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**Short Guide – How do the standards 4987 Despatch
Advice/4939 Shipping document/4994 GTL interconnect?**

Center for Digital Collaboration

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Basis Know How – Before you start!

Important to understand for correct implementation!

Important definitions of terms according to VDA and deviations at Volkswagen!

(Visualisation on the next page)

Shipment

- Shipment refers to the totality of material which are to be transported / shipped at a certain point in time from the ship from party of the goods (e.g. supplier's plant) to a certain (VDA) point of discharge of the ship to party of goods (e.g. customer's plant) on **one means of transport** (s.a. truck, coach...). Normally, each shipment is identified by a unique reference number, the shipment number (formerly shipment load reference number).
- *Conclusion: The supplier should create one VDA 4987 Despatch advice and one VDA 4939 shipment document per shipment.*

Important

Point of discharge

- The point of discharge according to the VDA definition represents the physical location at the ship to premises where the means of transport (truck, wagon, etc.) is unloaded and thus the transport process is terminated. For historical reasons, Volkswagen has so far deviated from this industry solution and used the term "delivery point" in its communication. In the VDA 4933 and VDA 4987 formats, this is header information that applies to the entire shipment.
- *Conclusion: The VW delivery point corresponds to the VDA "point of discharge"! One shipment is bundled to one point of discharge!*

Important

Internal place of destination

- The internal place of destination according to the VDA definition represents the internal location at the ship to where the goods are stored. For historical reasons, Volkswagen has so far deviated from this industry solution and used the term place of discharge in communication. In the VDA 4933 and VDA 4987 formats, this is item information that is assigned to the material. A shipment can therefore contain several internal places of destination.
- *Conclusion: The "VW place of discharge" corresponds to the VDA "place of internal destination" in the VDA standard! One shipment can contain one or more places of internal destination as it is related to the article!!*

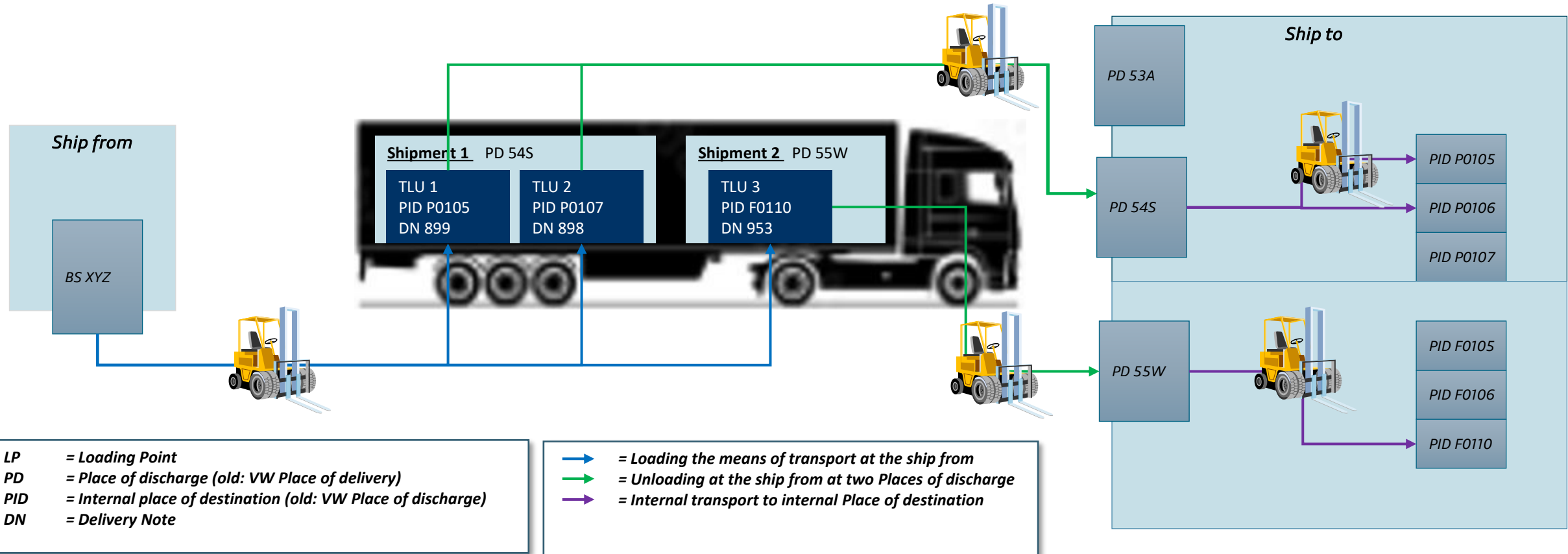
Important

Delivery Note

- The delivery note is the classic goods accompanying document. There is no form requirement for the delivery note. Depending on the contractual agreement or the structure of the supplier's ERP system, a delivery note can be created per Material, package or per entire shipment and must be transmitted on item level.
- *Conclusion: A shipment can contain one or more delivery notes*

Important

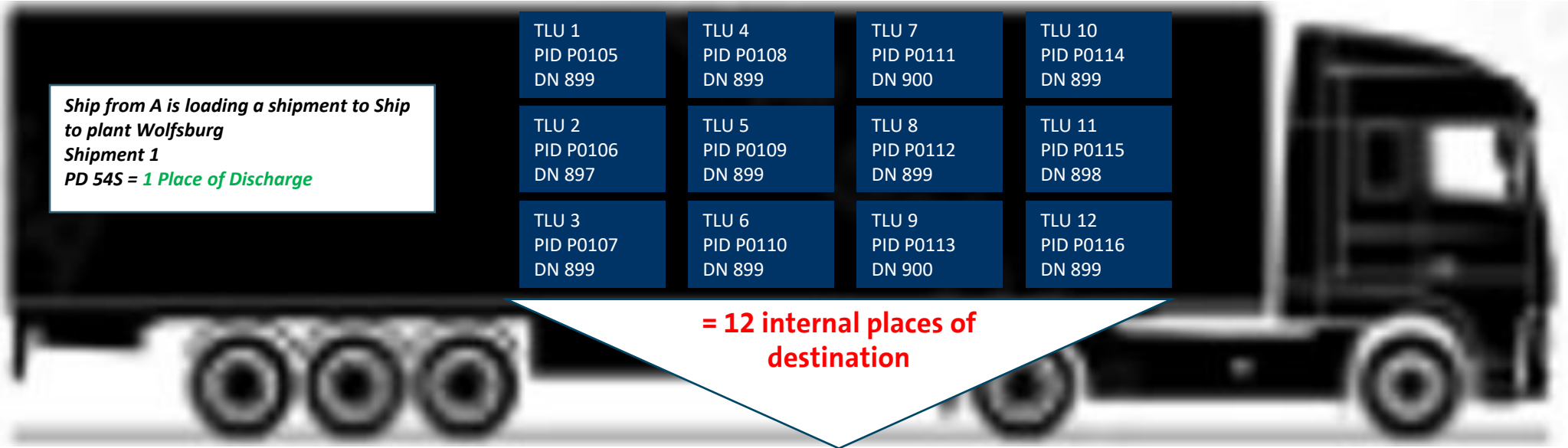
The use case according to automotive standard Place of Discharge and internal Place of Destination



Volkswagen name and value		Meaning inside the process	VDA name and value
VW Place of destination: 54S	=	Physical place of unloading of means of transport	= VDA Place of discharge 54S
VW Place of discharge: P0105	=	Internal place of destination e. g. storage location	= VDA Internal place of destination P0105

Why is this important!

Impact on the transport process



	Consolidation of shipment based on point of discharge	Consolidation of shipment based on internal place of destination
Amount of VDA4987 Despatch Advices	1 Despatch Advice	12x Despatch Advices
Amount of VDA4939 Shipping Documents	1 Shipping document	12x Shipping document
Process steps validation of document with one x-dock: <ol style="list-style-type: none"> Despatch at ship from Pick up by forwarder at ship from Delivery at x-dock by forwarder Goods Receipt at x-dock Goods issue at x-dock Pick up by forwarder at x-dock Delivery at ship to by forwarder Goods receipt at ship to 	8 Process Steps <ol style="list-style-type: none"> Despatch confirmed Pick up confirmed Delivery at x-dock confirmed Goods Receipt at x-dock Goods issue at x-dock Pick up by forwarder at x-dock Delivery at ship to by forwarder Goods receipt at ship to 	96 Process Steps <ol style="list-style-type: none"> Despatch confirmed Pick up confirmed Delivery at x-dock confirmed Goods Receipt at x-dock Goods issue at x-dock Pick up by forwarder Delivery at ship to by forwarder Goods receipt at ship to

TLU

= Transport Loading Unit

PD

= Place of discharge (old: VW Place of destination)

PID

= Internal place of destination (old: VW Place of discharge)

DN

= Delivery Note



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How do the standards 4987 Despatch Advice/4939 Shipping document/4994 GTL interconnect?

Description based on a generic example!

VDA Formats that must be generated by the ship from for shipping!

1. VDA 4987 Delivery Note

- ...is generated by the supplier at the time of loading.
- ...is used to transfer the detailed data for a shipment in order to automate the subsequent processes at the goods recipient through digital processing.
- This EDI format supports both the old and the new system world at Volkswagen
- The electronic delivery note per shipment is the data source for:
 - VDA 4939 Shipment document
 - VDA 4994 Global Transport Label
- Since the formats are often created in different systems, they may differ from each other.

[illegible]

1:1

2. VDA 4939 Shipment document

➔ SB

- The shipment document accompanies the goods during the entire transport.

Seller Name Seller City Lieferantennummer: 0002222001		Sendungsbeleg Sendungenbez. 180208 Billd 1 von 4 - 2023-03-01 VDA 4339 V3		Buyer Name Buyer City Bestellnummer: 001111101	
Sender Ship Type Name 1 Name1 Address1 City1 ZIP1 12333 Ship from City DE		Empfänger Ship To Name 1 Ship To Street1 Ship To City1 Ship To ZIP1		Verpackungsinhalt Forwarder Name 1 Forwarder Street1 Forwarder City1 Forwarder ZIP1	
ID Nummer: 0003333301 0003333302 0003333303 Rechnende Identifikationsnummer		ID Empfänger: 11 0003333301 0003333302 Rechnende		ID Verpackungsinhalt: 0005555501 0005555502 0005555503	
Sender 12333 Ship 1 12333 Ship 2 12333 Ship 3 12333 Ship 4 ABFID Lieferanten- und Sendungs-		Minus-Raster-Wiederholung 101816 12333 Ship 1 12333 Ship 2 12333 Ship 3 12333 Ship 4 Transportmodus		Transportnummer 12333 Ship 1 12333 Ship 2 12333 Ship 3 12333 Ship 4 Transportnummer	
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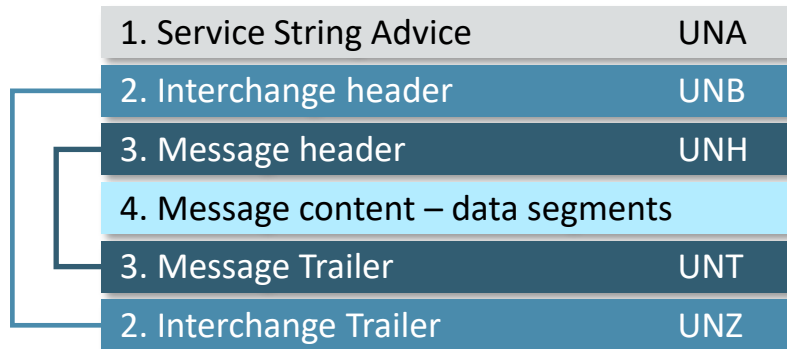
1:n

3. VDA 4994 Global Transport Label → GTL

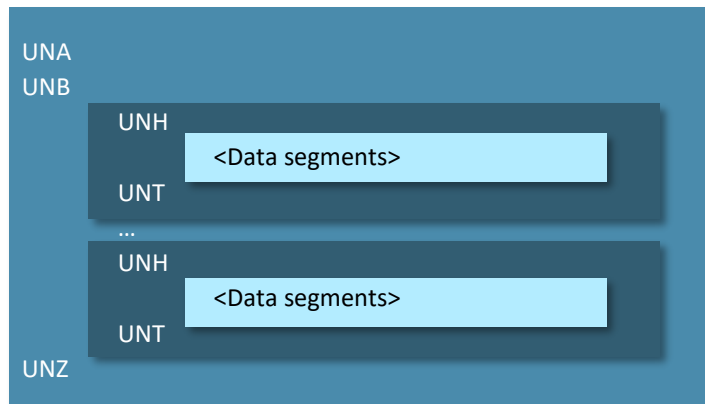
- The Global Transport Label is attached by the ship from to the transport loading unit and the parts-carrying containers.
- Ideally it is not only used during transport but also for handling and ship to/storage processes (document insertion principle).

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Basic structure



Transmission file with multiple messages
















Things to know about the structure of the EDI message

1. The segment **UNA** plays a special role, because it defines the segment and element separator as well as the decimal separator for all following data.
2. **Envelope around a transmission file** that envelopes one or more messages similar to an envelope of a letter. This envelope consists of the segments **UNB** and **UNZ**.
3. **Envelope around a message** that envelopes one message to an envelope of a letter. This envelope consists of the segments **UNH** and **UNT**.
4. A message itself consists of *segments, data element groups and data elements*.

VDA 4987 Delivery note – Use Data

Change Notes

- During the course of the year Volkswagen will publish an updated version of VDA 4987 and launch a campaign with suppliers for the changeover.
- The changes between old and new version are marked in this document as follows.
-  old old version after Directory 07A
-  new new version after Directory 20B

	Segment and Qualifier	Example in message	Meaning/content		
	Service string advice				
	UNA	UNA:+.? '	Service string advice		
	Transmission file head information (envelope transmission file)				
	UNB+UNOC	UNB+UNOC:  +0001300622OXYZ01+O0013000001VW KOH+220301:1340+16393'	Interchange header	Superior data of the	
	UNB+UNOC	UNB+UNOC:  +0001300622OXYZ01+O0013000001VW KOH:  20220301:1340+16393'	Interchange header		
	Message header (envelope message)				
	UNH+1+DESADV	UNH+1+DESADV:D:  07A:UN:GAVF  13'	Message header		
	UNH+1+DESADV	UNH+1+DESADV:D:  20B:UN:GAVF  30'	Message header		

Superior information about message format and transmission

VDA 4987 Delivery Note – Use data and message content

Segment and Qualifier	Example in message	Meaning/content	
Message content			
BGM	BGM+351::LAB-ED+189298+9'	Beginning of message	
DTM+137	DTM+137:202203011340:203'	Despatch advice date	Date
DTM+11	DTM+11:20220301:102'	Despatch date	
DTM+132	DTM+132:202203020000:203'	Estimated arrival date	
MEA+AAX+AAD	MEA+AAX+AAD+KGM:138'	Shipment's gross weight	Weight
MEA+AAX+AAL	MEA+AAX+AAL+KGM:41'	Shipment's net weight	
MEA+AAE	MEA+AAE++C62:6'	Number of loading units of the shipment	
SG 1 Shipment number			
RFF+CRN	RFF+CRN:189298'	Shipment number, assigned by supplier (old: SLB)	References
SG 1 Transport chain reference			
RFF+AKI	RFF+AKI:5555555500986754'	Transport chain reference of the pick-up carrier	
SG 1 Transport order reference			
RFF+TIN	RFF+TIN:00333754'	Transport order number (from 4933T1)	

Process indicator

- The process indicator is used to control the message check for completeness.

Date information

- As here in the example, the information can be specified in different formats:
- Code 102 = CCYYMMDD → 1st of march 2022
- Code 203 = CCYYMMDDHHMM → 1st of march 2022, 00:00 h

Weight data

- The weight data given at this level apply to the entire shipment, here:
- Gross weight 138 kg, → Net weight 21 kg, → 14 Loading units

References

- The shipment number is assigned by the supplier and is uniquely assigned in conjunction with the DUNS no. of the NAD+SF.
- The reference "transport chain reference" is assigned by the pickup forwarder and is to serve as tracking number, up to the goods recipient. The consistency cannot be guaranteed at this time.
- If a supplier uses Discovery or directly via EDI VDA 4933 T1, he should transfer the number from the transfer order here (VDA4933T1 BGM 1004).

VDA 4987 Delivery Note – ID and address data

	Segment and Qualifier	Example in message	Meaning/content	Address data of the partners involved
SG 2 Seller (Supplier)				
NAD+SE	NAD+SE+0022222201::92++Seller Name1:Name2+Seller Street1:Street2+Seller City++33333+DE'	ID, name, address		
SG 3 Additional Party ID (DUNS)				
RFF+ANK	RFF+ANK:222222222'	DUNS number		
SG 2 Ship from				
NAD+SF	NAD+SF+0033333301::92++Ship from Name1:Name2+Ship from Street1:Street2+Ship from City++33333+DE'	ID, name, address		
SG 3 Additional Party ID (DUNS)				
RFF+ANK	RFF+ANK:333333334'	DUNS number		
SG 2 Buyer				
NAD+BY	NAD+BY+0011111101::92++Buyer Name1:Name2+Buyer Street1:Street2+Buyer City++33333+DE'	ID, name, address		
SG 2 Ship To				
NAD+ST	NAD+ST+11::92++Ship to Name1:Name2+Ship to Street1:Street2+Ship to City++44444+DE'	ID, name, address		
→ old	LOC+7	LOC+7+AKL'	Place of destination (VW Wording)	
→ new	LOC+11	LOC+11+AKL'	Place of discharge	
SG 2 Freight forwarder				
NAD+FW	NAD+FW+0055555500::92++Forwarder Name1:Name2+Forwarder Street1:Street2+Forwarder City++33333+DE'	Freight forwarder		
SG 3 Additional Party ID (DUNS)				
RFF+ANK	RFF+ANK:555555557'	DUNS number		

Partners involved

- **Seller**
 - ...is responsible for the commercial processing of the goods
 - Supplier number LDB, address and DUNS No.
- **Ship from**
 - ...is responsible for the physical shipment of the goods
 - Supplier number LDB, address and DUNS No.
- **Buyer**
 - ...is responsible for the commercial processing of the goods
 - Supplier number LDB, address without DUNS No.
- **Ship to**
 - ...is responsible for the physical receipt of the goods
 - Plant, address without DUNS No.
 - It's additionally the physical unloading point (old: delivery point -> VDA unloading point)
- **Freight forwarder**
 - ...is responsible for the transport commercially and physically
 - ...can assign any freight guide

VDA 4987 Delivery Note – Other information about the shipment

	Segment and Qualifier	Example in message	Meaning/content	Other information
	SG 5 Terms of delivery			
	TOD	TOD+6++FCA'	Terms of delivery or transport	
	SG 6 Means of transport			
	TDT+12	TDT+12++30++++WOB-X9999'	Transport information (departure)	
➡ new	TMD+X01	TMD+X01'	Transport Movement Type	

Delivery Terms

Delivery Terms

- The standardized INCOTERM are used to specify the delivery conditions. In the example FCA → Free freight guide. In this delivery condition, the goods shipper must specify the pickup forwarder.
- For area forwarders he will find this information as an attachment to the General Shipping Instructions.
- For direct relation the contract holder (usually the plant) must hand over the correct information for the VDA 4987 when it is corrected.

Means of transport

- Transport information at departure:**
The goods shipper must indicate the registration number of the means of transport that will take over the goods from him.
- New: The Transport Movement Type:** ...with the introduction of the new version of VDA4987 the ship from must also specify the transport concept by which the goods will be shipped.
 - X01 → Direct award/Full truck load with separate commissioning
 - X05 → Network Group (area forwarding or via KCC)

VDA 4987 Delivery Note – Grouping level loading units and intermediate level

Multilevel packaging

Segment and Qualifier	Example in message	Meaning/content	
SG 10 → new SG11 Despatch control line/ List of handling unit groups (Multilevel packaging structure)			
CPS	CPS+1++3'	3 means outer handling units/ Intermediate packaging level	Group of similar loading units – Outer packaging
SG 11 → new SG12 Handling unit group details – Main packaging			
PAC	PAC+1+:35:AAC+VWPAL::92+X:BSV0020000 1:SA'	Quantity, type and ownership identifier	
QTY+189	QTY+189:15:PCE'	Number of included inner packaging materials	
QTY+171	QTY+171:3:PCE'	Max. stackability	
SG 13 → new SG14 List of individual handling units			
PCI	PCI+17+++6J::5'	Label type of the loading unit	
SG 15 → new SG 16 Label/ packaging item ID of the packaging items included in the loading unit			
GIN+ML	GIN+ML+080273962:6JUN2222222208027 3962'	Label ID of the loading unit	
SG 15 → new SG 16 Label/ packaging item ID of the packaging items included in the loading unit			
GIN+AW	GIN+AW+080273963+080273964+0802739 65+080273966+080273967'	Packaging item ID of the packaging items included in the loading unit	
SG 15 → new SG 16 Label/ packaging item ID of the packaging items included in the loading unit			
GIN+AW	GIN+AW+080273968+080273969+0802739 70+080273971+080273972'	Packaging item ID of the packaging items included in the loading unit	
SG 15 → new SG 16 Label/ packaging item ID of the packaging items included in the loading unit			
GIN+AW	GIN+AW+080273973+080273974+0802739 75+080273976+080273977'	Packaging item ID of the packaging items included in the loading unit	
SG 11 → new SG 12 Packaging aid			Intermediate level
PAC	PAC+1+:37:AAC+001210+X:BSV00800001:S A'	Packaging aid	

Outer packing of multilevel packaging

- The value 3 indicates that the packaging is "outer".
- Details of the main packing material of the plane:**
→ 15 VWPAL with a stacking factor of 3 (i.e. 3 layers of KLTs) and 15 inner packaging per loading unit
- List of individual loading units:
 - 6J indicates that the loading units are marked with a master label
 - GIN-ML indicates here the unique identification of the loading unit
Education rule:
6J → UN → DUNS No. of NAD-SE → Package ID
 - GIN-AW indicates the package ID of the packages contained in the loading unit.

15 transport loading units with each:
1 x Palette VWPAL, 15 x KLT 006280, 1 x cover 001210 (Packaging aid)



VDA 4987 Delivery Note – Grouping level product information and inner packaging

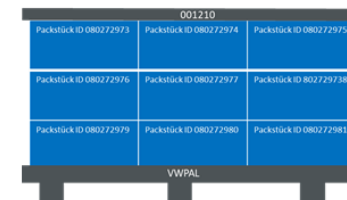
Multilevel packaging

Segment and Qualifier	Example in message	Meaning/content	Group of similar loading units – Inner packaging
SG 10 ➔ new SG 11 Despatch control line/ group of inner packaging items and article line			
CPS	CPS+2++1'	Despatch control line/ group of inner packaging items and article line	
SG 11 ➔ new SG 12 Packaging material group inner packaging material			
PAC	PAC+15+:35:AAC+006280::92+X:BSV00400008:SA'	Quantity, type and ownership identifier	
QTY+52	QTY+52:16:PCE'	Quantity per packaging unit	
QTY+171	QTY+171:3:PCE'	Max. stackability	
SG 13 ➔ new SG 14 List of the individual packaging items			
PCI	PCI+17+++1J::5'	Packaging identification	
SG 15 ➔ new SG 16 Label ID of the packaging (packaging item number)			
GIN-ML	GIN+ML+080273963:1JUN22222222080273963+080273964:1JUN22222222080273964+080273965:1JUN22222222080273965+080273966:1JUN22222222080273966+080273967:1JUN22222222080273967'	Label ID of the packaging (packaging item number)	
SG 15 ➔ new SG 16 Label ID of the packaging (packaging item number)			
GIN-ML	GIN+ML+080273968:1JUN22222222080273968+080273969:1JUN22222222080273969+080273970:1JUN22222222080273970+080273971:1JUN22222222080273971+080273972:1JUN22222222080273972'	Label ID of the packaging (packaging item number)	
SG 15 ➔ new SG 16 Label ID of the packaging (packaging item number)			
GIN-ML	GIN+ML+080273973:1JUN22222222080273973+080273974:1JUN22222222080273974+080273975:1JUN22222222080273975+080273976:1JUN22222222080273976+080273977:1JUN22222222080273977'	Label ID of the packaging (packaging item number)	

Packaging hierarchy

- **Level:** The value 1 indicates that it is an inner packaging of a multi-level packaging.
- **Information on parts-carrying containers:**
→ 15 KLT 006280 with a stacking factor of 3 and 16 parts per KLT.
- **Label ID of the KLTs:**
 - 1J indicates that the inner packaging are marked with a single label
 - GIN-ML indicates the unique identification of the KLT
 - Educational rule:
1J → UN → DUNS No. of NAD-SE → Package ID
- The message standard prescribes that only 5 values may be specified per GIN segment. Since we have 15 KLTs on the pallet in the example, there are 3 GIN+ML blocks in the message.

15 Transportladeeinheiten mit je:
1 x Palette VWPAL, 15 x KLT 006280, 1 x Deckel 001210 (Hilfspackmittel)



VDA 4987 Delivery Note – Product identification and delivery quantities

Multilevel packaging

Segment and Qualifier	Example in message		Meaning/content
SG 17 → new SG 19 Article identification and despatch quantity			
LIN	LIN+++ 04E 129 651 C:IN'	Article number of the customer	
PIA	PIA+1+FEX00100832:SA'IMD+++11::272'	Additional product information	
IMD	IMD+++11::272'	Product/ service description	
QTY+12	QTY+12:240:PCE'	Despatched quantity	
QTY+11	QTY+11:240:PCE'	Part of the whole quantity of one handling unit	
ALI	ALI+DE'	Country of origin, customs regime	
SG 18 → new SG 20 Delivery note reference			
RFF+AAU	RFF+AAU:474204:1'	Delivery note number and delivery note line item	
DTM+171	DTM+171:202203011340:203'	Delivery note date	
SG 18 → new SG 20 Order reference / Framework contract number			
RFF+ON	RFF+ON:000001'	Purchase order number	
SG 20 → new SG 22 Internal place of destination			
→ old	LOC+11	LOC+11+101K4	Place of discharge (VW Wording)
→ new	LOC+7	LOC+7+101K4	Internal place of destination

Group of similar loading units – Product information and despatch quantity

Content of the parts-carrying container

In this example the goods shipper communicates:

- It is VW part number 04E 129 651 C
- He additionally specifies his internal part number
- The value in segment QTY+12 indicates how many pieces of material are included in this shipment, i.e. 240 pieces.
- The value in segment QTY+11 indicates how many pieces of the material are contained in the transport load unit. The number is identical here because the entire quantity of this part number is contained in this package, i.e. 240 pieces.
- Since a shipment can have a 1:n connection to a delivery bill, the delivery bill reference RFF+AAU is included in the inner package.
- Also the storage location (old: VW unloading point) is transferred on this level.
- Other information to support the processes that can be transferred at this level are:
 - Batch information
 - Hardware/Software stands
 - Expiration date
 - etc.

VDA 4987 Delivery Note – Simplified loading unit

Single-level packaging

Segment and Qualifier	Example in message	Meaning/content	
SG 10 → new SG 11 Despatch control line/ group of inner packaging items and article line (Simplified loading unit > Outer packaging is also a parts-carrying container)			
CPS	CPS+3++4'	Despatch control line/ group of inner packaging items and article line	Group of similar loading units – Product information and despatch quantity
SG 11 → new SG 12 Packaging material group inner packaging material			
PAC	PAC+5+:35:AAC+519134::92+X:08-066009:SA'	Quantity, type and ownership identifier	
QTY+52	QTY+52:18:PCE'	Quantity per packaging unit	
SG 13 → new SG 14 List of the individual packaging items			
PCI	PCI+17+++1J::5'	Packaging identification	Group of similar loading units – Product information and despatch quantity
SG 15 → new SG 16 Label ID of the packaging (packaging item number)			
GIN+ML	GIN+ML+807814885:1JUN323020610807814885+807814886:1JUN323020610807814886+807814887:1JUN323020610807814887+807814888:1JUN323020610807814888+807814889:1JUN323020610807814889'	Label ID of the packaging (packaging item number)	
SG 17 → new SG 19 Article identification and despatch quantity			
LIN	LIN+++ 5H6 827 933 F A7C:IN'	Article number of the customer	
PIA	PIA+1+473800004:SA'	Additional product information	Group of similar loading units – Product information and despatch quantity
IMD	IMD+++11::272:HECKSPOILER BASIS, MONDSTEINGRAU'	Product/ service description	
QTY+12	QTY+12:90:PCE'	Despatched quantity	
ALI	ALI+DE'	Country of origin, customs regime	
SG 18 → new SG 20 Delivery note reference			
RFF+AAU	RFF+AAU:8466117:1'	Delivery note number and delivery note line item	Group of similar loading units – Product information and despatch quantity
SG 18 → new SG 20 Order reference / Framework contract number			
RFF+ON	RFF+ON:000001'	Purchase order number	
SG 20 → new SG 22 Place of discharge			
→ old	LOC+11	LOC+11+101P3	Place of discharge (VW Wording)
→ new	LOC+7	LOC+7+101P3	Internal place of destination

→ Outer packaging = inner packaging = parts-carrying container

Grouping level 4 indicates that it is a simplified loading unit.

So there are no intermediate levels in the packaging structure.



VDA 4987 Delivery Note – end of message – end of the transfer file

Message closing			
UNT	UNT+102+1'	Message trailer	
File closing			
UNZ	UNZ+1+16393'	Interchange trailer	

➔ **Outer packaging = inner packaging = parts-carrying container**

Grouping level 4 indicates that it is a simplified loading unit.

VDA 4939 Shipment Document

Part 1 Item sheet shipment document

Lieferant Seller Name1 Seller City Lieferantennummer: 0022222201		Sendungsbeleg Sendungsnr. 189298 Blatt 1 von 3 - 2022-03-01 VDA 4939 V3		Kunde Buyer Name1 Buyer City Kundennummer: 0011111101				
Versender Ship from Name1 Name2 Ship from Street1 Street2 33333 Ship from City DE ID Versender: 0033333301 DUNS-Nr.: 333333334 Beladestelle Umsatzsteuernummer		Empfänger Ship to Name1 Ship to Street1 Street2 44444 Ship to City DE ID Empfänger: 11 DUNS-Nr.: 444444444 Abloadstelle		Versandpediteur Forwarder Name1 Forwarder Street1 Street2 33333 Forwarder City DE ID Versandpediteur: 0055555500 DUNS-Nr.: 555555557				
Versanddatum 2022-03-01		Mikro-/Routen-/Abholauftrag-/VAS-Nr.		Transportnummer				
Versandart Straßentransport		Anliefertermin 2022-03-02, 00:00		Incoterm FCA				
Prozesskennzeichen LAB-ED		Transportmittel-ID		Bordernr./Ladestellennummer				
Ladeeinheiten der Sendung								
Packmitteltyp	LE	Anzahl	Brutto (kg)	Netto (kg)	Tara (kg)	Stück	Lieferscheinnummer	Inhalt
VWPAL	X	1				3		Zulieferung Automobilindustrie
001210		1						
006280		15				3	474204	
519134	X	5					8466117	Zulieferung Automobilindustrie
Summen	-		138,00	41,00				
Summe Ladeeinheiten		14						
Kommentare								
Gefahrgut (SNLS: - Gefahrgutangaben)								
Die Ladung wurde gemäß den gesetzlichen Bestimmungen gesichert.								
Quittierungsinformationen								
Datum Versand:			Datum Übernahme:			Datum Übergabe:		
Lieferant:			Fahrer:			CC / Empfänger:		


TSM Generator 0.0.0.1 VOLKSWAGEN AG VDA4939

Part 2 Shipment bill

Lieferant Seller Name1 Seller City Lieferantennummer: 0022222201		Kunde Buyer Name1 Buyer City Kundennummer: 0011111101	
Sendungsbeleg Sendungsnr. 189298 Blatt 2 von 3 - 2022-03-01 VDA 4939 V3		Ladungsinhalt	
LS-Nummer Prozesskennzeichen	Packmitteltyp	Stückmenge ME	Stückmenge ME
474204	006 120 691 C	240 PC	10 PC
1	MASTER VWPAL		
1	001210		
15	006280		
8466117	016 027 933 F ATC	90 PC	18 PC
1	HECKSPÖLER BASIS, MONDSTENGRAU		
5	016 027 933 F ATC		
1	HECKSPÖLER BASIS, REFLEXSILBER		
2	016 027 933 F ATC		
1	HECKSPÖLER BASIS, REFLEXSILBER		
1	016 027 933 F ATC		
1	HECKSPÖLER BASIS, REFLEXSILBER		

TSM Generator 0.0.0.1 VOLKSWAGEN AG VDA4939

Part 3 2D code sheet

Lieferant Seller Name1 Seller City Lieferantennummer: 0022222201		Sendungsbeleg Sendungsnr. 189298 Blatt 3 von 3 - 2022-03-01 VDA 4939 V3		Kunde Buyer Name1 Buyer City Kundennummer: 0011111101	
					

TSM Generator 0.0.0.1 VOLKSWAGEN AG VDA4939

VDA 4939 Shipment Document Part 1 Item sheet shipment document

SG 1 Shipment number		
RFF+CRN	1 RFF+CRN: 189298	Shipment number, assigned by supplier (old: SLB)
SG 2 Seller (Supplier)		
NAD+SE	2 NAD+SE+0022222201::92++Seller Name1:Name2+Seller Street1:Street2+Seller City++33333+DE	ID, name, address
SG 3 Additional Party ID (DUNS)		
RFF+ANK	RFF+ANK: 22222222	DUNS number
SG 2 Ship from		
NAD+SF	3 NAD+SF+0033333301::92++Ship from Name1:Name2+Ship from Street1:Street2+Ship from City++33333+DE	ID, name, address
SG 3 Additional Party ID (DUNS)		
RFF+ANK	RFF+ANK: 333333334	DUNS number
SG 2 Buyer		
NAD+BY	4 NAD+BY+0011111101::92++Buyer Name1:Name2+Buyer Street1:Street2+Buyer City++33333+DE	ID, name, address
SG 2 Ship To		
NAD+ST	5 NAD+ST+11::92++Ship to Name1:Name2+Ship to Street1:Street2+Ship to City++44444+DE	ID, name, address
→ old	LOC+7	LOC+7+AKL' Place of destination (VW Wording)
→ new	LOC+11	LOC+11+AKL' Place of discharge
SG 2 Freight forwarder		
NAD+FW	6 NAD+FW+0055555500::92++Forwarder Name1:Name2+Forwarder Street1:Street2+Forwarder City++33333+DE	Freight forwarder
SG 3 Additional Party ID (DUNS)		
RFF+ANK	RFF+ANK: 555555557	DUNS number

Address data of the partners involved

Lieferant		Sendungsbereich		Kunde	
Seller Name1 Seller City Lieferantennummer: 0022222201		Sendungsbereich Sendungsnr. 189298 Blatt 1 von 3 - 2022-03-11 VDA 4939 V3		Buyer Name1 Buyer City Kundennummer: 0011111101	
Verpacker		Freightforwarder		Transportmittel	
Ship from Name1 Ship from Street1 Street2 33333 Ship from City DE ID Versender: 0033333301 DUNS-Nr: 333333334 Beladestelle Umsatzsteuernummer		Ship to Name1 Ship to Street1 Street2 44444 Ship to City DE ID Empfänger: 11 DUNS-Nr: 444444444 Abloadstelle AKL		Forwarder Name1 Forwarder Street1 Street2 33333 Forwarder City DE ID Versandspediteur: 0055555500 DUNS-Nr: 555555557	
Versanddatum 2022-03-01		Mikrun-/Routen-/Abholauftrag-/NAB-Nr.		Transportnummer	
Versandart Straßentransport		Anliefertermin 2022-03-02, 00:00		Incoterm FCA	
Prozesskennzeichen LAB-ED		Transportmittel-ID		Bordero-/Ladestellennummer	
Ladeeinheiten der Sendung					
Packmitteltyp	LE	Anzahl	Brutto (kg)	Netto (kg)	Tara (kg)
VWPAL	X	1			
001210		1			
006280		15			
519134	X	5			
Summe			138,00	41,00	
Summe Ladeeinheit		14			
*) Stapelhöhen: 1 = nicht stapelbar, 2 = 2-fach stapelbar, 3 = 3-fach stapelbar					
Kommentare					
Gefahrgut (SNLS: - Gefahrgutangaben)					
Die Ladung wurde gemäß den gesetzlichen Bestimmungen gesichert.					
Quittierungsinformationen					
Datum Versand	Datum Übernahme	Datum Übergabe			
Lieferant	Fahrer	CC / Empfänger			

VDA 4939 Shipment Document Part 1 Item sheet shipment document

1	Message content		
DTM+11	DTM+11:20220301:102'	Despatch date	
SG 6 Means of transport			
TDT+12	TDT+12++30++++WOB-X9999'	Transport information (departure)	
Message content			
BGM	BGM+351::LAB-ED+189298+9'	Beginning of message	
2	DTM+132	DTM+132:202203020000:203'	Estimated arrival date
SG 5 Terms of delivery			
3	TOD	TOD+6++FCA'	Terms of delivery or transport
4	SG 11 → new SG12 Handling unit group details – Main packaging		
PAC	PAC+1+35:AAC+VWPAL::92+X:BSV00200001:SA'	Quantity, type and ownership identifier	
QTY+189	QTY+189:15:PCE'	Number of included inner packaging materials	
QTY+171	QTY+171:3:PCE'	Max. stackability	
SG 11 → new SG 12 Packaging aid			
PAC	PAC+1+37:AAC+001210+X:BSV00800001:SA'	Packaging aid	
SG 18 → new SG 20 Delivery note reference			
RFF+AAU	RFF+AAU:474204:1'	Delivery note number and delivery note line item	
SG 11 → new SG 12 Packaging material group inner packaging material			
PAC	PAC+5+35:AAC+519134::92+X:08-066009:SA'	Quantity, type and ownership identifier	
SG 18 → new SG 20 Delivery note reference			
RFF+AAU	RFF+AAU:8466117:1'	Delivery note number and delivery note line item	

PRODUKTION

Lieferant Seller Name1 Seller City Lieferantennummer: 0022222201	Sendungsbeleg Sendungsnr. 189298 Blatt 1 von 3 - 2022-03-01 VDA 4939 V3	Kunde Buyer Name1 Buyer City Kundennummer: 0011111101						
Versender Ship from Name1 Name2 Ship from Street1 Street2 33333 Ship from City DE ID Versender: 0033333301 DUNS-Nr: 333333334 Beladestelle Umsatzsteuernummer	Empfänger Ship to Name1 Ship to Street1 Street2 44444 Ship to City DE ID Empfänger: 11 DUNS-Nr: 444444444 Abloadstelle AKL	Versandpediteur Forwarder Name1 Forwarder Street1 Street2 33333 Forwarder City DE ID Versandpediteur: 0055555500 DUNS-Nr: 555555557						
Versanddatum 2022-03-01 Versandart Straßentransport Prozesskennzeichen LAB-ED	1 Mikro-/Routen-/Abholauftrag-/NAB-Nr. 2 Wiederholungszeitpunkt 2022-03-02, 00:00 Transportmittel-ID	3 Transportnummer 4 Ladungstyp FCA Ladungsinhalt Ladungsinhalt						
Ladungsinhalt der Sendung								
Packungstyp	LE	Anzahl	Brutto (kg)	Netto (kg)	Tara (kg)	Stk *	Lieferantennummer	Inhalt
VWPAL	X	1				3		Zulieferung Automobilindustrie
001210		1						
006280		15				3	474204	
519134	X	5					8466117	Zulieferung Automobilindustrie
Summen		-	138,00	41,00				
Summe Ladungsinhalt		14						
Kommentare								
Gefahrgut (BUNLIS - Gefahrgutangaben)								
Die Ladung wurde gemäß den gesetzlichen Bestimmungen gesichert.								
Quittierungsinformationen			Datum Übernahme:			Datum Übergabe:		
Datum Versand:			Lieferant:			Fahrer:		
						CC / Empfänger:		
TSB Generator 9.0.0.1 VOLKSWAGEN AG VDA4939			5			Erstellt mit TSB Generator		

VDA 4939 Shipment Document 2 Shipment bill

1	Segment Qualifier	Example in message	Meaning/content
	RFF+AAU	RFF+AAU:474204:1'	Delivery note number and delivery note line item
	LIN	LIN+++ 04E 129 651 C:IN'	Article number of the customer
	QTY+12	QTY+12:240:PCE'	Despatched quantity
	RFF+ON	RFF+ON:000001'	Purchase order number
→ old	LOC+11	LOC+11+101K4	Place of discharge (VW Wording)
→ new	LOC+7	LOC+7+101K4	Internal place of destination
2	PAC	PAC+1+:37:AAC+001210+X:BSV00800001:SA'	Packaging aid
	PAC	PAC+1+:35:AAC+VWPAL::92+X:BSV00200001:SA'	Quantity, type and ownership identifier
	PAC	PAC+15+:35:AAC+006280::92+X:BSV00400008:SA'	Quantity, type and ownership identifier
	QTY+52	QTY+52:16:PCE'	Quantity per packaging unit
3	RFF+AAU	RFF+AAU:8466117:1'	Delivery note number and delivery note line item
	LIN	LIN+++ 5H6 827 933 F A7C:IN'	Article number of the customer
	QTY+12	QTY+12:90:PCE'	Despatched quantity
	RFF+ON	RFF+ON:000001'	Purchase order number
	→ old	LOC+11	LOC+11+101P3
	→ new	LOC+7	LOC+7+101P3
4	PAC	PAC+5+:35:AAC+519134::92+X:08-066009:SA'	Quantity, type and ownership identifier
	QTY+52	QTY+52:18:PCE'	Quantity per packaging unit

Lieferant Seller Name1 Seller City Lieferantennummer: 0022222201		Sendungsbeleg Sendungsnr. 189298 Blatt 2 von 3 - 2022-03-01 VDA 4939 V3		Kunde Buyer Name1 Buyer City Kundennummer: 0011111101	
LS-Nummer Position	Sachnummer Bezeichnung	Liefermenge ME	Ander.stand Verwendung	Bestellnummer	Lagerort Verbrauchsstelle
Anz.	Labeltyp	Packmitteltyp	Füllmenge ME		
1	474204	04E 129 651 C	240 PC	Serie	000001
1	MASTER	VWPAL			
1	001210				
15	SINGLE	006280	04E 129 651 C	16 PC	
3	8466117	5H6 827 933 F A7C HECKSPOILER BASIS, MONDSTEINGRAU	90 PC	Serie	000001
5	4	SINGLE	519134	5H6 827 933 F A7C	18 PC

VDA 4939 Shipment Document Part 3 2D code sheet

Example Code paper

<small>Lieferant</small> Seller Name1 <small>Seller City</small> <small>Lieferantennummer: 0022222201</small>	Sendungsbeleg Sendungsnr. 189298 <small>Blatt 3 von 3 - 2022-03-01</small> <small>VDA 4939 V3</small>	<small>Kunde</small> Buyer Name1 <small>Buyer City</small> <small>Kundennummer: 0011111101</small>
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Example Code

```
[)]><RS>06<GS>4F1/2/111764<GS>9K03<GS>2K189298<GS>V0033333301<GS>13V333333334<GS>8V11<GS>2LAKL<GS>8D20220301<GS>Q6<GS>6JUN333333334080273962<GS>1JUN3333333334807814885<GS>1JUN3333333334807814886<GS>1JUN3333333334807814887<GS>1JUN3333333334807814888<GS>1JUN3333333334807814889<RS><EOT>
```

Beschreibung Nutzdaten

	Use Data (meaning)	Reference VDA 4987	Data Identifier	Examples
	Version oft the recommendation		9K	9K03
	Shipment number, assigned by the supplier (old: SLB)	RFF+CRN	2K	2K189298'
	Supplier number of ship from	NAD+SF DE 3039	V	V0033333301
	DUNS number of ship from	RFF+ANK	13V	13V333333334
	Customer number of ship to	NAD+ST DE 3039	8V	8V11
→ old	Place of destination (VW Wording)	LOC+7	2L	2L AKL
→ new	Place of discharge	LOC+11	2L	2L AKL
	Despatch date	DTM+11	8D.011	8D20220301
	Estimated arrival date	DTM+132	8D.002	8D202203020000
	Number of loading units of the shipment	MEA+AAE	Q	Q6
	License Plate of loading unit	GIN+ML	1J/5J/6J	6JUN22222222080273962'
	License Plate of loading unit	GIN+ML		1JUN323020610807814885 1JUN323020610807814886 1JUN323020610807814887 1JUN323020610807814888 1JUN323020610807814889'

VDA 4994 Global Transport Label – permitted Types

SINGLE-Label	<p>Is applied to parts-carrying container. Replaces the master label for simplified load unit.</p>	 <p>The label shows supplier and customer information, a QR code, and a barcode. Key data includes: 011/ABLAD123/LAGER7, 12345678, ROUTE 66, LINE15, GFS-123-554-765, and UN 987654321 000123457.</p>
SMALL-Label	<p>Is applied to each "parts-carrying" container that is subordinate to a transport loading unit with a MASTER/MIXED label or without a superior master/mixed label (then simplified loading unit).</p>	 <p>The label is more detailed than the single label, including a 'PACKETTYCK-ID' and 'KUNDENDATEN' (customer data) section with five rows. It also features a QR code and a barcode.</p>
MASTER-Label	<p>Is attached to the transport loading unit (outer packaging) of a composite packaging with unmixed (same part number) part-carrying containers.</p>	 <p>The label includes a QR code and a barcode. Key data includes: 177767E4/133, 03L 130 216 A, and UN31266575100333538.</p>
MIXED-Label	<p>Is attached to the transport loading unit (outer packaging) of a composite packaging with non-sorted (different part number) part-carrying containers.</p>	 <p>The label features a QR code and a barcode. Key data includes: 011/ABLAD123/LAGER7, 12345678, UN 987654321 000123458, and a 'MIX' label type.</p>

VDA 4994 Global Transport Label – Block A1 Ship from

VERSENDER Ship from Name1 Name2 Ship from City DE-33333 ID: 0033333301 URSPRUNGSLAND DE		EMPFÄNGER Ship to Name1 Name2 Ship to Street1 DE 44444 Ship to City WERK / ABLADESTELLE / INTERNE DESTINATION 11/ÄKL/101P3		<div style="font-size: 48px; text-align: center;">S</div> 
LIEFERSCHENNUMMER 08466117 LIEFERANTENNUMMER 0022222201 SACHNUMMER		KUNDENSPEZIFISCHES ROUTING Route 66 HECKSPOILER BASIS, MONDSTEINGRAU 5H6 827 933 F A7C		
PACKSTÜCKID (1:) 1JUN333333334807814889 		ETA 2022-03-02/00:00 MENGE (PC) 18 BRUTTO KG 100 PACKMITTEL.TYP 519134 VERSANDDATUM S 2022-03-01 CHARGENUMMER TEILEGEB.-HARDWARE-SOFTWARE-STAND / /		

Source VDA 4987 Delivery Note

Segment Qualifier	Example in message	Meaning/content
NAD+SF	NAD+SF+0033333301::92++Ship from Name1:Name2+Ship from Street1:Street2+Ship from City++33333+DE	ID, name, address

VDA 4994 Global Transport Label – Block A2 Ship to

VERSENDER Ship from Name1 Name2 Ship from City DE-33333		EMPFÄNGER Ship to Name1 Name2 Ship to Street1 DE 44444 Ship to City WERK / ABLASSTELLE / INTERNE DESTINATION 11/ÄKL/101P3		S 
ID:	0033333301			
URSPRUNGSLAND	DE	KUNDENSPEZIFISCHES ROUTING		
LIEFERSCHEINNUMMER	08466117	Route 66		ETA 2022-03-02/00:00
LIEFERANTENNUMMER	0022222201			MENGE (PC) 18 BRUTTO KG 100
SACHNUMMER	HECKSPOILER BASIS, MONDSTEINGRAU			
5H6 827 933 F A7C				
PACKSTÜCK-ID (1:1)	1JUN333333334807814889		PACKMITTEL-TYP	VERSANDDATUM
		519134	S 2022-03-01	
		CHARGENNUMMER		
		TELEGRAMM-HARDWARE-SOFTWARE-STAND		
		/ /		

Source VDA 4987 Delivery Note

	Segment Qualifier	Example in message	Meaning/content
	NAD+ST	NAD+ST+11::92++Ship to Name1:Name2+Ship to Street1:Street2+Ship to City++44444+DE	ID, name, address
→ old	LOC+7	LOC+7+AKL'	Place of destination (VW Wording)
→ new	LOC+11	LOC+11+AKL'	Place of discharge
→ old	LOC+11	LOC+11+101P3	Place of discharge (VW Wording)
→ new	LOC+7	LOC+7+101P3	Internal place of destination

VDA 4994 Global Transport Label – Block A3 Label type and 2D barcode symbol

VERSENDER Ship from Name1 Name2 Ship from City DE-33333		EMPFÄNGER Ship to Name1 Name2 Ship to Street1 DE 44444 Ship to City WERK / ABLADESTELLE / INTERNE DESTINATION 11/AKL/101P3		<div style="border: 2px solid blue; padding: 5px; display: inline-block;"> S  </div>
ID: 0033333301				
URSPRUNGSLAND DE		KUNDENSPEZIFISCHES ROUTING Route 66		
LIEFERSCHEINNUMMER 08466117		ETA 2022-03-02/00:00		
LIEFERANTENNUMMER 0022222201		MENGE (PC) 18		BRUTTO KG 100
SACHNUMMER HECKSPOILER BASIS, MONDSTEINGRAU 5H6 827 933 F A7C				
PACKSTUCKID (1:3) 1JUN333333334807814889		PACKMITTEL-TYP 519134 VERSANDDATUM S 2022-03-01		
		CHARAKTERISIERUNG TEILEGEBEN-HARDWARE-SOFTWARE-STAND //		

Source VDA 4987 Delivery Note

Segment Qualifier	Example in message	Meaning/content
PCI	PCI+17+++1::5'	Packaging identification

Possible variations

1J	S	Single Label	Teileführender Behälter
5J	MIX	Mixed Label	Transportlade-einheit (TLU) bei Mischgebinden
6J	M	Master Label	Transportlade-einheit bei sortenreinen Gebinden

VDA 4994 Global Transport Label – Block B1 Customer reference 1

VERSENDER Ship from Name1 Name2 Ship from City DE-33333		EMPFÄNGER Ship to Name1 Name2 Ship to Street1 DE 44444 Ship to City WERK / ABLADESTELLE / INTERNE DESTINATION 11/ÄKL/101P3		<div style="font-size: 48px; text-align: center;">S</div> 
ID: 0033333301				
URSPRUNGSLAND DE		KUNDENSPEZIFISCHES ROUTING Route 66		ETA 2022-03-02/00:00
LIEFERSCHENNUMMER 08466117 LIEFERANTENNUMMER 0022222201				MENGE (PC) 18 BRUTTO KG 100
SACHNUMMER HECKSPOILER BASIS, MONDSTEINGRAU <div style="font-size: 24px; text-align: center;">5H6 827 933 F A7C</div>				
PACKSTÜCKID (1:1) 1JUN333333334807814889 		PACKMITTEL.TYP 519134 VERSANDDATUM S 2022-03-01 CHARGENNUMMER TELEGEN-HARDWARE-SOFTWARE-STAND / /		

Source VDA 4987 Delivery Note

Segment Qualifier	Example in message	Meaning/content
NAD+ST	NAD+ST+0022222201::92++Ship from Name1:Name2+Ship from Street1:Street2+Ship from City++33333+DE'	ID, Name, Anschrift
RFF+AAU	RFF+AAU:8466117:1'	Delivery note number and delivery note line item

VDA 4994 Global Transport Label – Block B2 Routing information of the customer

VERSENDER Ship from Name1 Name2 Ship from City DE-33333		EMPFÄNGER Ship to Name1 Name2 Ship to Street1 DE 44444 Ship to City WERK / ABLADESTELLE / INTERNE DESTINATION 11/AKL/101P3		<div style="font-size: 48px; text-align: center;">S</div> 
ID: 0033333301				
URSPRUNGSLAND DE		KUNDENSPEZIFISCHES ROUTING <div style="border: 2px solid blue; padding: 5px; text-align: center;">Route 66</div>		ETA 2022-03-02/00:00
LIEFERSCHENKUNUMMER 08466117				MEINDE (PC) 18
LIEFERANTENNUMMER 0022222201				BRUTTO KG 100
SACHNUMMER HECKSPOILER BASIS, MONDSTEINGRAU <div style="font-size: 24px; text-align: center;">5H6 827 933 F A7C</div>				
PACKSTÜCKID (1:1) 1JUN333333334807814889		PACKMITTEL-TYP 519134 VERSANDDATUM S 2022-03-01 CHARGENNUMMER TEILEGEN-/HARDWARE-/SOFTWARE-STAND / /		
				

Source VDA 4987 Delivery Note

Segment Qualifier	Example in message	Meaning/content
LOC+11	LOC+159+Route 66	Internal place of destination

- Information used by the customer for internal routing of the containers after goods receipt.
- Doesn't need to be interpreted further by suppliers.

VDA 4994 Global Transport Label – Block B3 Logistics reference

VERSENDER Ship from Name1 Name2 Ship from City DE-33333		EMPFÄNGER Ship to Name1 Name2 Ship to Street1 DE 44444 Ship to City		<div style="font-size: 48px; font-weight: bold; text-align: center;">S</div> 
ID: 0033333301		WERK / ABLADESTELLE / INTERNE DESTINATION 11/AKL/101P3		
URSPRUNGSLAND DE		KUNDENSPEZIFISCHES ROUTING Route 66		ETA 2022-03-02/00:00
LIEFERSCHENNUMMER 08466117				MENGE (PC) 18
LIEFERANTENNUMMER 0022222201				BRUTTO KG 100
SACHNUMMER HECKSPOILER BASIS, MONDSTEINGRAU				
5H6 827 933 F A7C				
PACKSTÜCK-ID (12)		PACKMITTEL-TYP		VERSANDDATUM
1JUN333333334807814889		519134		S 2022-03-01
		CHARGENNUMMER		
		TELEGEN - HARDWARE / SOFTWARE - STAND		//

Source VDA 4987 Delivery Note

Segment and Qualifier	Example in message	Meaning/content
DTM+132	DTM+132:202203020000:203'	Estimated arrival date
QTY+52	QTY+52:18:PCE'	Quantity per packaging unit
MEA+AAZ+AAB	MEA+AAZ+AAB+KGM:100'	Shipment's gross weight

VDA 4994 Global Transport Label – Block C Part number of the customer

VERSENDER Ship from Name1 Name2 Ship from City DE-33333		EMPFÄNGER Ship to Name1 Name2 Ship to Street1 DE 44444 Ship to City		<div style="font-size: 48px; font-weight: bold; text-align: center;">S</div> 
ID: 0033333301		WERK / ABLADESTELLE / INTERNE DESTINATION 11/ÄKL/101P3		
URSPRUNGSLAND DE	LIEFERSCHENNUMMER 08466117	KUNDENSPEZIFISCHES ROUTING Route 66	ETA 2022-03-02/00:00	
LIEFERANTENNUMMER 0022222201			MEINDE (PC) 18	BRUTTO KG 100
SACHNUMMER HECKSPOILER BASIS, MONDSTEINGRAU <div style="font-size: 24px; font-weight: bold; text-align: center;">5H6 827 933 F A7C</div>				
PACKSTÜCKID (1:1) 1JUN333333334807814889 		PACKMITTEL.TYP 519134 VERSANDDATUM S 2022-03-01 CHARGENNUMMER TEILEGEBEN.-HARDWARE-SOFTWARE-STAND / /		

Source VDA 4987 Delivery Note

Segment Qualifier	Example in message	Meaning/content
LIN	LIN+++ 5H6 827 933 F A7C:IN'	Article number of the customer

VDA 4994 Global Transport Label – D2 Customer reference 2

VERSENDER Ship from Name1 Name2 Ship from City DE-33333		EMPFÄNGER Ship to Name1 Name2 Ship to Street1 DE 44444 Ship to City WERK / ABLADESTELLE / INTERNE DESTINATION 11/ÄKL/101P3		<div style="font-size: 48px; text-align: center;">S</div> 
ID: 0033333301				
URSPRUNGSLAND DE		LIEFERSCHENNUMMER 08466117		
LIEFERANTENNUMMER 0022222201		KUNDENSPEZIFISCHES ROUTING Route 66		ETA 2022-03-02/00:00 MEINDE (PC) 18 BRUTTO KG 100
SACHNUMMER HECKSPOILER BASIS, MONDSTEINGRAU <div style="font-size: 24px; text-align: center;">5H6 827 933 F A7C</div>				
PACKSTÜCK-ID (1J) <div style="border: 2px solid blue; padding: 5px;"> <div style="font-size: 18px; text-align: center;">1JUN333333334807814889</div>  </div>		PACKMITTEL-TYP 519134 VERSANDDATUM S 2022-03-01 CHARGENUMMER TEILEGEB.-HARDWARE-SOFTWARE-STAND / /		

Source VDA 4987 Delivery Note

Segment Qualifier	Example in message	Meaning/content
GIN+ML	GIN+ML+807814885:1JUN333333334807814885	Label ID of the packaging (packaging item number)

General educational rule

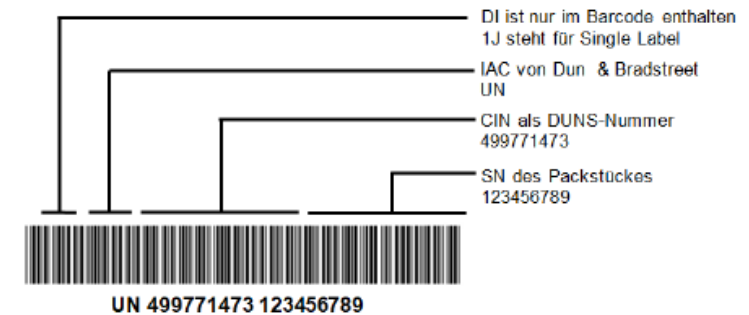


Abbildung 20: Beispielhafte Packstück-ID

Tabelle 4 Verwendbare Data Identifier

J	Eindeutige Packstück-ID eines Gebindes im Leergutprozess
1J	Eindeutige Packstück-ID der innersten Verpackungsebene (Single Label)
3J	Eindeutige Packstück-ID der JIS-Ladeinheit mit Fächern
4J	Eindeutige Packstück-ID der JIS-Ladeinheit mit 1..n JIS Packstücken
5J	Eindeutige Packstück-ID einer gemischten Ladeinheit oder Zwischenverpackung (Mixed Master)
6J	Eindeutige Packstück-ID einer Ladeinheit oder Zwischenverpackung mit gleichen Teilen (Master Label homogene Ladeinheit)

VDA 4994 Global Transport Label – Block E1 Data at the discretion of the supplier

<small>VERSENDER</small> Ship from Name1 Name2 Ship from City DE-33333		<small>EMPRÄNGER</small> Ship to Name1 Name2 Ship to Street1 DE 44444 Ship to City		<div style="font-size: 48px; font-weight: bold; text-align: center;">S</div> 										
<small>ID:</small> 0033333301		<small>WERK / ABLAÖSSTELLE / INTERNE DESTINATION</small> 11/AKL/101P3												
<small>URSPRUNGSLAND</small> DE		<small>KUNDENSPEZIFISCHES ROUTING</small> Route 66		<small>ETA</small> 2022-03-02/00:00										
<small>LIEFERSCHENNUMMER</small> 08466117 <small>LIEFERANTENNUMMER</small> 0022222201		<small>BRUTTO KG</small> 100		<small>MENGE (PC)</small> 18										
<small>SACHNUMMER</small> HECKSPOILER BASIS, MONDSTEINGRAU <div style="font-size: 24px; font-weight: bold; text-align: center;">5H6 827 933 F A7C</div>														
<small>PACKSTÜCK-ID (1:1)</small> 1JUN333333334807814889 		<div style="border: 2px solid blue; padding: 5px;"> <table border="0"> <tr> <td><small>PACKMITTEL-TYP</small></td> <td><small>VERSANDDATUM</small></td> </tr> <tr> <td>519134</td> <td>S 2022-03-01</td> </tr> <tr> <td colspan="2"><small>CHARGENUMMER</small></td> </tr> <tr> <td colspan="2"><small>TEILEGEBEN-HARDWARE-SOFTWARE-STAND</small></td> </tr> <tr> <td colspan="2" style="text-align: center;">/ /</td> </tr> </table> </div>			<small>PACKMITTEL-TYP</small>	<small>VERSANDDATUM</small>	519134	S 2022-03-01	<small>CHARGENUMMER</small>		<small>TEILEGEBEN-HARDWARE-SOFTWARE-STAND</small>		/ /	
<small>PACKMITTEL-TYP</small>	<small>VERSANDDATUM</small>													
519134	S 2022-03-01													
<small>CHARGENUMMER</small>														
<small>TEILEGEBEN-HARDWARE-SOFTWARE-STAND</small>														
/ /														

Source VDA 4987 Delivery Note



DIGITAL TRANSFORMATION

Summary of changes at a glance on the topic:

Place of discharge and internal place of destination (storage location)!

Harmonization with industry standard at a glance!

VDA 4987 Despatch Advice (Guideline Version VW 3.3) old				
Transmission file head information (envelope transmission file)				
UNB+UNOC: 3 +O001234567OXYZ01+O0013000001VW KOI+220301:1340+16393'				
Message header (envelope message) up to Version				
UNH+9+DESADV: D:07A:UN:GAVF24 (up to)				
Message content				
Segment-Group	Content level	Segment...	e. g. value	Description VW
SG2	Head	LOC+7	54S	Place of Delivery
SG20	Item	LOC+11	P0105	Place of Discharge
SG20	Item	LOC+11	P0106	Place of Discharge

VDA 4987 Despatch Advice (Guideline Version VW 4.0) new				
Transmission file head information (envelope transmission file)				
UNB+UNOC: X +O001234567OXYZ01+O0013000001VW KOI+ 20 220301:1340+16393'				
Message header (envelope message) starting with Version				
UNH+1234+DESADV: D:20B:UN:GAVF30 (Starting from)				
Message content				
Segment-Group	Content level	Segment...	e. g. value	Description VDA
SG2	Head	LOC+11	54S	Place of discharge
SG22	Item	LOC+7	P0105	int. Place of destination
SG22	Item	LOC+7	P0106	int. Place of destination

VDA 4939 Shipment Document			
If source VDA4987 old		→ Document does not change	
Segment-Group	Segment	e. g. value	Description
SG2 Master	LOC+7	54S	Place of discharge
SG20 Item	LOC+11	P0105	int. Place of destination
SG20 Item	LOC+11	P0106	int. Place of destination

VDA 4939 Shipment Document			
If source VDA4987 new		→ Document does not change	
Segment-Group	Segment	e. g. value	Description
SG2 Master	LOC+11	54S	Place of discharge
SG22 Item	LOC+7	P0105	int. Place of destination
SG22 Item	LOC+7	P0106	int. Place of destination

VDA 4994 Global Transport Label			
If source Quelle 4987 old		→ Document does not change	
Segment-Group	Segment	e. g. value	Description
SG2	LOC+7	54S	Place of discharge
SG20	LOC+11	P0105	int. Place of destination

VDA 4994 GTL			
If source VDA 4987 new		→ Document does not change	
Segment-Group	Segment	e. g. value	Description
Master	LOC+11	54S	Place of discharge
Item	LOC+7	P0105	int. Place of destination

Kennen Sie den „TSB Generator“?

The TSB Generator is a program that can be used to generate shipment documents (VDA 4939) and Global Transport Label (VDA 4994) according to Volkswagen specifications. It is available free of charge to suppliers of the Volkswagen Group. Data records in the format VDA 4987 - Global DESADV according to the Volkswagen guideline are necessary for the generation of the documents

The TSB Generator can be used under Windows and Linux. However, no support is offered for Linux.

The application can be installed on an individual computer or on the supplier's network. An installable and a portable version, for which no administrator rights are required, are available.

This solution is continuously updated by Volkswagen!

You will find the solution in the protected area of ONE KBP under: Information - Business Units - Logistics - TSB Generator



The background image shows a person in a white lab coat holding a tablet. Overlaid on this are several circular icons representing different aspects of digital transformation: a cloud with a circular arrow, a Wi-Fi signal, a puzzle piece with circuitry, a microchip, a globe, a robotic arm, and interlocking gears. The text 'DIGITAL TRANSFORMATION' is prominently displayed in the center.

DIGITAL TRANSFORMATION

Thank you for your attention!