is not necessary.
If the sender/generator of the message is not identical with the supplier in NAD+SE, the message sender in NAD+MS must be transmitted!
Sending a DESADV on behalf of a supplier:
Parts to be dileivered are stored in a third party warehouse. When a shipment leaves the warehouse, the service provider sends the DESADV on behalf of the supplier. Booking and payment relates to the supplier. The feedback regarding data quality and potential errors relates to the service provider rather than the supplier. Therefore the NAD+MS is included to identify the message sener in these situations..

Example: `NAD+MS+0000235500::92++Name1:Name2+Street1:Street2+City++12345+FR'`

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SG2 Status D, MaxOcc 1 **Message Sender**

Required specification in the EDL process (BGM 1000 = EDL), in which the service provider arranges goods from several suppliers into one shipment and notifies them with one DESADV.

SG3 Status O, MaxOcc 1 **Additional Party ID (DUNS)**

RFF No 24, Status M, MaxOcc 1 **Reference**

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

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:123456789'

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)

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SG2	Status	R	Ship from
	MaxOcc	1	
NAD	No	25	**Ship from's name and address**
	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	an..10	**Local supplier code** 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.	+0000128311
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	M	an..35	**Name and address description**	+
C080	R		**Party name**	
3036	M	an..35	**Party name** Single text line for party name	+Name1
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** 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** 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	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	R	a2	**Country identifier** Country coded according to ISO 3166-1	+DE'

Comment: Ship-from: the business partner that physically sends the goods or provides collection.

Example: NAD+SF+0000128311::92++Name1:X+Street1:Street2+City++12345+DE'

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SG2	Status	R
	MaxOcc	1

Ship from

LOC	No	26
	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** City / place / location ID 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.	+Beladestelle Id
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **16 US, D&B (Dun & Bradstreet Corporation)** **91 Assigned by seller or seller's agent**	:91
3224	O	an..256	**Location name** City / place/ location name, complete address if applicable	: Beladestelle'

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

Example: `LOC+9+Beladestelle Id::91:Beladestelle'`

SG2	Status R MaxOcc 1	**Ship from**
SG3	Status O MaxOcc 1	**VAT registration number**
RFF	No 27 Status M MaxOcc 1	**VAT registration number**

	St	Format	Usage	Example
RFF				**RFF**
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **VA VAT registration number**	**+VA**
1154	R	an..17	**Reference identifier** Unique identifier assigned to a business partner for the purpose of VAT handling by tax authorities.	**:Umsatzsteuer ID'**

Comment:

Example: `RFF+VA:Umsatzsteuer ID'`

SG2	Status R MaxOcc 1	**Ship from**
SG3	Status R MaxOcc 1	**Additional Party ID (DUNS)**
RFF	No 28 Status M MaxOcc 1	**Reference**

	St	Format	Usage	Example
RFF				**RFF**
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier**	**+ANK**
			ANK Reference number assigned by third party	
1154	R	n9	**DUNS number**	**:647601464'**

Comment:

Example: **RFF+ANK:647601464'**

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SG2	Status	R	Ship to
	MaxOcc	1	
NAD	No	29	**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	M	an..3	**Party identifier** Plant number (an..3) as transmitted in the call-off.	+11
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	M	an..35	**Name and address description**	+
C080	R		**Party name**	
3036	M	an..35	**Party name** Single text line for specification of a name	+Volkswagen AG Wolfsburg
3036	O	an..35	**Party name** Single text line for specification of a name	:
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	+Zufahrt ueber A39
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.	+Wolfsburg
C819	O		**Country subdivision details**	
3229	R	a2	**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	+38436
3207	R	an..3	**Country identifier** Country coded according to ISO 3166-1	+DE'

Comment: The plant number is always transmitted. Additional address data is transmitted if available in the master data. All address data is available as a CSV file in the Group Business Platform www.vwgroupsupply.com.
All part numbers of one recipient plant/place of discharge are to be transmitted in one VDA 4987.

Example: `NAD+ST+11::92++Volkswagen AG Wolfsburg+Zufahrt ueber A39:X+Wolfsburg++38436+DE'`

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SG2	Status	R	Ship to
	MaxOcc	1	

LOC	No	30	Place of discharge
	Status	D	
	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	R	an..3	**Location identifier** City / place / location ID	+CKD
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
3224	R	an..256	**Location name** City / place / location name	:Halle 103; Zufahrt ueber A39; 38436 Wolfsburg; Deutschland'

Comment: All part nummber of one recipient plant/place of discharge are to be transmitted in one VDA 4987. Required for all process whiched are not based on manufacuring reference numbers (BGM 1000 = PROD-NR, JIS-IST).

Physical place of discharge of the means of transport for one plant + place of discharge. Value from LOC+7 of VDA 4984. All line items of a shipment must be summarized in one VDA 4987 and thus in one shipment document VDA 4939.

Example: `LOC+11+CKD::92:Halle 103; Zufahrt ueber A39; 38436 Wolfsburg; Deutschland'`

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SG2 Status D, MaxOcc 1 **Freight forwarder**

If the forwarder commissions and freight payments are made by the supplier, it is not absolutely necessary to transfer the forwarder data. This case usually applies to the INCOTERMs CIF and CIP
The forwarding agent is mandatory for shipmentes with Incoterms "EXW" (ex works) and "FCA" (free carrier).

NAD No 31, Status M, MaxOcc 1 **ID, name, 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** Supplier number of the freight forwarder assigned by Volkswagen (3055 = 92). If the freight forwarder is not commissioned by Volkswagen or his number is unknown the number of the freight forwarder, assigned by the supplier (3055 = 91) should be specified here. The following rule applies to the format depending on the code in DE 3055: Code 92 format =an..10, code	**+0002345600**
1131	N		Not used	**:**
3055	R	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **91 Assigned by seller or seller's agent** **92 Assigned by buyer or buyer's agent**	**:92**
C058	N			
3124	M	an..35	**Name and address description**	**+**
C080	R		**Party name**	
3036	M	an..35	**Party name** Freight Forwarder's Name Single text line for specification of a name	**+Name1**
3036	O	an..35	**Party name** see 3036 # 1	**: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	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	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	R	a2	**Country identifier** Country coded according to ISO 3166-1	**+DE'**

Comment: The freight forwarder is the business partner commissioned with the transport organisation.

Example: **NAD+FW+0002345600::92++Name1:Name2+Street1:Street2+City++12345+DE**

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)

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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)

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SG2 Status D, MaxOcc 1 — **Freight forwarder**

If the forwarder commissions and freight payments are made by the supplier, it is not absolutely necessary to transfer the forwarder data. This case usually applies to the INCOTERMs CIF and CIP
The forwarding agent is mandatory for shipmentes with Incoterms "EXW" (ex works) and "FCA" (free carrier).

SG3 Status R, MaxOcc 1 — **Additional Party ID (DUNS)**

RFF No 32, Status M, MaxOcc 1 — **Reference**

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

Comment:

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

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SG2	Status	O	Carrier
	MaxOcc	1	

NAD	No	33	Carrier
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **CA Carrier**	+CA
C082	O		**Party identification details**	
3039	M	an..35	**Party identifier** Unique identifier of business partner (customer number, supplier number, DUNS number, etc.).	+Identifier
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** Code specifying the agency responsible for a code list. **10 ODETTE** **16 US, D&B (Dun & Bradstreet Corporation)** **91 Assigned by seller or seller's agent** **92 Assigned by buyer or buyer's agent**	:92
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	+Name1
3036	O	an..35	**Party name** see 3124 # 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	an..3	**Country identifier** Country coded according to ISO 3166-1	+DE'

Comment: The carrier is the business partner commissioned by the freight carrier to carry out the transport.

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

SG2	Status O MaxOcc 1	**Carrier**
SG3	Status O MaxOcc 1	**Additional Party ID (DUNS)**
RFF	No 34 Status M MaxOcc 1	**Reference**

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

Comment:

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

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SG2 Status O MaxOcc 1 **Ultimate Customer Party**

Only used for OT-Strecke (BGM 1000 = VAB-DDP).

NAD No 35 Status M MaxOcc 1 **Ultimate customer's name and address**

	St	Format	Usage	Example
NAD				NAD
3035	M	an..3	**Party function code qualifier** **UD Ultimate customer**	+UD
C082	O		**Party identification details**	
3039	M	an10	**Party identifier** Unique identifier of the business partner (customer number, supplier number DUNS or similar) For the Genuine Parts Special Processes (BGM 1000 = VAB-DDP) the content from the DELJIT CALDEL NAD+CN has to be transmitted. For the VDA 4984/4985/ 4986 the source is NAD+ST.	+0000000317
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	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	+Brickwall and Co.
3036	O	an..35	**Party name** Single text line for specification of a name	: (Gambia) Ltd.
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	+Last
3042	O	an..35	**Street and number or post office box identifier** see 3042 # 1	:Highway 3
3164	O	an..35	**City name**	+Old Jeshwang, Serrekunda
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	+Serrekunda
3207	O	an..3	**Country identifier** Country coded according to ISO 3166-1	+GM'

Comment:

Example: `NAD+UD+0000000317::92++Brickwall and Co.: (Gambia) Ltd.+Last:Highway 3+Old Jeshwang, Serrekunda++Serrekunda+GM'`

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)

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SG5	Status R MaxOcc 1	**Terms of delivery**
TOD	No 36 Status M MaxOcc 1	**Terms of delivery or transport**

	St	Format	Usage	Example
TOD				TOD
4055	R	an..3	**Delivery or transport terms function code** **6 Delivery condition**	+6
4215	N		Not used	+
C100	R		**Terms of delivery or transport**	
4053	R	an..3	**Delivery or transport terms description code** EXW = corresponds to "ex works" in VDA 4913 CIF/CIP = corresponds to "free" VDA 4913 The list also contains codes that are no longer included in the INCOTETRMS 2010, as they are still often used in practice. **CFR Cost and Freight (insert named port of destination)** **CIF Cost, Insurance and Freight (insert named port of destination)** **CIP Carriage and Insurance Paid to (insert named place of destination)** **CPT Carriage Paid To (insert named place of destination)** **DAF Delivered At Frontier (... named place) (removed in version 2010)** **DAP Delivered At Place** **DAT Delivered At Terminal (... named place)** **DDP Delivered Duty Paid (insert named place of destination)** **DDU Delivered Duty Unpaid (... named place of destination) (removed in version 2010)** **DEQ Delivered Ex Quay (Duty paid) (... named port of destination) (removed in version 2010)** **DES Delivered Ex Ship (... named port of destination) (removed in version 2010)** **EXW Ex Works (insert named place of delivery)** **FAS Free Alongside Ship (insert named port of shipment)** **FCA Free Carrier (insert named place of delivery)** **FOA FOB Airport - Named airport of departure** **FOB Free On Board (insert named port of shipment)** **FOR**	+EXW'

Comment:

Example: TOD+6++EXW'

SG5	Status	R
	MaxOcc	1

Terms of delivery

LOC	No	37
	Status	O
	MaxOcc	1

Location specification for INCOTERMS

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	**Location function code qualifier** **1 Place of terms of delivery**	+1
C517	R		**Location identification**	
3225	O	an..35	**Location identifier** Identifier of location, site, etc.	+Ortsangabe für INCOTERMS Id
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** Use code 6 if a UN/LOCODE is specified in DE 3225. **6 UN/ECE (United Nations - Economic Commission for Europe)** **92 Assigned by buyer or buyer's agent**	:92
3224	O	an..256	**Location name** Name of place/location; if necessary, use complete address.	:Ortsangabe für INCOTERMS'

Comment: Identifies location of despatch or destination according to applicable INCOTERMS code.

Example: `LOC+1+Ortsangabe für INCOTERMS Id::92:Ortsangabe für INCOTERMS'`

SG5	Status	R	Terms of delivery
	MaxOcc	1	
FTX	No	38	**Preference authorisation**
	Status	O	
	MaxOcc	1	

	St	Format	Usage	Example
FTX				**FTX**
4451	M	an..3	**Text subject code qualifier** **CUS Customs declaration information**	**+CUS**
4453	N		Not used	**+**
C107	N			
4441	M	an..17	**Free text description code**	**+**
C108	R		**Text literal**	
4440	M	an..256	**Free text** Text of the declaration of preference in accordance with the legal regulations.	**+Text**
4440	O	an..256	**Free text** see 4440 # 1	**:Text**
4440	O	an..256	**Free text** see 4440 # 1	**:Text**
4440	O	an..256	**Free text** see 4440 # 1	**:Text**
4440	O	an..256	**Free text** see 4440 # 1	**:Text**
3453	O	an..3	**Language name code** Code specifying the language name. Use ISO 639-1988	**+de'**

Comment: This segment must be used if parts are subject to preferential provisions of the overall delivery. In that case, the legally prescribed text for the declarations of preference is transmitted here. In the ALI segment at item level, a 'Y' (yes) is transmitted in the DE 9213 for each item to indicate preference authorised goods. Otherwise an 'N' (no) is to be transmitted.

Example: `FTX+CUS+++Text:Text:Text:Text:Text+de'`

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SG5	Status	R
	MaxOcc	1

Terms of delivery

FTX	No	39
	Status	O
	MaxOcc	5

Text for the description of the terms of delivery

	St	Format	Usage	Example
FTX				FTX
4451	M	an..3	**Text subject code qualifier** **AAR Terms of delivery**	+AAR
4453	N		Not used	+
C107	N			
4441	M	an..17	**Free text description code**	+
C108	R		**Text literal**	
4440	M	an..256	**Free text** Free text	+Text
4440	O	an..256	**Free text** see 4440#1	:Text
4440	O	an..256	**Free text** see 4440#1	:Text
4440	O	an..256	**Free text** see 4440#1	:Text
4440	O	an..256	**Free text** see 4440#1	:Text
3453	O	an..3	**Language name code** Code specifying the language name. Use ISO 639-1988	+de'

Comment:

Example: `FTX+AAR+++Text:Text:Text:Text:Text+de'`

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SG6	Status	R
	MaxOcc	1

Means of transport

TDT	No	40
	Status	M
	MaxOcc	1

Transport information

	St	Format	Usage	Example
TDT				TDT
8051	M	an..3	**Transport stage code qualifier** **12 At departure**	+12
8028	N		Unique reference number assigned by the carrier to a certain route or departure of a transport vehicle. Not used	+
C220	R		**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** **50 Mail** **60 Multimodal transport**	+30
C001	N			
8179	C	an..8	**Transport means description code**	+
C040	N			
3127	C	an..17	**Carrier identifier**	+
8101	N		Not used	+
C401	O		**Unscheduled delivery**	
8457	M	an..3	**Excess transportation reason code** **ZZZ Mutually defined** ZZZ is only a place holder, since the DE has the status M. Only the special delivery number (or similar reference) in DE 7130 is transmitted in the message. The responsibility is settled outside and independently of the EDI exchange.	+ZZZ
8459	M	an..3	**Excess transportation responsibility code** **X Responsibility to be determined**	:X
7130	R	an..17	**Customer shipment authorisation identifier** Special transport number	:ABC123
C222	R		**Transport identification**	
8213	R	an..25	**Transport means identification name identifier** Depending on the means of transport, use the registration number (license plate number) of the truck and carriage or swap body number, the ship name or flight number. The identification of a trailer, articulated trailer or other additional transport equipment is in the EQD segment.	+WOB-S 123
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code**	:91
8212	N		Not used	:
8453	O	a2	**Transport means nationality code** Identification of the country name or other geographic area according to ISO 3166. Use ISO 3166-1 alpha-2 country code.	:DE
8281	N		Not used	+
C003	O		**Power type**	

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	St	Format	Usage	Example
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'`

Comment:

Example: `TDT+12++30++++ZZZ:X:ABC123+WOB-S 123::91::DE++1'`

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SG6	Status	R
	MaxOcc	1

Means of transport

TMD	No	41
	Status	O
	MaxOcc	1

Transport movement type at departure

	St	Format	Usage	Example
TMD				TMD
C219	R		**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'

Comment:

Example: TMD+X01'

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SG8	Status	O
	MaxOcc	1

Transport equipment

EQD	No	42
	Status	M
	MaxOcc	1

Equipment / means of transport (trailer / swap body)

	St	Format	Usage	Example
EQD				`EQD`
8053	M	an..3	**Equipment type code qualifier** **CN Container** **RR Rail car** **SW Swap body** Wechselbrücke **TE Trailer** Coded qualifier for type of an equipment.	`+CN`
C237	R		**Equipment identification**	
8260	R	an..12	**ID of used equipment.** Identification number of the means of transport, e.g. registration number of the trailer, container no., carriage no., etc.	`+ContainerId'`

Comment: Information that identifies and describes the used transportation equipment.
The EQD segment should be sent only if an additional means of transport without its own propulsion is used.

Example: `EQD+CN+ContainerId'`

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SG8	Status	O
	MaxOcc	1

Transport equipment

SEL	No	43
	Status	O
	MaxOcc	1

Seal number

	St	Format	Usage	Example
SEL				SEL
9308	R	an..35	**Seal number**	+1234567'

Comment:

Example: SEL+1234567'

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

CPS No 44, Status M, MaxOcc 1 — **Outer handling units / Intermediate packaging level**

	St	Format	Usage	Example
CPS				CPS
7164	M	n..6	**Hierarchical structure level identifier** From the message sender generated ascending counter that is assigned to a packaging material group within the message. It is recommended to start with 1 and number in ascending order.	+1
7166	N		Not used	+
7075	R	an..3	**Code for the level of the packaging.** **3 Outer** Outer handling units, highest packaging level (e.g. pallet or large load carrier) with subpackages **2 Intermediate**	+3'

Comment: For the SG 11, which is designated as loading unit / intermediate level, there is no article position (SG17) they always follow the inner packaging items.
The packaging material structures in the message are formed from outside to inside, first the loading unit, then the packaging items and in each case first the main packaging material and then additional packaging material.

Example:
A shipment consists of two pallets and two GLTs each with eight SLCs. All SLCs contain the same parts (same item number). In this case two SG11s must be used for the outer packaging material, one for the pallets and one for the GLT. Inside the SG11 (trigger CPS) an SG12 (trigger PAC) for the main packaging material and 1..n SG 12 for the additional packaging material are used.

Afterwards the SLCs follow in a separate SG11 for the inner packaging material.
For more detailed information please refer to the packaging material examples.

If packaging materials have the same properties (same packaging material type, same additional packaging material - number and type - and the same filling quantities, etc.), they can be grouped together (they form a packaging material group - level SG11).

For each outer packaging the numbers/identifiers of the included containers in it / on it of the next packaging level are listed. The procedure with intermediate packaging is similar.

Homogeneous handling units (CPS+++3) according VDA definition shall be combined in on PAC segment.

Example: `CPS+1++3'`

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

PAC No 45, Status M, MaxOcc 1 — **Quantity, type and ownership identifier**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..3	**Package quantity** Number of identical handling units belonging to this group.	+2
C531	R		**Packaging details**	
7075	N		Not used	+
7233	R	an..3	**Packaging related description code** **35 Type of package** Code 35 identifies a main packaging material	:35
7073	R	an..3	**Packaging terms and conditions code** **AAA One way packaging, supplier pays** **AAB One way packaging, customer pays** **AAC Customer's returnable package item** **AAD Supplier's returnable package item** **AAC Customer's returnable package item**	:AAC
C202	R		**Packaging material identification of the customer**	
7065	R	an..7	**Package type description code** Designation of the packaging, coded according to the packaging data sheet (packaging material code of the customer) respectivly allowed codes for alternative packaging, e. g. 0001PAL or E352430.	+0001PAL
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
C402	O		**Packaging material identification of the supplier**	
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.	:080607
7143	O	an..3	**Item type identification code** **SA Supplier's article number**	:SA'

Comment: This PAC segment group describes the packaging items and their properties.
Similar packages must be combined in one SG11. For grouping criteria, see the process description and the packaging examples.
Basically all packaging actually used are given here in a structured form.

Example: `PAC+2+:35:AAC+0001PAL::92+X:080607:SA'`

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

QTY No 46, Status R, MaxOcc 1 — **Maximum stackability**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **171 Maximum stackability**	+171
6060	M	n..3	**Quantity** Stacking factor (maximum)	:9
6411	R	an..8	**Measurement unit code** **C62 one** **PCE piece**	:C62'

Comment: Maximum number of same type of packaging items that may be stacked onto each other.

Example: QTY+171:9:C62'

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

QTY No 47, Status R, MaxOcc 1 — **Number of included inner packaging materials**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **189 Number of packages in handling unit**	+189
6060	M	n..3	**Quantity** Number of contained packages	:5
6411	R	an..8	**Measurement unit code** **C62 one** **PCE piece**	:PCE'

Comment: Required for handling units with master label or mixed load
Number of packages (including virtual packages) contained in one loading unit. Only packaging of the next inner level is counted.

Example: QTY+189:5:PCE'

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

PCI No 48, Status M, MaxOcc 1 — **Label type of the loading unit**

	St	Format	Usage	Example
PCI				PCI
4233	R	an..3	**Marking instructions code** **17 Seller's instructions**	+17
C210	N			
7102	M	an..35	**Shipping marks description**	+
8169	N		Not used	+
C827	R		**Type of marking**	
7511	R	an..3	**Marking type code** **5J Unique license plate number mixed load** **6J Unique license plate number assigned to a master load** **3J Unique license plate number - JIS handling unit with trays** **4J Unique license plate number - JIS handling unit with 1..n JIS packages** The data identifier is the first part of a transport label. This ID indicates whether it is an outer or inner packaging. For outer packagings there is also the distinction between master label and mixed label. 6J - corresponds to the former M = master label 5J - corresponds to the former G = master mixed load	+5J
1131	N		Not used	:
3055	R	an..3	**Code list responsible agency code** **5 ISO (International Organization for Standardization)**	:5'

Comment: Each segment group 13 represents exactly one handling unit with its components/properties

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

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)

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG15 Status O, MaxOcc 1 — **Name of the JIS container / module name**

GIR No 49, Status M, MaxOcc 1 — **Name of the JIS container / module name**

	St	Format	Usage	Example
GIR				GIR
7297	M	an..3	**Set type code qualifier** **3 Package**	+3
C206	M		**Identification number**	
7402	M	an..35	**Name of the module (JIS container)**	+Türmodule
7405	R	an..3	**Object identification code qualifier** **XP Module name**	:XP'

Comment: This segment is only transmitted in connection with JIS packages (data identifier 3J or 4J)

Example: `GIR+3+Türmodule:XP'`

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG16 Status R, MaxOcc 1 — **Number of the transport label of the individual loading units**

GIN No 50, Status M, MaxOcc 1 — **Packaging item number of the loading unit.**

	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	an9	**Label ID of handling unit** The label ID may not be repeated until the number range from 000000001 to 999999999 is used. Only numbers (if applicable with leading zeroes) are allowed.	+000000960
7402	R	an22	**Object identifier** In principle the rules for the creation of the License Plate according to ISO 15394 apply with following restrictions. As IAC (Issuing Agency Code) UN is to be used exclusively. As CIN (Company Identification Code) only the DUNS (RFF+ANK) of the ship from is allowed . The serial number is the value of the first DE 7402 (package number).	:5JUN123456789000000960'

Comment: If the segment is sent twice, the qualifiers must of course also be different.

Example: GIN+ML+000000960:5JUN123456789000000960'

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG16 Status D, MaxOcc 1 — **OT DDP: LHM number (VDA: Packaging item number assigned by customer)**
NLK despatch call-off Chattanooga: Manifest number (VDA: packaging item number assigned by customer)

Required for OT-Strecke (BGM 1000 = VAB-DDP)
Required for NLK despatch call-off for Chattanooga (BGM 1000 = VAB-CHA)

GIN No 51, Status M, MaxOcc 1 — **OT DDP: LHM number (VDA: Packaging item number of the loading unit.)**
NLK despatch call-off Chattanooga: Manifest number (VDA: Packaging item number of the loading unit.)

	St	Format	Usage	Example
GIN				`GIN`
7405	M	an..3	**Object identification code qualifier** **BU Package buyer assigned identifier**	`+BU`
C208	M		**Identity number range**	
7402	M	an..12	**LHM number (format n12), (BGM 1000 = VAB-DDP)** **Manifest no. (format n10), (BGM 1000 = VAB-CHA)** Only Chattanooga! (BGM 1000 = VAB-CHA) For deliveries for which a despatch call-off from VW (GLOBAL DELJIT - VAB) was sent, is it mandatory that the manifest no. is transmitted back for deliveries to the Chattanooga plant. In the after market bypass process (VW) (BGM 1000 = VAB-DDP) the LHM number is transmitted that it is to be formed by the supplier according to the customer and which deviates from the otherwise usual packaging item number. For advice OT drop shipment business: LHM number (n12) the first three characters of the supplier number + index + 8-digit packaging item number. Example: Old supplier no. 6 digits and 1 digit index: 0252210 = 25221/0 => 252012345678 New supplier no. 7 digits and 2 characters index: 0012563300 = 125633/0 => 125012345678 Chattanooga only! The Manifest no. is mandatory for delivieries to the Chattanooga plant and where a despatch call-off was sent by VW (GLOBAL DELJIT - VAB).	`+252012345678'`

Comment: If a unique assignment of the various packaging item IDs to each other is necessary, there must be an SG13 for each packaging item. Otherwise, the list of the corresponding IDs in the concerned GIN segment can be transmitted. The total number of SG 15 must not exceed 99.

Example: `GIN+BU+252012345678'`

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG16 Status R, MaxOcc 99 — **Label / packaging item ID of the packaging items included in the loading unit**

The total number of the SG15-GIN must not exceed 99 per PCI segment group.

GIN No 52, Status M, MaxOcc 1 — **Label / packaging item ID of the packaging items included in the loading unit**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **AW Serial shipping container code** Interpreted as: Packaging item numbers of the included packaging items.	+AW
C208	M		**Identity number range**	
7402	M	an9	**Object identifier** ID of the included packaging item in an outer or intermediate packaging. This may concern a compartment in a JIS container or it may be a virtual container (see process documentation and packaging examples). Only numbers (if applicable with leading zeroes) are allowed.	+000000955
7402	O	an..35	**Object identifier** Label ID of the logistics package unit (license plate), consisting of the data identifier (DI) of the handling unit (e.g. 1J), the issuing agency code (at Volkswagen Group UN for Dun & Breadstreet), the DUNS number of the ship from (NAD+SF, RFF+ANK)) plus the unique ID assigned by the ship from (e.g. 000012345) => 6JUN123456789000012345	:1JUN123456789000000955
C208	O		**Identity number range**	
7402	M	an9	**Object identifier** see DE 7402#1	+000000956
7402	O	an..35	**Object identifier** see DE 7402#2	:1JUN123456789000000956
C208	O		**Identity number range**	
7402	M	an9	**Object identifier** see DE 7402#1	+000000957
7402	O	an..35	**Object identifier** see DE 7402#2	:1JUN123456789000000957
C208	O		**Identity number range**	
7402	M	an9	**Object identifier** see DE 7402#1	+000000958
7402	O	an..35	**Object identifier** see DE 7402#2	:1JUN123456789

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)

	St	Format	Usage	Example
				000000958
C208	O		**Identity number range**	
7402	M	an9	**Object identifier** see DE 7402#1	+000000959
7402	O	an..35	**Object identifier** see DE 7402#2	: 1JUN123456789 000000959'

Comment: List of or packages contained in the identified handling unit.

Example: `GIN+AW+000000955:1JUN123456789000000955+000000956:1JUN12345678900`
`0000956+000000957:1JUN123456789000000957+000000958:1JUN1234567890`
`00000958+000000959:1JUN123456789000000959'`

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG16 Status O, MaxOcc 99 — **Control number of a JIT container**

GIN No 53, Status M, MaxOcc 1 — **Package control number**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **CQ Internal control number**	+CQ
C208	M		**Identity number range**	
7402	M	an..35	**Object identifier** Control number	+1'

Comment: Consecutive control number of a JIT-container, used to validate the sequence of containers at the assembly line (e.g. 1..999 and then starting again with 1 and so on)

Example: GIN+CQ+1'

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG17 Status R, MaxOcc 1 — **Weight of the individual loading unit**

COD No 54, 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** **NO** This segment serves only as trigger.	+NO'

Comment:

Example: COD+NO'

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG17 Status R, MaxOcc 1 — **Weight of the individual loading unit**

MEA No 55, Status O, 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	R	an..8	**Measurement unit code** **KGM kilogram**	+KGM
6314	R	n..7	**Measure** Gross weight	:9'

Comment:

Example: `MEA+AAZ+AAB+KGM:9'`

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)

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG17 Status R, MaxOcc 1 — **Weight of the individual loading unit**

MEA No 56, Status R, MaxOcc 1 — **Net 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** **AAA Net weight**	+AAA
C174	R		**Value/range**	
6411	R	an..8	**Measurement unit code** **KGM kilogram**	+KGM
6314	R	n..7	**Measure** Net weight	:9'

Comment:

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

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG17 Status R, MaxOcc 1 — **Weight of the individual loading unit**

MEA No 57, Status R, MaxOcc 1 — **Tare 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** **T Tare weight**	**+T**
C174	R		**Value/range**	
6411	R	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Measure** Weight of the single package (without content)	:100'

Comment:

Example: **MEA+AAZ+T+KGM**:100'

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)

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status R, MaxOcc 1 — **Handling unit group details - Main packaging**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

SG14 Status R, MaxOcc 1000 — **List of individual handling units**

SG17 Status R, MaxOcc 1 — **Weight of the individual loading unit**

QTY No 58, Status O, MaxOcc 1 — **Quantity of parts in homogeneous handling units.**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **52 Quantity per pack**	+52
6060	M	n..35	**Quantity** Parts quantity per loading unit according to type	:9
6411	R	an..8	**Measurement unit code** **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: This can be used only for loading units that have a master label (data identifier 6J). As a rule, for these loading units the quantity of the parts per loading unit is specified on the transport label. The QTY segment can be used to transmit this amount. That is particularly advisable if the data of the DESADV is also used to create the despatch notes and transport label by means of TSB Generator.

Example: `QTY+52:9:PCE'`

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status O, MaxOcc 9999 **Packaging aid**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

PAC No 59, Status M, MaxOcc 1 **Packaging aid**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..8	**Number of identical handling units belonging to this group.** The number of additional packaging materials must be a whole number multiple of the loading units (main packaging material) so that they are assignable.	+5
C531	R		**Packaging details**	
7075	N		Not used	+
7233	R	an..3	**Packaging related description code** Code 37 identifies an additional packaging material **37 Package protection**	:37
7073	R	an..3	**Packaging terms and conditions code** Code for packaging conditions. **AAA One way packaging, supplier pays** **AAB One way packaging, customer pays** **AAC Customer's returnable package item** **AAD Supplier's returnable package item**	:AAC
C202	R		**Packaging material identification of the customer**	
7065	R	an..7	**Package type description code** Designation of the packaging, coded (packaging material code of the customer)	+080607
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** **92 Assigned by buyer or buyer's agent**	:92
C402	O		**Packaging material identification of the supplier**	
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).	:080607
7143	O	an..3	**Item type identification code** **SA Supplier's article number**	:SA'

Comment: This PAC segment group describes the packages and their caracteristics.
Identical packaging aids that belong to same kind of loading units MUST be aggregated. The packaging aids must be transmitted after the main packaging in one CPS group. For grouping criteria, see the process description and the packaging examples.
Basically all packaging actually used are given here in a structured form.
Identical auxiliary packages must be transmitted consolidated in one PAC segment

Example: PAC+5+:37:AAC+080607::92+X:080607:SA'

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)

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

This segment group is to be transmitted only for outer and intermediate packaging materials.

SG12 Status O, MaxOcc 9999 **Packaging aid**

All SG 11s in the group of the outer loading units or intermediate level (SG 10) must not exceed the 9999 in total.

MEA No 60, Status R, MaxOcc 1 **Tare 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** **T Tare weight**	+T
C174	R		**Value/range**	
6411	R	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:

Example: `MEA+AAY+T+KGM:9'`

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

CPS	No	61	**Despatch control line / group of inner packaging items and article line**
	Status	M	
	MaxOcc	1	

	St	Format	Usage	Example
CPS				CPS
7164	R	n..6	**Hierarchical structure level identifier** Line Number From the message sender generated ascending counter that is assigned to a packaging material group within the message. It is recommended to start with 1 and number in ascending order.	+2
7166	N		Not used	+
7075	R	an..3	**Code for the level of the packaging.** **1 Inner** **4 No packaging hierarchy** Code 4 stands for simplified loading units.	+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. Concrete packaging examples are documented in Appendix 3 of VDA 4987.

Because in the message a 1:1 relationship of batch (GIR+1), minimum shelf life date (DTM+361) / manufacturing data (DTM+94) / expiration date (DTM+36) and delivery note line item number (RFF+AAU) and/or the production number (JIS process) (GIR+4) must be guaranteed, an SG 10 "Product identification grouping level and inner packaging" must be generated for each of the above mentioned key terms.
The packaging material structures in the message are formed from outside to inside, first the loading unit, then the packaging items and in each case first the main packaging material and then additional packaging material.

If packaging materials have the same properties (same packaging material type, same additional packaging material, same filling quantity, same item number, same batch number, same stacking factor), they should be grouped together (they form a packaging material group).
For each outer packaging the numbers/identifiers of the included containers in it / on it of the next packaging level are listed. The procedure with intermediate packaging is similar.

For the test capability of the guide a simple packaging case is represented here. Extensive packaging examples are described in Appendix 3 of VDA 4987.
In order to achieve check ability this guide describes a simple packaging structure. Detailed packaging examples are described in Appendix 3 of the VDA 4987.

Example: `CPS+2++1'`

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

PAC No 62, Status M, MaxOcc 1 — **Quantity, type and ownership identifier**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..6	**Package quantity** Number of packages assigned to this group (number of identical packages).	+9
C531	R		**Packaging details**	
7075	N		Not used	+
7233	R	an..3	**Packaging related description code** Code 35 identifies a main packaging material **35 Type of package** Code 35 identifies main packaging	:35
7073	R	an..3	**Packaging terms and conditions code** **AAA One way packaging, supplier pays** **AAB One way packaging, customer pays** **AAC Customer's returnable package item** **AAD Supplier's returnable package item**	:AAC
C202	R		**Packaging material identification of the customer**	
7065	R	an..7	**Package type description code** Designation of the packaging, coded according to the packaging data sheet (packaging material code of the customer) respectivly allowed codes for alternative packaging, e. g. 0001PAL or E352430.	+0001PAL
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** **92 Assigned by buyer or buyer's agent**	:92
C402	O		**Packaging material identification of the supplier**	
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) This data element is mandatory according to EDIFACT. If the supplier does not have a packaging material code but in the next 7064 the packing designation should be transmitted, the packaging material code of the customer (from C202 7065) should be repeated here.	:080607
7143	O	an..3	**Item type identification code** **SA Supplier's article number**	:SA'

Comment: This PAC segment group describes the packages and their caracteristics.
Similar packages must be combined in one SG11. For grouping criteria, see the process description and the packaging examples.
Basically all packaging actually used are given here in a structured form.
This variant of SG11 is used to describe the simplified type of handling units or shipping packaging units that corresponds to a specific design, with specifying properties such as dimensions, material, etc. Identical packages could be combined in one SG11 per identical handlich units (i.e. per group of handling units). For grouping criteria, see the process description and the packaging examples.

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)

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Packages are considered to be identical if they
- contain parts of the same part number
- have the same package quantity per package item
- have the same batch number, best before data and last used date
- have the same packaging aids

Example: `PAC+9+:35:AAC+0001PAL::92+X:080607:SA'`

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

MEA No 63, Status O, MaxOcc 1 — **Gross weight of the packaging item**

	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** **G Gross weight**	+G
C174	R		**Value/range**	
6411	R	an..8	**Measurement unit code** **KGM kilogram**	+KGM
6314	R	n..7	**Measure** Mass of the items contained in the inner packaging including optional sales package.	:9'

Comment:

Example: `MEA+AAY+G+KGM:9'`

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

MEA	No 64 Status O MaxOcc 1	**Net weight of the packaging item**

	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	R	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Measure** Weight (mass) of the products	**:9'**

Comment:

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

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)

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

MEA No 65, Status O, MaxOcc 1 — **Volume of the packaging material**

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

Comment:

Example: `MEA+AAY+ABJ+LTR:9'`

SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

MEA	No 66 Status O MaxOcc 1	**Tare 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** **T Tare weight**	**+T**
C174	R		**Value/range**	
6411	R	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Measure** Weight of the package (without content)	**:100'**

Comment:

Example: **MEA+AAY+T+KGM:100'**

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

QTY No 67, Status O, MaxOcc 1 — **Maximum stackability**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **171 Maximum stackability**	+171
6060	M	n..3	**Quantity** Stacking factor (maximum), max. number of packagings that can be stacked on top of each other without causing damage.	:9
6411	R	an..8	**Measurement unit code** Code specifying the unit of measurement, use UN/ECE Rec. 20 **C62 one** **PCE piece**	:PCE'

Comment: Maximum number of same type of packaging items that may be stacked onto each other.

Example: `QTY+171:9:PCE'`

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

QTY No 68, Status R, MaxOcc 1 — **Quantity per packaging unit**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **52 Quantity per pack**	+52
6060	M	n..35	**Quantity** Quantity per packaging	:9
6411	R	an..8	**Measurement unit code** **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 synonyms for "piece"	:PCE'

Comment: Mandatory for all processes except JIS

Example: QTY+52:9:PCE'

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

SG14	Status R MaxOcc 1000	**List of the individual packaging items**
PCI	No 69 Status M MaxOcc 1	**Package identification**

	St	Format	Usage	Example
PCI				`PCI`
4233	R	an..3	**Marking instructions code** **17 Seller's instructions**	`+17`
C210	N			
7102	M	an..35	**Shipping marks description**	`+`
8169	N		Not used	`+`
C827	R		**Type of marking**	
7511	M	an..3	**Marking type code** **1J Unique license plate number lowest package level** **3J Unique license plate number - JIS handling unit with trays** The Label identifier is the first part of the transport label. It identifies the label as the outer or inner packaging label. For the outer packaging, it is possible to distinguish between master label and mixed label. In the Global Transport Label documentation, this element is referred to as data identifier. 1J corresponds to former S = single label.	`+1J`
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: If a packaging item has a new batch (GIR+1), a new minimum shelf life date (DTM+361) / manufacturing date (DTM+94) / expiration date (DTM+36) or a new delivery note item (RFF+AAU) and/or a new production number (JIS process) (GIR+4), it is mandatory that this packaging item is described in a new "Production identification grouping level and inner packaging" SG 10 of its own. Just a new SG 13 is insufficient for changing the key terms.

If containers (or special frames) cannot be filled only with batch goods, virtual containers have to be created to keep the individual batches separate from each other.

Example: `PCI+17+++1J::5'`

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

SG14 Status R, MaxOcc 1000 — **List of the individual packaging items**

SG15 Status D, MaxOcc 10 — **Vehicle reference data**

Mandatory at JIS deliveries (BGM 1000 = PROD-NR or JIS-IST) and in the production-number-based process (BGM 1000 = PROD-NR).
If vehicle-related data is sent in the route call-off (BGM 1000 = VAB-DDP), here it must be transmitted back.

GIR No 70, Status M, MaxOcc 1 — **Related identification numbers**

	St	Format	Usage	Example
GIR				GIR
7297	M	an..3	**Set type code qualifier** **4 Vehicle reference set**	+4
C206	M		**Identification number**	
7402	M	an..35	**Object identifier** 7405 = AN: Identification no. - format n10 or n6 for Lamborghini 7405 = AP: Model - format an..3 7405 = BF: Key number - format an..10 7405 = VV: Vehicle identification number - format an..17 7405 = XA: Parts group / module ID - format an2 or an4 7405 = XB: Model year - format n2 7405 = XE: Pre-series number - format an..8 7405 = XN: Assembly line no. - format n..2 7405 = XO: Assembly sequence data - format n..6 7405 = XH: Re-order key or complaint ID - Format an..4 The specification of the identification number (7405 = AN) and the parts group / module ID (7405 = XA) is mandatory for JIS processes (BGM 1000 = PNR or JIS-IST). If this information is lacking, the message is rejected. The specification of the assembly sequence data (7405 = XO) and the assembly lines no. (7405 = XN) is mandatory for JIS processes (BGM 1000 = PNR or JIS-IST). If this information is missing the message is processed with errors. 7405 = XQ - Kennzeichen Ausnahmestatus: DUMMY, NO MODULE, NO JIS INFO - DUMMY: Supplier cannot deliver and inserts dummy part for assembly - NO MODULE: Supplier cannot deliver and left item empty - NO JIS INFO: Supplier should not deliver this JIS module - REORDER: es handelt sich um eine Nachbestellung	+1234567890
7405	R	an..3	**Object identification code qualifier** In the DELJIT/SYNCRO the model year and model are transmitted with the TMA qualifier in a field (yyaaa = 2-digit model year and 3-digit model). In VDA 4987 this information must be transmitted separately, the model year with the XB qualifier, the model with the AP qualifier.	:AN

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)

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	St	Format	Usage	Example
			VV Vehicle identity number **AN Manufacturing reference number** **XB Model year** **AP Product** **XA JIS call-off group** **BF Door key number** **PN Part number** Part number of an assembly part / module **XC Special colour** **XD Individual text or code (e.g. exhibition, press, ...)** **XE Pilot series ID** **XG Parameter string (e.g. for adjustment of axles)** **XH Re-order key or complaint ID** **XI Internal vehicle call-off number** **XJ Wheels at delivery specification** **XN Assembly line ID** **XO Sequence number** **XQ Exception status identifier**	
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** see 7402#1	**+WVWZZZ1JZ1W204568**
7405	R	an..3	**Object identification code qualifier** Use same codes as in the DE 7405 in first C206.	**:VV**
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** see 7402#1	**+14**
7405	R	an..3	**Object identification code qualifier** Use same codes as in the DE 7405 in first C206.	**:XB**
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** see 7402#1	**+04**
7405	R	an..3	**Object identification code qualifier** Use same codes as in the DE 7405 in first C206.	**:XN**
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** see 7402#1	**+1234**
7405	R	an..3	**Object identification code qualifier** Use same codes as in the DE 7405 in first C206.	**:XO'**

Comment:

Example: `GIR+4+1234567890:AN+WVWZZZ1JZ1W204568:VV+14:XB+04:XN+1234:XO'`

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

SG14 Status R, MaxOcc 1000 — **List of the individual packaging items**

SG15 Status D, MaxOcc 10 — **Vehicle reference data**

Mandatory at JIS deliveries (BGM 1000 = PROD-NR or JIS-IST) and in the production-number-based process (BGM 1000 = PROD-NR).
If vehicle-related data is sent in the route call-off (BGM 1000 = VAB-DDP), here it must be transmitted back.

DTM No 71, Status O, MaxOcc 1 — **Sequence 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** **194 Start date/time**	+194
2380	R	an..35	**Date or time or period text** Date and time	:200509040830
2379	R	an..3	**Date or time or period format code** **203 CCYYMMDDHHMM** **204 CCYYMMDDHHMMSS**	:203'

Comment:

Example: DTM+194:200509040830:203'

SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

SG14	Status R MaxOcc 1000	**List of the individual packaging items**
SG15	Status O MaxOcc 1	**Additional information on steel deliveries**
GIR	No 72 Status M MaxOcc 1	**Related identification numbers**

	St	Format	Usage	Example
GIR				GIR
7297	M	an..3	**Set type code qualifier** **1 Product**	+1
C206	M		**Identification number**	
7402	M	an..35	**Object identifier** Property as qualified with code in DE 7405	+ABC123
7405	R	an..3	**Object identification code qualifier** **XP Quality label ID for steel material** **XQ Coil number** **XR Cutting coil number** **XS Total cutting sequence** **XT Cutting sequence number**	:XP
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** See DE 7402#1	+ABC123-03
7405	R	an..3	**Object identification code qualifier** All codes as in DE 7405#1 applicable.	:XQ
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** See DE 7402#1	+ABC123
7405	R	an..3	**Object identification code qualifier** All codes as in DE 7405#1 applicable.	:XR
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** See DE 7402#1	+10
7405	R	an..3	**Object identification code qualifier** All codes as in DE 7405#1 applicable.	:XS
C206	O		**Identification number**	
7402	M	an..35	**Object identifier** See DE 7402#1	+3
7405	R	an..3	**Object identification code qualifier** All codes as in DE 7405#1 applicable.	:XT'

Comment:

Example: `GIR+1+ABC123:XP+ABC123-03:XQ+ABC123:XR+10:XS+3:XT'`

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

SG14 Status R, MaxOcc 1000 — **List of the individual packaging items**

SG15 Status O, MaxOcc 1 — **Batch number, production / expiry date**

The supplier's internal batch numbers, production, expiry or shelf life dates must not be transmitted. This information is just to be sent if requested by the recipient, e. g. batch number.

GIR No 73, Status M, MaxOcc 1 — **Batch number**

	St	Format	Usage	Example
GIR				GIR
7297	M	an..3	**Set type code qualifier** **1 Product**	+1
C206	M		**Identification number**	
7402	M	an..15	**Object identifier** Batch number - if production date or retention date are to be transmitted without a batch number being present, the value NONE must be entered here because EDIFACT requires that this field should not remain empty. Permitted characters for the batch number: A-Z, 0-9, "-" (hyphen) and "/" (slash). Special characters are not permitted.	+Charge
7405	R	an..3	**Object identification code qualifier** **BX Batch number**	:BX'

Comment:

Example: `GIR+1+Charge:BX'`

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

SG14 Status R, MaxOcc 1000 — **List of the individual packaging items**

SG15 Status O, MaxOcc 1 — **Batch number, production / expiry date**

The supplier's internal batch numbers, production, expiry or shelf life dates must not be transmitted. This information is just to be sent if requested by the recipient, e. g. batch number.

DTM No 74, Status O, MaxOcc 1 — **Expiration date**

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **36 Expiry date**	+36
2380	R	n..12	**Expiration date**	:20130807
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD**	:102'

Comment: The parts/products in a container must have the same expiration date. If parts with different expiration dates are packaged in a container (and the expiration date is relevant to further processing), virtual packaging items must be formed to identify this content (e.g. on the label to be separately generated).
If a best before date/shelf life (MHD) is required by a ship-to, this must be transmitted as expiry date in the message.

Example: `DTM+36:20130807:102'`

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

SG12 Status R, MaxOcc 1 — **Packaging material group inner packaging material**

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

SG14 Status R, MaxOcc 1000 — **List of the individual packaging items**

SG15 Status O, MaxOcc 1 — **Batch number, production / expiry date**

The supplier's internal batch numbers, production, expiry or shelf life dates must not be transmitted. This information is just to be sent if requested by the recipient, e. g. batch number.

DTM No 75, Status O, MaxOcc 1 — **Manufacturing date**

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **94 Production/manufacture date**	+94
2380	R	n..12	**Manufacturing date**	:20130807
2379	R	an..3	**Date or time or period format code** **102 CCYYMMDD**	:102'

Comment: The parts/products in a container must have the same manufacturing date. If parts with different manufacturing dates are packaged in a container (and the manufacturing date is relevant to further processing), virtual packaging items must be formed to identify this content (e.g. on the label to be separately generated).

Example: `DTM+94:20130807:102'`

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

SG14	Status R MaxOcc 1000	**List of the individual packaging items**
SG15	Status O MaxOcc 1	**Name of the JIS container / module name**
GIR	No 76 Status M MaxOcc 1	**Related identification numbers**

	St	Format	Usage	Example
GIR				`GIR`
7297	M	an..3	**Set type code qualifier** **3 Package**	`+3`
C206	M		**Identification number**	
7402	M	an..35	**Object identifier** Name of the module (i.e. of the JIS package)	`+Türmodule`
7405	C	an..3	**Object identification code qualifier** **XP Module name**	`:XP'`

Comment: This segment is only transmitted in connection with JIS packages.

Example: `GIR+3+Türmodule:XP'`

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

SG14	Status R MaxOcc 1000	**List of the individual packaging items**
SG16	Status R MaxOcc 99	**Label ID of the packaging (packaging item number)**
GIN	No 77 Status M MaxOcc 1	**Label ID of the packaging (packaging item number)**

	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	R	an9	**Package number specified by supplier** The label ID may not be repeated until the number range from 000000001 to 999999999 is used. Only numbers (if applicable with leading zeroes) are allowed.	+000000955
7402	R	an22	**Object identifier** The ID must be unique within 12 months related to one Ship-from Party to one recipient plant In principle the rules for the creation of the License Plate according to ISO 15394 apply with following restrictions. As IAC (Issuing Agency Code) UN is to be used exclusively. As CIN (Company Identification Code) only the DUNS (RFF+ANK) of the ship from is allowed . The serial number is the value of the first DE 7402 (package number).	: 1JUN123456789 000000955
C208	O		**Identity number range**	
7402	R	an9	**Package number specified by supplier** ID of package	+000000956
7402	R	an22	**Object identifier** see 7402 #2	: 1JUN123456789 000000956
C208	O		**Identity number range**	
7402	R	an9	**Package number specified by supplier** ID of package	+000000957
7402	R	an22	**Object identifier** see 7402 #2	: 1JUN123456789 000000957
C208	O		**Identity number range**	
7402	R	an9	**Package number specified by supplier**	+000000958
7402	R	an22	**Object identifier** see 7402 #2	: 1JUN123456789 000000958
C208	O		**Identity number range**	
7402	R	an9	**Package number specified by supplier**	+000000959
7402	R	an22	**Object identifier** see 7402 #2	: 1JUN123456789

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)

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	St	Format	Usage	Example
				000000959'

Comment: If a unique assignment of the various packaging item IDs to each other is necessary, there must be an SG13 for each packaging item. Otherwise, the list of the corresponding IDs in the concerned GIN segment can be transmitted. The total number of SG 15 must not exceed 99.
The package number may be used only once within a calendar year.

Example:
```
GIN+ML+000000955:1JUN123456789000000955+000000956:1JUN12345678900
0000956+000000957:1JUN123456789000000957+000000958:1JUN1234567890
00000958+000000959:1JUN123456789000000959'
```


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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

SG14	Status R MaxOcc 1000	**List of the individual packaging items**
SG16	Status D MaxOcc 1	**OT DDP: LHM number (VDA: Packaging item number assigned by customer)** **NLK despatch call-off Chattanooga: Manifest number (VDA: packaging item number assigned by customer)**

Required for OT-Strecke (BGM 1000 = VAB-DDP)
Required for NLK Dispatch call-off for Chattanooga (BGM 1000 = VAB-CHA)

GIN	No 78 Status M MaxOcc 1	**OT DDP: LHM number (VDA: Packaging item number assigned by customer)** **NLK despatch call-off Chattanooga: Manifest number (VDA: packaging item number assigned by customer)**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **BU Package buyer assigned identifier**	+BU
C208	M		**Identity number range**	
7402	M	an..12	**LHM number (format n12), Manifest no. (format n10)** In the after market bypass process (VW) the LHM number is transmitted that is to be formed by the supplier according to the customer and which deviates from the otherwise usual packaging item number. For advice OT drop shipment business: LHM number (n12) the first three characters of the supplier number + index + 8-digit packaging item number. Example: Old supplier no. is 6 digits and 1 digit index: 0252210 = 25221/0 => 252012345678 New supplier no. 7 digits and 2 characters index: 0012563300 = 125633/0 => 125012345678 Only Chattanooga! For deliveries for which a despatch call-off from VW (GLOBAL DELJIT - VAB) was sent, is it mandatory that the manifest no. is transmitted back for deliveries to the Chattanooga plant.	+2012345678'

Comment: If a unique assignment of the various packaging item IDs to each other is necessary, there must be an SG13 for each packaging item. Otherwise, the list of the corresponding IDs in the concerned GIN segment can be transmitted. The total number of SG 15 must not exceed 99.

Example: `GIN+BU+2012345678'`

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

SG14	Status R MaxOcc 1000	**List of the individual packaging items**
SG16	Status O MaxOcc 1	**Tray number in JIS-container**
GIN	No 79 Status M MaxOcc 1	**Tray number**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **AO Position number in package**	+AO
C208	M		**Identity number range**	
7402	M	an..3	**Object identifier** Tray number	+1'

Comment:

Example: GIN+AO+1'

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

SG14	Status R MaxOcc 1000	**List of the individual packaging items**
SG16	Status O MaxOcc 99	**Package / Container serial number**
GIN	No 80 Status M MaxOcc 1	**Serial Number**

	St	Format	Usage	Example
GIN				`GIN`
7405	M	an..3	**Object identification code qualifier** **BN Serial number**	`+BN`
C208	M		**Identity number range**	
7402	M	an..35	**Object identifier** Identity Number Serial number of container. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), container type and serial number.	`+28BUN4433221106047RLE?+999999999'`

Comment: Permanently assigned serial number of container (e.g. RFID tag)
If correct assignment of the various package IDs is required, generate a separate SG13 for each package.
If this is not the case, the list can be transmitted with the respective IDs in the relevant GIN segment. The total number of SG15 must not exceed 99

Example: `GIN+BN+28BUN4433221106047RLE?+999999999'`

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status R MaxOcc 1	**Packaging material group inner packaging material**

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

SG14	Status R MaxOcc 1000	**List of the individual packaging items**
SG16	Status O MaxOcc 1	**Control number of a JIT container**
GIN	No 81 Status M MaxOcc 1	**Package control number - Modulo**

	St	Format	Usage	Example
GIN				`GIN`
7405	M	an..3	**Object identification code qualifier** **CQ Internal control number**	`+CQ`
C208	M		**Identity number range**	
7402	M	n3	**Object identifier** Control number	`+123'`

Comment: Consecutive control number of a JIT-container, used to validate the sequence of containers at the assembly line (e.g. 1..999 and then starting again with 1 and so on) or another check value to validate the sequence number.
Volkswagen = Modulo for JIS deliveries. To be printed on the transport label

Example: `GIN+CQ+123'`

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

SG12 Status O, MaxOcc 9999 — **Packaging aid**

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

PAC No 82, Status M, MaxOcc 1 — **Packaging aid**

	St	Format	Usage	Example
PAC				PAC
7224	R	n..6	**Package quantity** 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** Code 37 identifies an additional packaging material	:37
7073	R	an..3	**Packaging terms and conditions code** Code for packaging conditions. **AAA One way packaging, supplier pays** **AAB One way packaging, customer pays** **AAC Customer's returnable package item** **AAD Supplier's returnable package item**	:AAC
C202	R		**Packaging identification of customer**	
7065	R	an..7	**Package type description code** Designation of the packaging, coded (packaging material code of the customer)	+12081A
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** **92 Assigned by buyer or buyer's agent**	:92
C402	O		**Packaging identification of supplier**	
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).	:12081AE
7143	C	an..3	**Item type identification code** **SA Supplier's article number**	:SA'

Comment: This PAC segment group describes the packaging items and their properties.
Identical packaging aids that belong to same kind of loading units MUST be aggregated. The packaging aids must be transmitted after the main packaging in one CPS group. Grouping criteria are fully explained in the process description and packaging examples.
In principle, all actually used packagings are to be specified here in a structured manner.
Identical auxiliary packages must be transmitted consolidated in one PAC segment

Example: PAC+9+:37:AAC+12081A::92+X:12081AE:SA'

SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG12	Status O MaxOcc 9999	**Packaging aid**

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

MEA	No 83 Status O MaxOcc 1	**Gross 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** **T Tare weight**	**+T**
C174	R		**Value/range**	
6411	R	an..8	**Measurement unit code** **KGM kilogram**	**+KGM**
6314	R	n..7	**Measure** Weight of packaging aid	**:9'**

Comment:

Example: **MEA+AAY+T+KGM:9'**

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

LIN No 84, Status M, MaxOcc 1 — **Article number of the customer**

	St	Format	Usage	Example
LIN				`LIN`
1082	N		Not used	`+`
1229	N		Not used	`+`
C212	R		**Item number identification**	
7140	R	an..22	**Item identifier** The original article number has to be taken from the delivery call-off unchanged (if applicable with all Blanks). For JIS-PK (BGM 1000), the "logistical part number" is to be transferred here, which is necessary for container control by LISON. This means that for JIS-PK there is always only one single LIN segment (deviating from JIS-IST).	`+1234567890`
7143	R	an..3	**Item type identification code** **IN Buyer's item number**	`:IN'`

Comment: One LIN segment group represents either
a) one delivery note position of the shipment (in case of so called one-positional delivery notes the whole document) or
b) the partial delivery quantity per handling unit (or group of identical handling units).

Keys for a new delivery note position are:
- batch number
- manufacturing date
- best before date
- expiry date

all specified on the inner package level
and on line item level:
- article / part number
- order number
- engineering change (EC)
- hardware version

Please note:
If parts belonging to one delivery note position are packed in different loading units or simplified loading units, then a separate SG17 has to be created for each of those loading units (or group of identical loading units) including the split quantity for this loading unit (or group of identical loading units) in QTY+11 and the total delivery quantity of this delivery note position in QTY+12.

In other words: if there are several SG17 with the same delivery note number and delivery note position, then it is required to include the split quantity in QTY+11 in addition to the total delivery quantity in QTY+12. The total delivery quantity (QTY+12) is then transmitted redundantly in each SG17.

Example: `LIN+++1234567890:IN'`

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

PIA No 85, Status O, MaxOcc 1 — **Additional product id**

	St	Format	Usage	Example
PIA				PIA
4347	R	an..3	**Product identifier code qualifier** **1 Additional identification**	+1
C212	M		**Item number identification**	
7140	R	an..35	**ID number** 7143 = DR: generation status (GS-status), e.g. 01S, format an3 7143 = BT: hardware status (HW-status), e.g. H01, format an3 7143 = AG: software status (SW-status), e.g. 0010, format an4 only digits, possibly with leading zeros 7143 = GB: module id, "Teileart" for JIS-PK process, format an4 only digits, possibly with leading zeros	+123ABC
7143	R	an..3	**Item type identification code** **DR Drawing revision number** **AG Software revision number** **BT Technical phase** **SA Supplier's article number** **GB Buyer's internal product group code** DR - Parts generation status (changes with the tool that was used to manufacture the part) AG - Software status BT - Hardware status GB - module id	:SA
C212	O		**Item number identification**	
7140	R	an..35	**ID number**	+01S
7143	R	an..3	**Item type identification code** For codes, see C212#1/DE 7143	:DR
C212	O		**Item number identification**	
7140	R	an..35	**ID number**	+H01
7143	R	an..3	**Item type identification code** For codes, see C212#1/DE 7143	:BT
C212	O		**Item number identification**	
7140	R	an..35	**Item identifier** ID number	+0010
7143	R	an..3	**Item type identification code** For codes, see C212#1/DE 7143	:AG
C212	O		**Item number identification**	
7140	R	an..35	**ID number**	+12AB
7143	R	an..3	**Item type identification code** For codes, see C212#1/DE 7143	:GB'

Comment: The sequence with which the C212s are filled with the individual IDs is unimportant. The first C212, however, must be used; the following repetitions are optional.
For Electronic Control Units, ECUs, according to cross-sectional specifications LAH.DUM.909.H

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)

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"Identification of electronic vehicle systems" it is mandatory to transfer hardware and software versions. For this purpose, a part generation status, TGS, must also be specified for quality verification. If a TGS cannot be determined, a dummy value must be transmitted. In any case, all three values must always be given for ECUs: Part generation status, hardware status and software version number. If an assembly part (ZSB) contains several control units, hardware, software and part generation versions may only be sent from one control unit installed in it.

Specifically, the following formats and value ranges apply

Parts generation status 7143 = DR
From series tools: 01S-99S, auxiliary tools: 01H-99H, small series tools: 01K-99K,
If TGS could not be determined, the dummy value = 00S

Hardware status 7143 = BT
Series: H01 - H99 and 001 - 999 Development, including pre-series: X01 - X99, Y01 - Y99 and Z01 - Z99

Software version 7143 = AG
Series: 0001 - 9999
Bootloader software: B001 – B999
Development software: X001 – X999, Y001 – Y999, Z001 – Z999

The corresponding cross-sectional specifications should be made available to the suppliers as applicable documentation.

http://lxf02p710.wob.vw.vwg:15233/show/?id=1180406&key=1Ajhvg5Xo1JJ1zbNO70;

https://lso.volkswagen.de/one-kbp/content/media/kbp_private/kbp_private_documents/information/business_units/qualitaetssicherung/markendokumente_/porsche_ag_2/lieferanten_cd/teilelebenslauf_und_qualitaetsnachweis__tll_und_qnv_/Leitfaden_Qualitaetsnachweis_fuer_die_Vorserienphase.pd

Example: `PIA+1+123ABC:SA+01S:DR+H01:BT+0010:AG+12AB:GB'`

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

IMD No 86, Status R, MaxOcc 1 — **Product/service description**

	St	Format	Usage	Example
IMD				IMD
7077	N		Not used	+
C272	N			
7081	C	an..3	**Item characteristic code**	+
C273	R		**Item description**	
7009	R	an..17	**Usage code** **11 Production** **12 Sparepart** **17 Initial sample**	+11
1131	N		Not used	:
3055	O	an..3	**Code list responsible agency code** **272 Joint Automotive Industry agency**	:272
7008	O	an..40	**Item description** Article Description (Line 1) The description / brief designation of the article in simple text. Article designation, currently not processed in the goods receipt but is needed for the creation of the transport and despatch notes compliant with VDA 4939 from the DESADV (AMES-T). DELFOR SG 12: IMD; C273: DE7708	: Biegewerkzeug gem. Zeichnung 123'

Comment:

Example: `IMD+++11::272:Biegewerkzeug gem. Zeichnung 123'`

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

QTY No 87, 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** Despatched quantity	:9
6411	R	an..3	**Measurement unit code** 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'`

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

QTY	No 88 Status D MaxOcc 1	**Part of the whole quantity of one handling unit**

	St	Format	Usage	Example
QTY				QTY
C186	M		**Quantity details**	
6063	M	an..3	**Quantity type code qualifier** **11 Split quantity**	+11
6060	M	n..10	**Quantity** Actually despatched quantity	: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 synonymous for piece.	:PCE'

Comment: In this QTY segment the delivery quantity of this loading unit or group of the same type of loading units is transmitted.
This segment is to be used if the overall delivery quantity of a part (of an item number) is divided into multiple LIN segment groups and transmitted.

Please note:
If parts belonging to one delivery note position are packed in different loading units or simplified loading units, then a separate SG17 has to be created for each of those loading units (or group of identical loading units) including the split quantity for this loading unit (or group of identical loading units) in QTY+11 and the total delivery quantity of this delivery note position in QTY+12.

In other words: if there are several SG17 with the same delivery note number and delivery note position, then it is required to include the split quantity in QTY+11 in addition to the total delivery quantity in QTY+12. The total delivery quantity (QTY+12) is then transmitted redundantly in each SG17.

Example: QTY+11:9:PCE'

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

SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

ALI	No 89 Status R MaxOcc 1	**Country of origin, customs regime**

	St	Format	Usage	Example
ALI				**ALI**
3239	R	a2	**Country of origin identifier** Please declare the specific foreign trade origin of products and merchandise. Each product can be assigned with a country of origin due to their own production process. The country of origin is normally the country were the product had the last significant, economic justified process step. The determination of origin is defined by national legislation. In the European Union is this Art. 60 UCC. If you have questions, please contact the department for customs by e-mail: wup@volkswagen.de.	**+EN**
9213	D	an..3	**Duty regime type code** **N No, origin is not subject to preference** **Y Yes, origin is subject to preference** Must be filled out if FTX+CUS was transmitted (declaration of preference). If the status is unclear, "N" must be transmitted. Y = preference authorised goods N = no preference authorisation	**+N'**

Comment:

Example: **ALI+EN+N'**

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

GIN No 90, Status O, MaxOcc 100 — **Serial Number(s)**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **BN Serial number**	+BN
C208	M		**Identity number range**	
7402	M	an..30	**Object identifier** Identity Number Serial number of part. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), part number and serial number. If this number is longer than 35 digits, only the first 35 digits are transmitted and the remaining digits are entered in DE 7402#2. Otherwise, DE 7402#2 remains blank.	+DATAIDENTIFIER
7402	N		Identity Number Only used, if the serial number is longer than 35 digits. In this case, bytes 36 ... end are transferred here. Not used	:YPSERIALNUMMER
C208	O		**Identity number range** Further identity numbers	
7402	M	an..30	**Object identifier** Serial number of part. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), part number and serial number. If this number is longer than 35 digits, only the first 35 digits are transmitted and the remaining digits are entered in DE 7402#2. Otherwise, DE 7402#2 remains blank.	+DATAIDENTIFIER
7402	N		Only used, if the serial number is longer than 35 digits. In this case, bytes 36 ... end are transferred here. Not used	:YPSERIALNUMMER
C208	O		**Identity number range** Further identity numbers	
7402	M	an..30	**Object identifier** Serial number of part. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), part number and serial number. If this number is longer than 35 digits, only the first 35 digits are transmitted and the remaining digits are entered in DE 7402#2. Otherwise, DE 7402#2 remains blank.	+DATAIDENTIFIER
7402	N		Only used, if the serial number is longer than 35 digits. In this case, bytes 36 ... end are transferred here. Not used	:YPSERIALNUMMER
C208	O		**Identity number range** Further identity numbers	
7402	M	an..30	**Object identifier** Serial number of part. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), part number and serial number. If this	+DATAIDENTIFIER

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)

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	St	Format	Usage	Example
			number is longer than 35 digits, only the first 35 digits are transmitted and the remaining digits are entered in DE 7402#2. Otherwise, DE 7402#2 remains blank.	
7402	N		Only used, if the serial number is longer than 35 digits. In this case, bytes 36 ... end are transferred here. Not used	**:YPSERIALNUMMER**
C208	O		**Identity number range** Further identity numbers	
7402	M	an..30	**Object identifier** Serial number of part. Might consist of data identifier (DI), agency code (e.g. UN for DUNS), manufacturer code (e.g. DUNS number), part number and serial number. If this number is longer than 35 digits, only the first 35 digits are transmitted and the remaining digits are entered in DE 7402#2. Otherwise, DE 7402#2 remains blank.	**+DATAIDENTIFIER**
7402	N		Only used, if the serial number is longer than 35 digits. In this case, bytes 36 ... end are transferred here. Not used	**:YPSERIALNUMMER'**

Comment: All GIN Segments in one SG17 shall not exceed 100 occurrences.

Example: **GIN+BN+DATAIDENTIFIER+DATAIDENTIFIER+DATAIDENTIFIER+DATAIDENTIFIER+DATAIDENTIFIER'**

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

SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

GIN	No 91 Status O MaxOcc 100	**Engine Number(s)**

	St	Format	Usage	Example
GIN				GIN
7405	M	an..3	**Object identification code qualifier** **EE Engine number**	+EE
C208	M		**Identity number range**	
7402	M	an..35	**Object identifier** Engine number	+Motornummer1
C208	O		**Identity number range**	
7402	M	an..35	**Object identifier** Engine number	+Motornummer2
C208	O		**Identity number range**	
7402	M	an..35	**Object identifier** Engine number	+Motornummer3
C208	O		**Identity number range**	
7402	M	an..35	**Object identifier** Engine number	+Motornummer4
C208	O		**Identity number range**	
7402	M	an..35	**Object identifier** Engine number	+Motornummer5'

Comment: All GIN Segments in one SG17 shall not exceed 100 occurrences.

Example: GIN+EE+Motornummer1+Motornummer2+Motornummer3+Motornummer4+Motornummer5'

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20	Status R MaxOcc 1	**Delivery note reference**
RFF	No 92 Status M MaxOcc 1	**Delivery note number and delivery note line item**

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **AAU Despatch note document identifier**	+AAU
1154	R	n..8	**Delivery note number** Delivery note number: ID number the supplier assigns to a delivery note; must not be used twice within the period of one year. Ideally, there is a 1:1 assignment between a shipment number and a delivery note number! If this is not ensured in the source system, the ship from must ensure that the content of one transport loading unit refers to a maximum of one delivery note number, to assure the processing in the target systems.	:12345678
1156	D	n..3	**Line number in the delivery note** Required except for JIS (BGM 1000 = JIS-IST or PROD-NR).	:1'

Comment:

Example: `RFF+AAU:12345678:1'`

SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20	Status R MaxOcc 1	**Delivery note reference**
DTM	No 93 Status O MaxOcc 1	**Delivery note date**

	St	Format	Usage	Example
DTM				DTM
C507	M		**Date/time/period**	
2005	M	an..3	**Date or time or period function code qualifier** **171 Reference date/time**	+171
2380	R	n..12	**Date or time or period text** Delivery note date	:20131201
2379	O	an..3	**Date or time or period format code** **102 CCYYMMDD**	:102'

Comment:

Example: DTM+171:20131201:102'

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20 Status R, MaxOcc 1 — **Order reference**

Refernce to a related Order message / line

RFF No 94, Status M, MaxOcc 1 — **Purchase order number**

	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 the purchase order	:E123456789'

Comment: Order number from Call-off VDA 4984

Exemption: Direct Delivery Process (BGM 1000 = VAB-DDP)
Format an10
SAP order number from DELJIT/ CALDEL (SG 12 RFF 'ADF', C506 1154) in DE 7140
Example: E123456789

Example: `RFF+ON:E123456789'`

SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20	Status O MaxOcc 1	**Invoice number**
RFF	No 95 Status M MaxOcc 1	**Invoice document identifier**

	St	Format	Usage	Example
RFF				`RFF`
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **IV Invoice document identifier**	`+IV`
1154	R	an..35	**Reference identifier** Unique identifier of a document. Synonym: document number or reference number	`:Rechnungsnummer'`

Comment:

Example: `RFF+IV:Rechnungsnummer'`

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)

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20 Status D, MaxOcc 1 — **Order number of wholesaler (or of ultimate customer, if transmitted by wholesaler to central warehouse)**

References for after market and direct delivery process
All three qualifiers are mandatory for genuine parts special processes (BGM 1000 = VAB-DDP).

RFF No 96, Status M, MaxOcc 1 — **Order number of wholesaler (or of ultimate customer, if transmitted by wholesaler to central warehouse)**

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	R	an..3	**Reference code qualifier** **UC Ultimate customer's reference number** an..20	+UC
1154	R	an..70	**Reference identifier** Document Number Unique identifier of a document. Synonym: document number or reference number	:Belegnummer
1156	D	an..6	**Document line identifier** The order line of the Direct Delivery call-off has always to be transmitted with processs indicator "VAB-DDP".	:01'

Comment:

Example: `RFF+UC:Belegnummer:01'`

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20 Status D, MaxOcc 1 — **Order number, as assigned by central warehouse to wholesaler order**

References for after market and direct delivery process
All three qualifiers are mandatory for genuine parts special processes (BGM 1000 = VAB-DDP).

RFF No 97, Status M, MaxOcc 1 — **Order number, as assigned by central warehouse to wholesaler order**

	St	Format	Usage	Example
RFF				**RFF**
C506	M		**Reference**	
1153	R	an..3	**Reference code qualifier** **AAA Order acknowledgement document identifier** an..20	**+AAA**
1154	R	an..70	**Reference identifier** Document Number Unique identifier of a document. Synonym: document number or reference number	**:Belegnummer**
1156	O	an..6	**Document line identifier** Line number	**:1'**

Comment:

Example: `RFF+AAA:Belegnummer: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)

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20 Status D, MaxOcc 1 — **Individual order number of central warehouse of supplier**

References for after market and direct delivery process
All three qualifiers are mandatory for genuine parts special processes (BGM 1000 = VAB-DDP).

RFF No 98, Status M, MaxOcc 1 — **Individual order number of central warehouse of supplier**

	St	Format	Usage	Example
RFF				`RFF`
C506	M		**Reference**	
1153	R	an..3	**Reference code qualifier** **COF Call off order number** in DELJIT/CALDEL RFF+ON	`+COF`
1154	R	an..70	**Reference identifier** Document Number Unique identifier of a document. Synonym: document number or reference number	`:Belegnummer`
1156	R	an..6	**Document line identifier** Line number OT Direct Delivey Process SAP order item number from DELJIT/CALDEL (SG 12 RFF, C506 1154) (an5), which has to be noted on the Shipment Bill.	`:1'`

Comment:

Example: `RFF+COF:Belegnummer:1'`

SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20	Status D MaxOcc 1	**Supplier of this line item**
RFF	No 99 Status M MaxOcc 1	**Supplier's DUNS-number**

	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: Required specification in the EDL process (BGM 1000 = EDL), in which the service provider arranges goods from several suppliers into one shipment and notifies them with one DESADV.

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

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20	Status D MaxOcc 1	**Supplier of this line item**
NAD	No 100 Status R MaxOcc 1	**Seller's name and address**

	St	Format	Usage	Example
NAD				`NAD`
3035	R	an..3	**Party function code qualifier** **SE Seller**	`+SE`
C082	R		**Party identification details**	
3039	M	an..10	**Party identifier** Local supplier number as transmitted in the call-off. Unique identifier of business partner (customer number, supplier number, DUNS number, etc.).	`+Identifier`
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	`+Name1`
3036	O	an..70	**Party name** see 3036 # 1	`:Name2`
C059	O		**Street**	
3042	M	an..256	**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..256	**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+SE+Identifier::92++Name1:Name2+Street1:Street2+City++12345+DE'`

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)

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG20 Status D, MaxOcc 1 — **Delivery instruction / schedule reference and item related contact information**

Status "R" in context with process flag "STEEL-AU"

RFF No 101, Status M, MaxOcc 1 — **Delivery instruction / schedule reference**

	St	Format	Usage	Example
RFF				RFF
C506	M		**Reference**	
1153	M	an..3	**Reference code qualifier** **225 Re-order of damaged parts (JIS)** **AAN Delivery schedule number** **AXA Instruction to despatch reference number** AAN: Reference to delivery schedule (e.g. VDA 4984 - DELFOR) AXA: Reference to JIT- or JIS-delivery instruction (VDA 4985/4986 -DELJIT) 225: If in a JIS-reorder delivery (ordered with DELJIT, BGM.DE1001=225) the reference to said DELJIT is necessary, then this RFF with qualifier 225 can be used.	+AXA
1154	D	an..15	**Reference identifier** Warehouse call-off number	:3074937497379 41
1156	O	an..6	**Document line identifier** Line number	:1'

Comment: Delivery instruction and delivery schedule are synonyms.

Example: RFF+AXA:307493749737941:1'

SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG21	Status O MaxOcc 1	**Dangerous goods information**
DGS	No 102 Status M MaxOcc 1	**Dangerous goods**

	St	Format	Usage	Example
DGS				DGS
8273	O	an..3	**Dangerous goods regulations code**	+ADR
C205	N			
8351	M	an..7	**Hazard identification code**	+
C234	R		**UNDG information**	
7124	R	n4	**United Nations Dangerous Goods (UNDG) identifier** 4-digit UNDG code	+1263'

Comment:

Example: DGS+ADR++1263'

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG21	Status O MaxOcc 1	**Dangerous goods information**
FTX	No 103 Status O MaxOcc 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..256	**Free text** Free text - hazardous goods description	**+Text**
4440	O	an..256	**Free text** Free text - hazardous goods description	**:Text**
4440	O	an..256	**Free text** Free text - hazardous goods description	**:Text**
4440	O	an..256	**Free text** Free text - hazardous goods description	**:Text**
4440	O	an..256	**Free text** Free text - hazardous goods description	**:Text**
3453	O	an..3	**Language name code**	**+de'**

Comment:

Example: `FTX+AAD+++Text:Text:Text:Text:Text+de'`

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG21	Status O MaxOcc 1	**Dangerous goods information**
FTX	No 104 Status O MaxOcc 1	**Dangerous goods declaration exception**

	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..256	**Free text** Free text - hazardous goods - exemption declaration	`+Text`
4440	O	an..256	**Free text** Free text - hazardous goods - exemption declaration	`:Text`
4440	O	an..256	**Free text** Free text - hazardous goods - exemption declaration	`:Text`
4440	O	an..256	**Free text** Free text - hazardous goods - exemption declaration	`:Text`
4440	O	an..256	**Free text** Free text - hazardous goods - exemption declaration	`:Text`
3453	O	an..3	**Language name code**	`+de'`

Comment:

Example: `FTX+HAZ+++Text:Text:Text:Text:Text+de'`

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SG11	Status R MaxOcc 9999	**Despatch control line / group of inner packaging items and article line**
SG19	Status R MaxOcc 9999	**Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG22	Status R MaxOcc 1	**Internal place of destination**
LOC	No 105 Status M MaxOcc 1	**Internal Place of Destination**

	St	Format	Usage	Example
LOC				LOC
3227	M	an..3	**Location function code qualifier** **7 Place of delivery**	+7
C517	R		**Location identification**	
3225	R	an..5	**Location identifier** City / place / location ID The value is transmitted in the delivery call-off VDA 4984 in LOC+11, unloading point, and is to be re-transferred to VDA 4987 at this point.	+1AB07
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+1AB07::92'`

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

SG19 Status R, MaxOcc 9999 — **Article identification and despatch quantity**

Because the inner packagings are always of one type, the LIN group may occur only once. An exception to this is the JIS processes PROD-NR and JIS-IST in which the inner packagings can include several item numbers.

SG22 Status O, MaxOcc 1 — **Point of use**

The Point of Use has to be transmitted if it was sent in the Call-off.
Internal location of the goods recipient, where the goods are taken after being unloaded from the means of transport, e.g. a conveyor belt, a warehouse or similar.

LOC No 106, Status M, MaxOcc 1 — **Internal place of use**

	St	Format	Usage	Example
LOC				`LOC`
3227	M	an..3	**Location function code qualifier** **159 Additional internal destination**	`+159`
C517	R		**Location identification**	
3225	R	an..14	**Location identifier** Identifier of location, site, etc.	`+10174`
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: The following combinations are possible:
Unloading location (LOC+11) and internal destination (LOC+159)
Unloading location (LOC+11) and warehouse (LOC+7)
For JIS processes, the point of use must be the same for all LIN groups to a JIS package (3J).

Example: `LOC+159+10174::92'`

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UNT

No 107
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	+174
0062	M	an..14	**Message reference number** Message reference number	+12345'

Comment:

Example: UNT+174+12345'

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UNZ

No 108
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'

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