

This guide describes the necessary material flow information that have to be printed and encoded on the GTL on delivery of production material to the Volkswagen AG plants.

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More detailed descriptions on the use of the transport label can be found in the process-describing EDI Implementation Guidelines and in the separate description of the structural presentation of packages required by VWAG. These guides can be found on our website.

The description of the GTL standard can be obtained from the regional AIAG, JAMA/JAPIA and ODETTE organisations. Contact your national Odette organisation to see whether a translation is available in your national language. A German translation is available from VDA.

"Users of this standard should also investigate regional implementation guidelines published by AIAG, Odette, JAMA/JAPIA or by individual trading partners."

You can find the latest version of this guide under: [Download EDI-Guidelines](#)

The GTL Global Transport Label as a standard

The GTL has been developed as a common, global standard within the automobile industry. AIAG, JAMA/JAPIA and ODETTE were involved in its development. The standard document "GLOBAL TRANSPORT LABEL TEMPLATE STANDARD FOR THE AUTOMOTIVE INDUSTRY" is the basis of these guidelines.

The previously used OTL = Odette Transport Label (also VDA 4902) will not be applied anymore.

In comparison with the OTL, the GTL offers new possibilities for transport and material logistics due to its improved features: Clear identification of the package by scanning only one barcode field "License Plate" with the package number (Org-Company Code + Serial Number) is guaranteed.

- The globally unique package number within one year enables the single document principle in the transport chain, i.e. continuous material administration based on the package number and continuous package tracking throughout the whole transport.
- Handling is considerably facilitated by scanning all package information in only one 2D code field and not in several barcode fields.
- The GTL is designed as a template. It contains blocks whose contents can be agreed "flexibly".
- Customer-specific, flexible allocation in the reference fields (e.g. ET) is possible, i.e. supplier systems must be able to generate customer-specific labels.
- A reserved "supplier field" is exclusively available for internal supplier information. After acceptance by the recipient, the field can be used for customer-specific information (e.g. label with storage space). This enables the single document principle from production to production even if "subsequent orders" by the recipient become necessary.
- The supplier may require new printers (printer drivers) and the recipient may require new scanners (code 128, code PDF417) for generating the GTL.

1 Task and purpose of the GTL

Package-related information has to be stored on the VW transport labels. This information is required to identify the handling unit (package), material and packaging and also to assign EDI messages and accompanying paper documents.

The data on the VW transport label are registered visually and mechanically

- in the goods receiving on delivery to a warehouse of a VWAG plant, to a consignment store, to a logistics contractor or for original parts direct delivery.
- in the forwarder's consolidation center at transport handling
- in the supplier's dispatch department when arranging or verifying a shipment.

The GTL is mechanically registered and processed in the goods receiving and warehouse. Normally, only the package number (barcode 128) has to be registered in order to access the material and packaging data generated from the EDI data in the goods receiving system. The 2D code can be used to check the identity of label data and EDI data. If the GR system is unavailable (backup case) or in non-system-based environments (external store, CC), it enables the package data (material and packaging data) to be registered with minimum effort.

The Volkswagen AG brands and plants process the GTLs in accordance with the following description.

Automatic registration is being introduced at VW and Audi according to an implementation plan based on specific unloading points.

A transport label should also be used for (initial) sample parts if the supplier's dispatch system can generate it. If the transport label cannot be generated mechanically, a similarly processed transport label must be supplied.

1.1 History – Changes version 02: valid from November 1st, 2009

Position	Changes
A1	Omission of the contact data
A2	Font size for recipient's data reduced to 14 pt
A3	Omission of the "VWAG " addition above the 2D codes
B2	Omission "load"
B2	Field is only used for "Point of consumption".
D1	License Plate: omission of the hyphen when printing the DUNS-No.
D2.3	Detailing at 1J and 6J delivery notes

1.2 History – Changes version 03: effective as of 19th July 2010

Position	Changes
	Inclusion of AIAG-B10 VWGoA Chattanooga
B2	Line handling code Chattanooga
D2	P lane date
E2	P Lane, Fix Location, internal route and Supermarket handling code Chattanooga

2 General terms

A label (transport label) must be used for all packagings (main packaging) delivered with production material to Volkswagen and Audi recipient plants. The quantity per package is always assigned to the main packaging. Auxiliary packagings have no quantity per package (e.g. cover); they are not provided with a label.

In order to ensure the legibility of the code, we recommend laser print quality for the barcode.

The transport label must be sufficiently durable and placed in such a way that it can be read mechanically and visually without any problem when delivering the package. Before attaching the transport labels, it must be ensured that previously attached transport labels are removed, as this may otherwise result in incorrect readings, especially in the case of mechanical identification.

VWAG packaging generally has defined areas or label pockets for attaching the transport labels. Horizontal attachment of the transport labels in the defined location ensures visual and mechanical legibility of the documents. Packaging bandings must not cover or run over the master transport labels. Code fields must never be concealed by adhesive dots!

If a substitute packaging, as for example boxes, is used in exceptional cases, the transport label must be placed on the top edge of one side.

The standard format of the printed area is DIN A5. If necessary, document dimensions larger than DIN A5 can be selected. The GTL for small container types (KLT label) must be used when applying the VDA-KLT system (VDA 4500). A6 or AIAG-B10 formats may be used in justified, exceptional cases. The exception is the delivery to plants (at present only in Chattanooga) in the USA. In these cases you have to use the format AIAG-B10 as standard.

2.1 Characteristics of the Small Label KLT

The contents of the Global Transport Label for flat KLT (small label) are identical to those of the DIN A5 GTL. The small label is half as high as the A5 label. The small label fits precisely into the KLT

holders (label pockets). The labels must be inserted into the label pockets and secured against loss (e.g. by adhesive dots).

Both labels can be generated on one printer without changing the paper. The following printing procedures are possible:

- Print out of two small labels on the DIN A5 print area and then cut to a height of 7.4 cm.
- Print out one small label on the upper half of the DIN A5 print area and then fold in half to a height of 7.4 cm. The lower half is not printed.

2.2 Receipt language and characters

In the event of transnational deliveries, the field and line titles must be written in English. If necessary, field and line titles in the national language of the recipient plant must be agreed in the event of transnational deliveries. The national language of the recipient plant can be selected in the case of national deliveries. In the case of international deliveries, only ISO character set A or B are admitted for the field and line titles. Country-specific characters may only be selected in the case of national deliveries or by arrangement.

In the same manner as the EDI data, the language of the field contents must be neutral. Text data without any EDI reference, e.g. address data (From / To) must be in English in case of international deliveries. Field contents in the national language of the recipient plant may be agreed in case of international deliveries. The national language can be selected in case of national deliveries. In the case of international deliveries, only ISO character set A or B are permissible for the field contents. Country-specific characters may only be used in the case of national deliveries and by arrangement.

The language used for texts and data in the supplier field may be freely selected by the supplier, as this information is of no importance to the recipient or the forwarder.

2.3 Use of fonts

The use of the proportionate font ARIAL or ARIAL NARROW is recommended. A similar font from the same family may also be used.

According to the standard, the following font sizes must be selected for the field and line titles:

- Max. 8 pt for A5 label size
- 6 pt for the small label and label size A6 / B10

The font sizes for the data contents must be selected according to the allocation examples in Chapter 5 and the data element descriptions in Chapter 6. The assignment examples are oriented towards the

field lengths used within VW AG. If the field lengths are exceeded in individual cases, the font size must be reduced to the necessary size.

3 The GTL in the VW package structure

In case of simplified loading units (without sub-packaging) and delivery units (in a container), a single label with the GTL ID 1J must always be attached on the main packaging.

In the case of homogeneous loading units with identical (inner) delivery units, a master label with the GTL ID 6J must always be attached on the main packaging (outer packaging).

In the case of mixed containers with different (inner) delivery units, a mixed label with the GTL ID 5J must always be attached on the main packaging (outer packaging).

Like outer packaging (with delivery units), the corresponding mixed (or master) label must be attached on packages in an intermediate package hierarchy level.

No labels may be attached on auxiliary packaging. Like auxiliary packaging, empty KLTs in the container (for stabilisation) must be shipped without labels.

Note: A comprehensive description of the package structures, together with examples, can be found in the EDI guidelines and in the "Package structures and segment sequences in the VW EDIFACT DESADV delivery note data" guide. [Download Packaging structures](#)

4 Layout and assignment samples for the GTL within VW AG

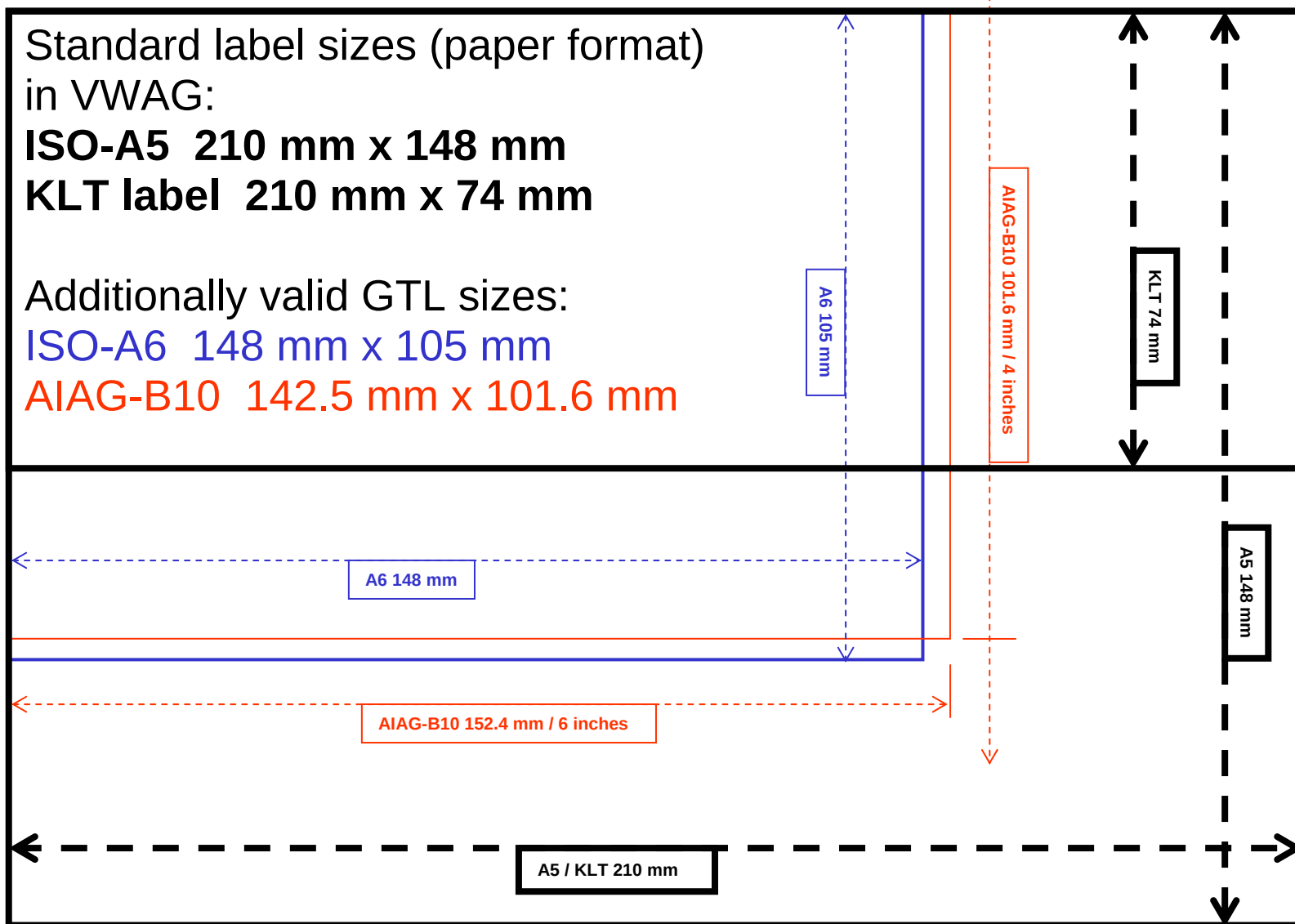


Fig. 1
Label size

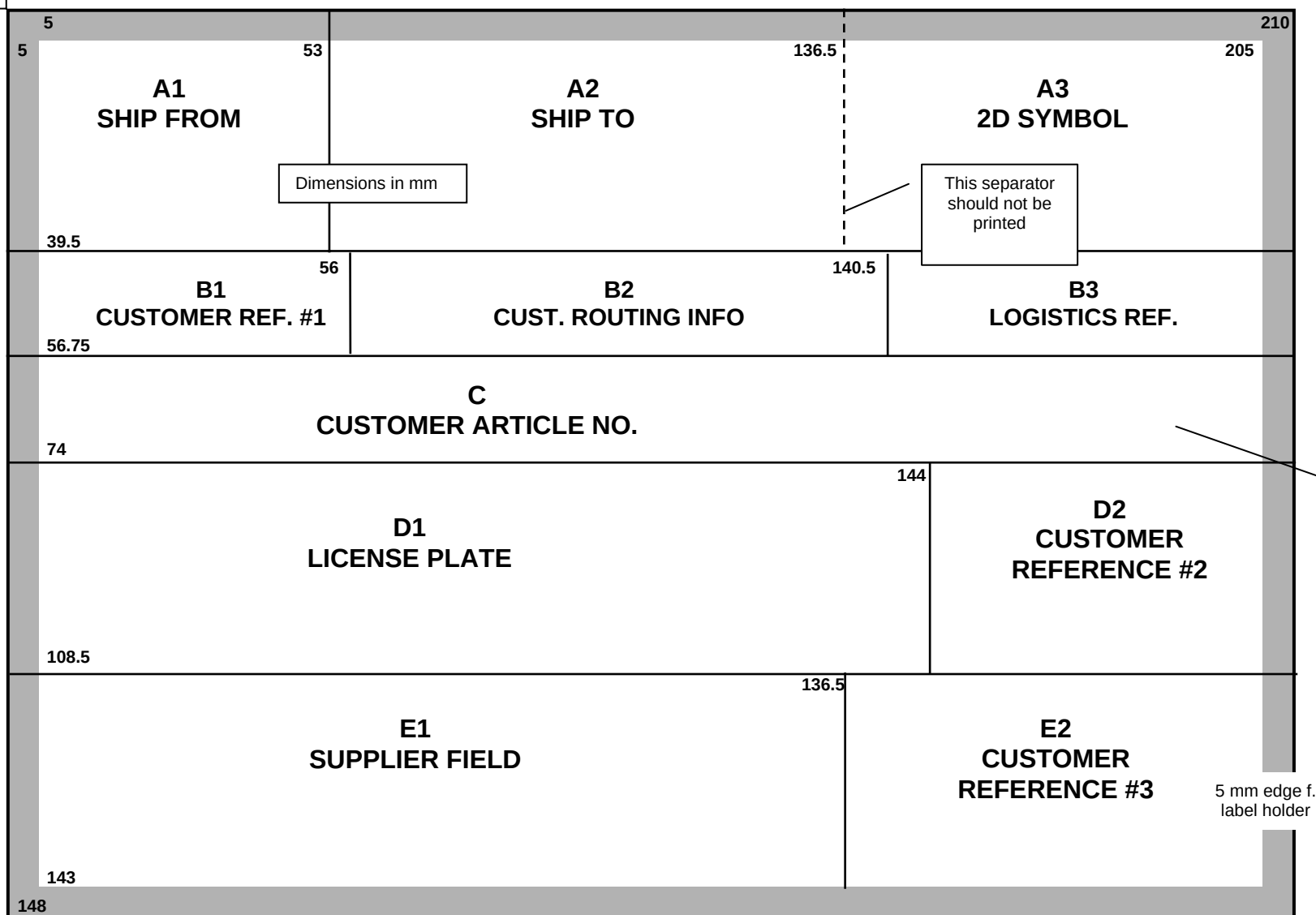


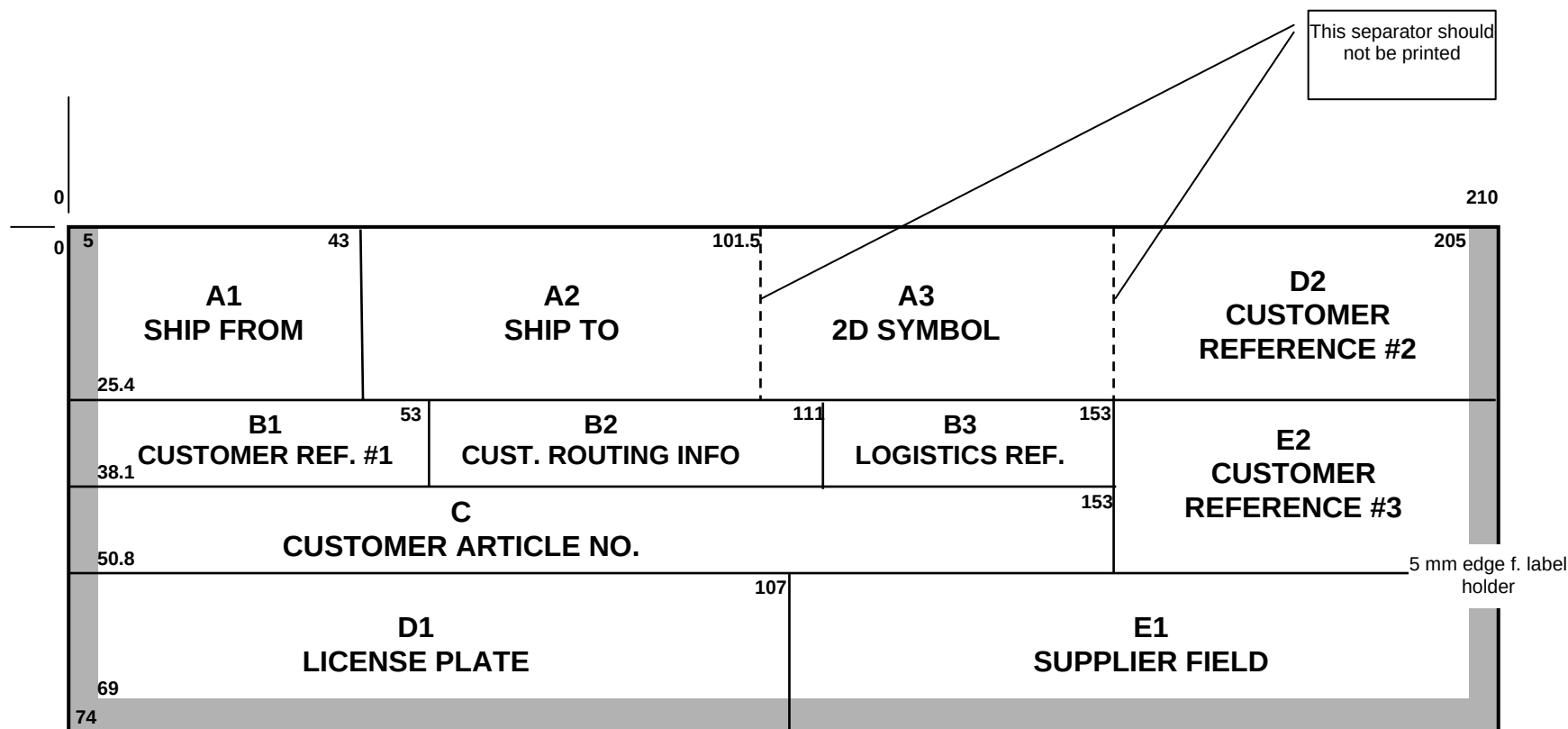
Fig. 2

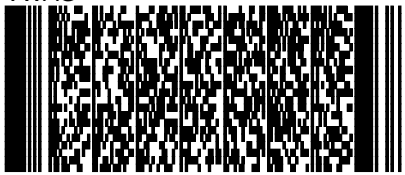
Assignment and dimensions of the label fields (blocks) A5

Fig. 3

Assignment and dimensions
of the label fields (blocks)

Small Label KLT



Von From		An To		VWAG 	
Kontakt Contact Made In Made In		Anlieferwerk / Abladestelle Plant / Dock			
Lieferantennr. Supplier No.		Verbrauchsstelle Point of Use		Packmitteltyp PackagingType	
Lieferscheinnr. Delivery Note				Füllmenge Qty p Pack	
Artikelnr. ArticleNo.					
License Plate License Plate				Brutto-Gew. / Netto-Gew. Gross W./ Net W.	
				Lieferscheindatum / Verfalldatum / Herstelldatum ShipDate / ExpiryDate / ProductionDate	
				Telegenerationsstand Parts generation status	
				Chargenr. / Anzahl Packstücke Batch No. / No. of Packages	
Feld zur Verfügung des Lieferanten Supplier's Area				Verwendunasschl. Usage Code Artikelbezeichnung Article Designation	

Delivery note date/
shipping date
(without ID)
or with ID
E=Expiry date
P=Production date

Batch number for
delivery units and simpl.
loading units
or
number of packages for
mixed load and master
label

Fig. 4

Standard label field
assignment within VWAG
(example A5)

German

English

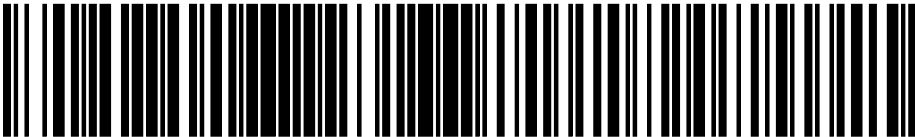
From CCS MAW/3 D 67657 KAISERSLAUTERN		To AUDI AG, NSU-Str D74172 NECKARSULM		VWAG 	
Made In DE		Plant/ Dock VWAG 22 / 01E75			
Supplier No. 0128749/20		Point of Use 12345678901234		Packaging Type 006428	
Deliv. note No. 123456				Qty. per pk. 1234567 PCE	
Art. No. 3A0 867 212 AH DNX					
License Plate  1J UN 049977473 123456789				Gross W. / Net W. 156 / 136 KG ShipDate / ExpiryDate / ProductionDate E 2000-12-24 Parts generation status 01SH010010 Batch No. 12345678	
				Usage Code S Article Designation DOOR TRIM B4 REAR RI FABRIC	

Fig. 5

Single label, simplified loading unit

Code content does not correspond to the indicated data!

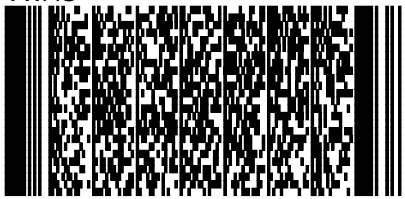
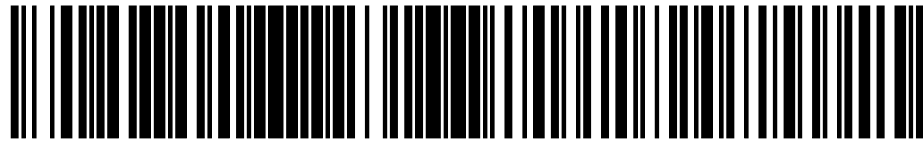
From CCS MAW/3 D 67657 KAISERSLAUTERN		To AUDI AG, NSU-Str D74172 NECKARSULM		VWAG 	
Made In DE		Plant/ Dock VWAG 22 / 01E75			
Supplier No. 0128749/20		Point of Use 12345678901234		Packaging Type 004314	
Deliv. note No. 123456				Qty. per pk. 1234567 PCE	
Art. No. 1B0 867 212 AH DNX					
License Plate  1J UN 049977473 123456789				Gross W. / Net W. 56 / 51 KG ShipDate / ExpiryDate / ProductionDate E 2000-12-24 Parts generation status 01SH010010 Batch No. 12345678	
				Usage Code S Article Designation HELICAL SPRINGS	

Fig. 6

Single label, delivery unit
(inner packaging)Code content does not
correspond to the indicated
data!

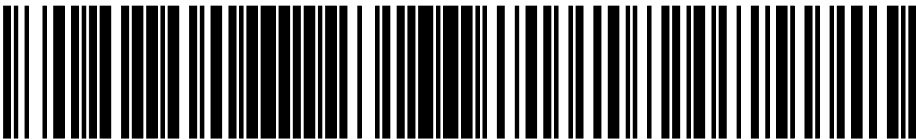
From CCS MAW/3 D 67657 KAISERSLAUTERN		To AUDI AG, NSU-Str D74172 NECKARSULM		 	
Made In DE		Plant/ Dock VWAG 22 / 01E75			
Supplier No. 0128749/20		Point of Use		Packaging Type DB0011	
Deliv. note No. 123456		12345678901234		Qty. per pk. 640 PCE	
Art. No. 1B0 867 212 AH DNX					
License Plate  6J UN 049977473 123456789				Gross W. / Net W. 664 / 544 KG ShipDate / ExpiryDate / ProductionDate E 2000-12-24 Parts generation status 01SH010010 No. of Packages 8 INNER	
				MASTER LABEL	

Fig. 7

Master label, load unit (outer packaging)

Code content does not correspond to the indicated data!

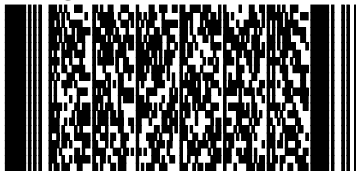
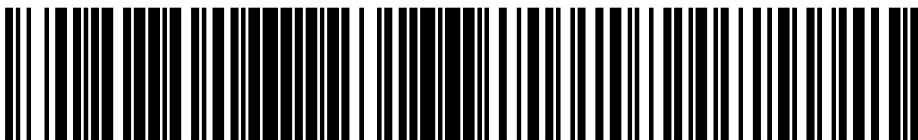
From CCS MAW/3 D 67657 KAISERSLAUTERN		To AUDI AG, NSU-Str D74172 NECKARSULM		VWAG 	
Made In DE		Plant/ Dock VWAG 22 / 01E75			
Supplier No. 0128749/20		Point of Use		Packaging Type	
Deliv. note No.				Qty. per pk.	
Art. No.					
License Plate  5J UN 049977473 123456789				Gross W. / Net W. 664 / KG ShipDate / ExpiryDate / ProductionDate E 2000-12-24 Parts generation status No. of Packages 8 INNER	
				MIXED LOAD	

Fig. 8

Mixed load, load unit (outer packaging)

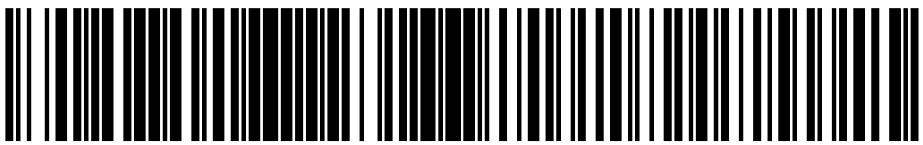
Code content does not correspond to the indicated data!

Fig. 9

Small label fields within
VWAG, simplified loading unit

From CCS MAW/3 D 67657 KAISERSLAUTERN Contact Made in DE	To AUDI AG, NSU-Str D74172 NECKARSULM Plant/ Dock VWAG 22 / 01E75	VWAG 	Gross W. / Net W. 156 / 136 KG ShipDate / ExpiryDate / 2002-10-24 Parts generation status KAM3A0042 Batch No. 12345678
Supplier No. 0128749/20 Deliv. note No. 123456	Point of Use 12345678901234	Packaging 006428 Qty. per 1234567 PCE	Usage Code S Article Designation DOOR TRIM B4 REAR RI FABRIC
Art. No. 3A0 867 212 AH DNX			
License Plate  1J UN 049977473 123456789		SUPPLIER	

Code content does not
correspond to the indicated
data!

From CCS MAW/3 D 67657 KAISERSLAUTERN		To VW-VZ SCHATZBOGEN 6 D 81829 MUENCHEN				Fig. 10 Assignment example for original parts (OP) on delivery in direct deliveries and for individual vehicle components
Made In DE		Plant/ Dock VWAG OT / 453T0				
Supplier No. 02614/0		Point of Use 12345678901234		Packaging Type 006428		Drop shipment unloading point
Deliv. note No. 123456				Qty. per pk. 1234567 PCE		
Article 3A0 867 212 AH DNX						Goods recipient SAP account No.
License Plate				Gross W. / Net W. 156 / 136 KG		For vehicle-specific components: Chassis number License plate number or film number
				ShipDate / ExpiryDate / ProductionDate E 2000-12-24		
261004878354				Parts generation status 01SH010010		
				Batch No 12345678		
Supplier's field				ON = 123456789012345		ON = OP SAP purchase order No. + item No. CG = OP customer purchase No. ACF = OP end customer reference AAJ = OP delivery order number ADF = OT Framework Contract Number
				CG = 12345678901234567890		
		ACF=12345678901234567890				
		AAJ=1234567890				
		ADF=1234567890				

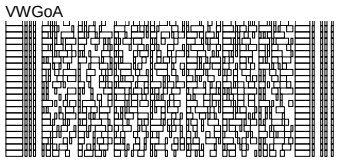
From	To	
Contact Made In	Plant / Dock	
Supplier No. Delivery Note	Point of Use	PackagingType Qty p Pack
ArticleNo.		
License Plate		Gross W./ Net W. ShipDate / ExpiryDate / ProductionDate Parts generation status Batch No. / No. of Packages
Supplier's Area		Usage Code Article Designation

Abb. 11:
Standard label field
assignment AIAG-B10
(only Chattanooga)

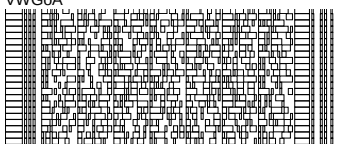
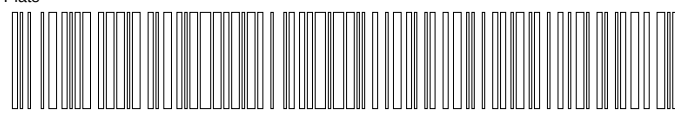
From CCS MAW/3 TN 37416 Chattanooga	To VWGoA, Discovery Drive TN 37446 Chattanooga	VWGoA 
Made In USA	Plant / Dock VWGoA 62 / 01E75	
Supplier No. 1002039412	Point of Use F7-A-500- C-E07	PackagingType DB0011
Delivery Note 123456		Qty p Pack 640 PCE
ArticleNo. 1B0 867 212 AH DNX		
License Plate  1J UN 049977473 123456789		Gross W. / Net W. 664 / 544 KG ShipDate / ExpiryDate / PDate E 2000-12-24 Parts generation status 01SH0 Batch No. / No. of Packages 8 INNER
		P-Lane / Fix Location - Route P20-18 Supermarket Handling Code / Label Indicator MASTER

Abb. 12
Master label,
homogeneous
handling unit ati AIAG-
B10
(only Chattanooga)

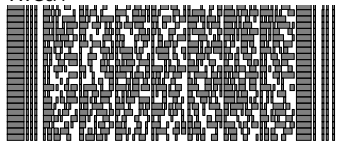
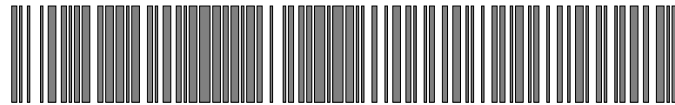
From CCS MAW/3 TN 37416 Chattanooga Made In USA	To VWGoA, Discovery Drive TN 37446 Chattanooga Plant / Dock VWGoA 22 / 01E75	VWGoA 
Supplier No. 1002039412 Delivery Note 123456	Point of Use F7-A-500- C-E07	PackagingType DB0011 Qty p Pack 640 PCE
ArticleNo.		
License Plate  1J UN 049977473 123456789		Gross W./ Net W. 664 / 544 KG ShipDate / ExpiryDate / P-Lane Date U 2000-12-24 Parts generation status 01SH0 Batch No. / No. of Packages 8 INNER
		P-Lane / Fix Location - Route P20-18 Supermarket Handling Code / Label Indicator MIXED LOAD

Abb. 13
 Mixed-Load-Label, outer
 packaging at AIAG-B10
 (only Chattanooga).

All inner packages carry
 the same route number

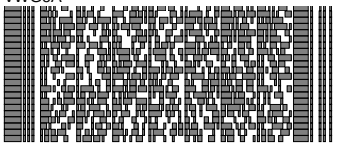
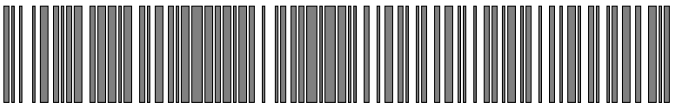
From CCS MAW/3 TN 37416 Chattanooga Made In USA		To VGoA, Discovery Drive TN 37446 Chattanooga Plant / Dock VGoA 22 / 01E75		VGoA 
Supplier No. 1128749120	Point of Use 12345678901234		PackagingType DB0011	
Delivery Note 123456			Qty p Pack 640 PCE	
ArticleNo. 1B0 867 212 AH DNX				
License Plate  1J UN 049977473 123456789		Gross W. / Net W. 664 / 544 KG ShipDate / ExpiryDate / ProductionDate U 2000-12-24 Parts generation status 01SH0 Batch No. / No. of Packages 8 INNER		
		P-Lane / Fix Location - Route P21- SORT Supermarket Handling Code / Label Indicator MIXED LOAD		

Abb. 14:
Mixed load label, outer
packaging at AIAG-B10
(only Chattanooga).

Inner packages with
different routes

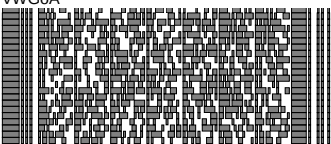
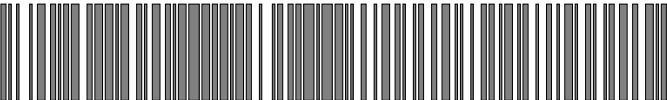
From CCS MAW/3 TN 37416 Chattanooga Made In USA	To VWGoA, Discovery Drive TN 37446 Chattanooga Plant / Dock VWGoA 22 / 01E75	VWGoA 
Supplier No. 1128749120 Delivery Note 123456	Point of Use 12345678901234	PackagingType DB0011 Qty p Pack 640 PCE
ArticleNo. 1B0 867 212 AH DNX		
License Plate  1J UN 049977473 123456789		Gross W./ Net W. 664 / 544 KG ShipDate / ExpiryDate / ProductionDate U 2000-12-24 Parts generation status Batch No. / No. of Packages 8 INNER
		P-Lane / Fix Location - Route P20 - 11 Supermarket Handling Code / Label Indicator HZ-SB- Z- Z-BZ

Abb. 15:
Single label
Handling unit (inner
packages) at AIAG-B10
(only Chattanooga)

5 Data fields and data contents

The following specifications define the use of the data fields for VW AG. The data contents and the formal structure of data elements of the transport label must basically be integrated from the call-off data, unless this involves data which are to be determined or inserted by the supplier. The information on the transport label must basically correspond to the delivery note and the transport data (ASN) and the transport- and shipment documents.

(A1) From (14 pt, with four-line address specification) Address of the shipper (supplier) in the typical form of the country.

Made in (14 pt) The ISO code of the country in which the article, to which the label refers, was produced must be entered here.

(A2) To (14 pt, with four line address specification) Address of the recipient plant in the typical form of the country, i.e. Germany: Name of the company, street or P.O. box, number, postal country code, postal code, location. Note: The delivery address may, e.g. in case of external warehouse, deviate from the address of the recipient plant. The delivery address does not have to be entered on the label.

GuideID bei ISO-A5/Small KLT-Label (14 pt) "VWAG" The guide identifier "VWAG" must always be entered here for identifying the document layout according to which the label must be generated. In the 2D code, the guide ID also identifies the regulation according to which the PDF417 string has been generated.

GuideID at AIAG-B10 (only Chattanooga) (14 pt) "VWGoA" The different guide identifier "VWGoA" must always be entered for deliveries to Chattanooga for identifying the document layout according to which the label must be generated.

Delivery plant (24 pt) 2 digits The group recipient plant has to be entered according to the entry in the call-off data. In order to identify the document layout "VWAG" must be entered first and then the recipient plant.

Deviation in direct-from-supplier OP shipment: Instead of the delivery plant, the "OP" code must be entered in case of an OP unloading point. The "unloading point" for OP direct deliveries is 453TO.

Volkswagen AG

Implementation Guidelines

Global Transport Label GTL

To be generated by the VW AG brand / plant supplier

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Unloading point (24 pt) 5 digits The unloading point must be entered behind the separator according to the entry in the material call-offs and the entry in the delivery note and transport data.

(A3) 2D code

On the GTL for the Volkswagen AG plants, the 2D code PDF417 in the A3 field must be structured according to ISO 15434 syntax. The GTL standard specifications must be considered. The following minimum requirements must be met for Volkswagen AG: Xdim = 13 mils (Small KLT = 10 mils), Xdim/Ydim = 1/3, Error Corr. Lvl = 4.

Syntax control characters to be used according to ISO 15434

ASCII	Hex / decimal	
]>	5B, 29, 3E / 91, 41, 62	Compliance Indicator
^R _S	1E / 30	Format Trailer Character
^G _S	1D / 29	Data Field Separator
^E _{0T}	04 / 04	Message Trailer

The information data in PDF417 must be entered in the following sequence and with the following IDs for the Volkswagen AG.

Data

Identifier:	Data example	Description
06		Format Header
12S	GTLVWAG01	"GTLVWAG" (= ID)+ nn (= vers. No.)
12S	GTLVWGoA02	"GTLVWGoA" (= ID for VW Group of America)+ nn (= Vers. no..) Attention!: VWGoA deliveries to Chattanooga only!
2L	22	Group plant
1L	01E75	Unloading point
1J (5J,6J)	UN049977473123456789	License Plate (DUNS No. + ser. No.)
P	3A0 867 212 AH DNX	Part No. in printed format (not for MIXED LOAD)
Q (7Q)	1234567	Quantity (per package) (+ quantity unit in the case of 7Q), Do not generate data element for MIXED LOAD (DI = 5J in LP)
B	006428	Packaging code
V	012874920	Supplier code
12S	12345678	Delivery note number (poss. not for MIXED LOAD)
1T	1234567890	Batch number (optional)

Example of a VW data string with 2D code PDF 417 processed according to ISO 15434 and dimensioning x-mills=13, error correction level 4:

Message Header]>^R_S
 Format Header 06^G_S

Formatted information data 12SGTLVWAG01^G_S 2L22^G_S 1L01E75^G_S 1JUN049977473123456789^G_S

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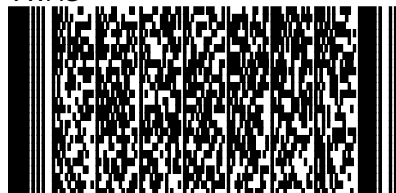
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P 3A0 867 212 AH DNX^G_SQ1234567^G_SB006428^G_SV012874920^G_S12S12345678^G_S
1T1234567890

Format Trailer
Message Trailer

R
S
E
0_T

VWAG



Example PDF417 for VWAG

Formatted information data using MIXED LOAD as an example:

12SGTLVWAG01^G_S 2L22^G_S1L01E75^G_S5JUN049977473123456789^G_SBVW0012^G_SV012874920^G_S
12S12345678^G_S

- (B1) Supplier number** The local supplier no. must be entered with the delivery plant index. It has to correspond to the supplier number in the call-offs and the delivery note and transport data. Preceding zeros must be printed in normal print. VW/Audi Europe The index must be delimited with a "/", "-", or blank between digits 7 and 8 (old: between digits 5 and 6) in the normal print view.

Example.: VW/Audi Europe

Supplier number old in DS and ASN: 012830 printed 01283-0

Supplier number new in DS and ASN: 001234100, printed 0012341-00

Delivery note number (20 pt) digits The delivery note number assigned by the supplier always has to be entered in this field. In case of mixed containers (MIXED LOAD), the delivery note number may only be printed on the master transport label for the loading unit if all of the delivery units in the container belong to the same delivery note. If material is delivered via an EDL, the EDL assigns a new delivery note number on delivery and transmission of the EDI data to VW/Audi. However, the EDL does not generate a new label, i.e. the delivery note number assigned by the supplier on the transport label deviates from the delivery note number in the EDI data from the EDL.

- (B2) Storage location / Point of use** at ASO-A5/Small KLT-Label (20 pt) 14 digits A point of use has to be assumed from the call-offs (delivery call-off, delivery pre-advice and despatch call-

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off). At present this information is not transferred by default to all plants and brands. In these cases the fields are empty.

Deviation in OP direct delivery: SAP account no. of the goods recipient (20 pt) 10 digits
Instead of the delivery location or point of use, the SAP account number of the goods recipient, e.g. a distribution centre, must be entered. In direct OP call-off, the SAP account number of the goods recipient is transmitted in the NAD segment with the qualifier CN instead of the recipient plant.

(B2) Point of consumption at AIAG-B10 (only Chattanooga) (20 pt) 14 digits. The field is to be filled with the Line handling code.

Data source: Desapatch Call-off EDIFACT GLOBAL DELJIT

SG6, PCI+3, C210 DE7102, 4th data element

(B3) Packaging type (20 pt) 7 digits The packaging designation must be entered according to the current VW/Audi packaging agreement. We will inform you of the packaging data in the delivery call-offs and in a written packaging agreement. The packaging agreement may contain substitute packaging (packaging alternatives or disposable packaging).

Quantity per package (20 pt) 7 digits + short form of the quantity unit The actual quantity per package, which is to be determined by the supplier, always has to be entered. It may only deviate from the nominal quantity per package specified in the packaging agreements in the event of unavoidable impediments. Quantity units other than "pieces" (DI=Q) which are used in the 2D code must be identified via 7Q. The following dimensions must follow if DI=7Q is used: LT (litres), KG (kilogrammes), MR (metres), SM (square metres) or CR (cubic metres). The quantity of the loading unit per package (= total of the individual quantities in the contained delivery units) must be adjusted on the master label. The quantity per package must not be specified on the mixed load label. In the license plate, mixed load labels have the DI = 5J

Note: The quantity units specified in the EDI delivery note and transport data must be used.

(C1) Article number (44 pt) 19 digits The customer's article number (customer part no. / VW part number) must be entered left-aligned according to the entry in the delivery call-off. As in all other messages forwarded to VW AG, the VW/Audi part number must be described here in "printed format". Blanks in front of and in the part number must be displayed.

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In case of mixed shipments (mixed load = packages with different part numbers in sub-packaging), the field C1 in the charge carrier's (pallet) master transport label remains blank.

(D1) License Plate / DUNS number / package number 22 digits The license plate clearly (uniquely) identifies the package within a year. The license plate is comprised of

- the code for the code-maintaining department (IAC = Issuing Agency Code) (2 digits),
- the supplier ID (CIN = Company Identification Number) (9 digits) and
- the package number (9 digits).

This is preceded by the package ID (data identifier) (2 digits).

Exception: OT Direct Deliveries. Differing from all the other delivery processes a LHM no. as 12 digit package number has to be entered! The LHM number (n12) is composed of the first three digits of supplier number + index + 8 digits package number.

Example:

Old supplier number 6 digits and 1 digit index: 0252210 = 25221/0 => 252012345678

New supplier number 7 digits and 2 digits index: 0012563300 = 125633/0 => 125012345678 .

The DUNS no. in the license plate must be used as the supplier ID (CIN) on all GTLs for supplying the Volkswagen group plants. Therefore UN (=DUNS) always has to be entered as the code for the code-maintaining department (IAC).

The package number is numerical; it clearly identifies the package in combination with IAC and the DUNS no.

The license plate is the reference term for the data in the EDI delivery note and transport data and during clarification of discrepancies. It is the key term during (mechanical) goods receiving registration. The supplier assigns the package no. to precisely one package/package to be shipped. During mechanical registration of the packages in the goods receiving, the completeness of the shipment is checked via the package numbers.

No transport label, and therefore no package number, is required for auxiliary packaging.

The package IDs 1J, 5J and 6J must be used as data identifiers on the GTL.

Detailed regulations regarding the assignment of package IDs in the packaging hierarchy are described in detail and illustrated on the basis of examples in our **Package structures and segment sequences in the VW EDIFACT DESADV delivery note data** guide!

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Brief instruction:

- **"1J"** must be set first as the ID and then the license plate in case of simplified loading units (packages without sub-packaging).
- **"1J"** must be set as the ID in case of delivery units (inner packaging in the configuration).
- **"6J"** must be set first as the ID and then the license plate on a master label (package with identical part numbers in sub-packaging).
- **"5J"** must be set first as the ID and then the license plate on a label for mixed configurations (package with different part numbers in sub-packaging).
- The package ID must be displayed as a component of the license plate in barcode 128 and in 2D code PDF417; it may be printed in plain text before the license plate.

License plate in code 128 The license plate must be displayed in barcode 128. The height of the barcode should be 17 mm (minimum height 15 mm). It must contain the following: Package ID, IAC, CIN, package number.

License plate in plain text (32 pt) 20 or 22 digits The license plate must be displayed in a structured form. At least one blank must be set between the package ID, IAC, CIN and the package number. In order to improve the legibility, the DUNS no (CIN) may be additionally processed with hyphens (see layout examples).

(D2) Customer references (4 lines each 18 pt) nn digits **Gross weight / net weight** The gross and net weight must be determined and entered by the supplier using suitable methods (weighing, calculation).

Delivery note date (shipping date) / expiry date / production date The date must be specified in the form YYYY-MM-DD (or YYYY.MM.DD or YYYY MM DD).

As standard the article's delivery note date (**shipping date**) must be entered without a date ID. The prefixed ID "D" for the delivery note date (shipping date) is permissible.

When delivering material with a limited shelf life (e.g. process materials), the article's **expiry date** must be integrated with the ID "E" on the basis of our technical terms of delivery or in consultation with the recipient.

When delivering to an EDL (supplier material) or at the request of the recipient, the article's **production date** may alternatively be integrated with the ID "P".

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Data regarding part traceability may (alternatively) be demanded for selected articles because of legal regulations, quality management, our terms of delivery or because of agreements. Data regarding part traceability must only be printed on the label for delivery units or for simplified loading units (ID "1J"). If the correct, individual field designation is used, the data element's preceding ID may be dropped.

For deliveries to plant Chattanooga (code 62) the P lane date must always be entered (delivery date to recipient plant). The according ID is "U".

Data source: Despatch Call-off EDIFACT GLOBAL DELJIT

DTM+2, C507, DE2379

Parts generation status

The parts generation status is a 10 digit code that is composed of the generation status (GS), hardware status (HW) and software status (SW). The printing of the code has to be carried out without hyphens. For further information please contact the pre-production logistics of the respective plant.

Generation status (GS)

The generation status (GS) corresponds to a 3-digit number. This consecutive number can be referred to the production rate:

Hardware status (HW)

For control devices, a hardware status has to be indicated beside a generation status. When changing or advancing the HW status also the GS status has to be counted up.

Software status (SW)

The same regulations of the HW status can be applied for the SW status. When updating the software and not changing the hardware only the SW and GS status have to be counted up.

This procedure is made clearer with the following example:

GS	HW	SW	Note
01S	H01	0010	
02S	H01	0020	Change of SW, no change of HW

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03S	H02	0020	Change of HW, no change of SW
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Serial number Subject to agreement, a serial number (ID SN) must be identified in case of selected articles.

Batch number Specification of a batch no (ID 1T) is expected if our technical terms of delivery demand this entry for the supplied goods.

Special assignment for vehicle-specific original parts (OP)

Specification of the chassis number (ID VV) is required in case of vehicle-specific original parts. In special cases, additional data, e.g. license plate number or film number (ID BF) may be agreed in case of vehicle-specific original parts.

Number of packages on mixed load or master label

The number of packages in the loading unit must be printed onto a mixed load or master label (instead of a batch no.). In terms of these specifications, packages are generally packaging units (packaging with content, ID "1J"). In case of configuration structures with an intermediate level, the packages on the next lower level must be counted.

(E1) Supplier field This field can be used as the supplier sees fit.

(E2) Customer references ISO-A5/Small KLT-Label (4 lines each 18 pt) 22 digits Customer references in block E2 are generally transmitted as call-off data or must be integrated from the master data. Customer references may also be demanded depending on the process (e.g. original parts direct delivery).

Usage identifier

The usage identifier must be entered according to the entry in the call-off data and the entry in the delivery note and transport data.

Delivery designation

The article designation agreed between the recipient and the supplier must be entered for delivery units and simplified loading units.

Alternative mixed load and master label assignment

The text "MIXED LOAD" or "MASTER LABEL" must be printed on a mixed load or master label in two lines each 44 pt.

Alternative original parts (OP) direct delivery allocation (5 lines each 16 pt)

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"ON =" OP SAP purchase order number + item no. (10+5 digits)

(Purchase order number assigned by the OP (SAP) system at VW, identified with qualifier ON in the call-off)

"CG =" OP customer purchase order number (20 digits)

(Purchase order number / order number of the OP customer / purchaser at OP, identified with qualifier CG in the call-off)

"ACF =" OP end customer reference purchase order number (20 digits)

(End customer reference number, identified with qualifier ACF in the call-off)

"AAJ =" OP delivery order number (10 digits)

(Goods recipient order number, identified with qualifier AAJ in the call-off)

"ADF =" OP framework contract number (10 digits)

(Framework contract number, identified with qualifier ADF in the call-off)

(E2) Customer references at bei AIAG-B10 (only Chattanooga) (2 lines): References in block E2 are normally transmitted in the call-off data (currently only Chattanooga). Alternatively they have to be taken from the master data..

P-Lane / Fix location + route (1 line 33pt with „-„ as separator)

P lane and route are to be entered according to the ASN data.

Data source: Despatch call-off EDIFACT GLOBAL DELJIT

P lane: SG6, PCI+3, C210 DE7102, 1st data element

Route: SG6, PC+-3, C210 DE7102, 3rd Data element

Supermarket handling code (1 line 25pt)

The field must be filled with the data transmitted in the call-off and retransmitted in the ASN data accordingly

Data source: Despatch call-off EDIFACT GLOBAL DELJIT

SG6, PCI+3, C210 DE7102, 2nd Data element

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6 Assignment overview of the data fields GTL and OTL

Data field designation	V L	S I	M A	M I	GTL data field use at VW			Note
					Sub-blk Line.pos	Format	Code 2D / B	
Short supplier address or			M	M	A1	3 x an..14		
Country of origin	M	M			A1.5	an..3		
Goods recipient short (dispatch adr.)	M	K	M	M	A2	2 x an..17		
VW delivery plant code	M	M	M	M	A2.2	an2	2L /	
Unloading point	M	M	M	K	A2.2	an5	1L /	
Delivery note no.	M	M	M	K	B1.1	n..8	12S	
Supplier no. with index (plant)	M	M	M	M	B1.2	An..11	V	Fieldlength including separators for the index at VW/Audi
Delivery location / storage location customer	K	K	K		B2.1	an..7		
Point of use / place of consumption	K	K	K		B2.1	an..10		
Number of packages			M	M	B3.1	n..3		
Customer packaging type	M	M	M	M	B3.1	an..7	B /	
Quantity per package (pieces) poss. with qualifier LT, KG, MR, SM, CM	M	M	M		B3.2	n..7	Q / 7Q..LT	
Unit of quantity	M	M	M		B3.2	an..3		
Customer article number (part no)	M	M	M		C..1	an..19	P /	
Safety symbol	K	K			C..2	Graphic		
License plate with DUNS no. Package no.	M	M	M	M	D1	an11 (14) n9 (n12)	1J 5J 6J / 1J 5J 6J	The DUNS no. has to be entered without separators
Net package weight incl. quantity	K	K	K		D2.1	n..7		
Gross package weight incl. quantity	M		M	M	D2.1	n..7		
Delivery note date / shipping date	M		M	M	D2.2	an..10	~~6D..060~~	
Expiry date	K	K			D2.2	"E"+an..10	~~14D~~	
Production date	K	K			D2.2	"P"+an..10	~~16D~~	
P lane date (Delivery date)	M	M	M	M	D2.2	"U"+an10		
Parts generation status	K	K			D2.3	"EC"+an..10		
Article serial no.	K	K			D2.3	"SN"+an..10	S	
Chassis number	K	K			D2.3	"VV"+an..17	VV	
Batch number	K	K			D2.4	an..10	1T /	
License plate number	K	K			D2.4	an..10	/	
Film No. for license plate	K	K			D2.4	an..10	/	
Usage code SP, sample part					E2.1	an..3		
Article designation	M	M	M		E2.2	an..22		
OP SAP purchase order number + item No.	K	K			E2.1	an10+5		
OP customer purchase order	K	K			E2.2	an 20		
OP end customer reference	K	K			E2.3	an 20		
OP delivery order number	K	K			E2.4	an10		
OP framework contract number	K	K			E2.5	an10		
P-Lane/ Fixed loacation	M	M	M	M	E1.1	an..8		Afterwards Separator „-“
Route	M	M	M	M	E1.2	an..3		SORT at Mixed Load with different routes
Supermarkt Handling code	M	M			E2.1	an14		MASTER on Master label, MIXED LOAD on Mixed label

VL = Simplified loading unit label
MA = Master Label Homogeneous Load

SI = Single Label inner packaging
MI = Master Label Mixed Load

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M = Mandatory (for GTL),

K = Conditional (for GTL)

Codes which have been struck through are not yet in use.