
Automobili Lamborghini S.p.A

Transport Label JIS Automobili Lamborghini S.p.A

User manual

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1. Introduction

This user manual describes the requirements for the transport label for just-in-sequence deliveries, JIS. At the time of publication of version 1.0 of this guideline, these requirements only apply to deliveries to Lamborghini.

The layout and content of the JIS transport label are based on the Global Transport Label VDA 4994 / Odette L008. However, the deviations from the conventional delivery process are so significant that a Lamborghini-specific description is necessary for the JIS process. The label itself will be generated by in-house systems of the supplier. Alternatively, it will be possible to generate the label using the TSB generator version 8 and higher and VDA4987. It should be noted that the VDA 4987 required for this must contain all the data for generating the label.

In general, the specifications of the VDA recommendation on font sizes, font form and spacing apply. However, the consignee and the consignor can agree on deviations bilaterally if this makes sense from a process point of view and/or is technically necessary.

2. Label functions

Labels are used to identify product and shipping packages in the internal material flow and along their route from the dispatcher of the goods (normally the factory of the supplier) to the shipping company and eventually to the recipient of the goods (normally the factory of the customer). Labels allow for the unique identification of packages around the globe. In addition to the clear-text information, labels also contain machine-readable data in the form of 1D and 2D barcodes for automated handling.

3. Label size, layout and placement

3.1 Dimensions

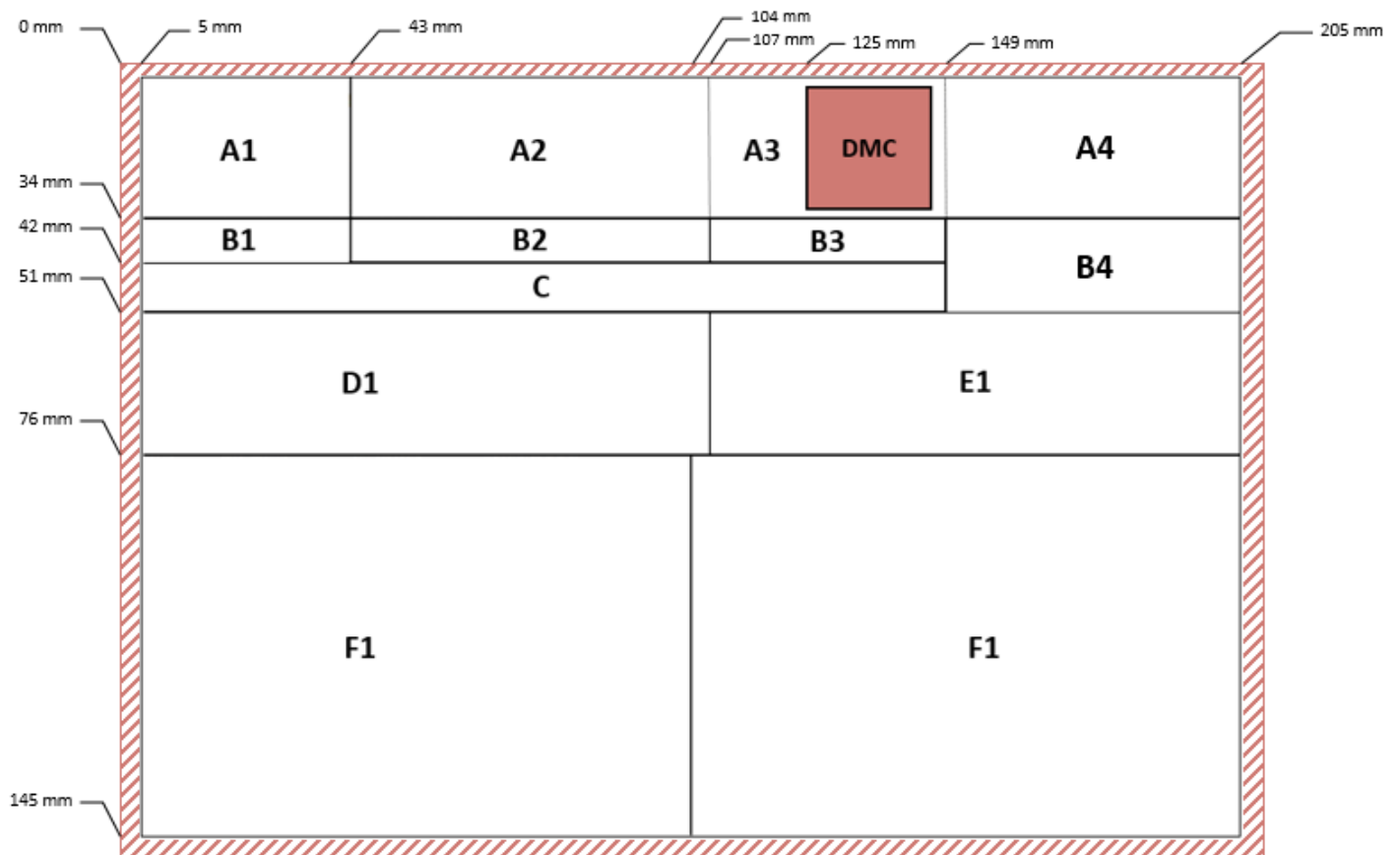
Two sizes are used.


- Master Label: 210 mm x148 mm
- Single Label: 210 mm x 74 mm

3.2 Data blocks on the labels

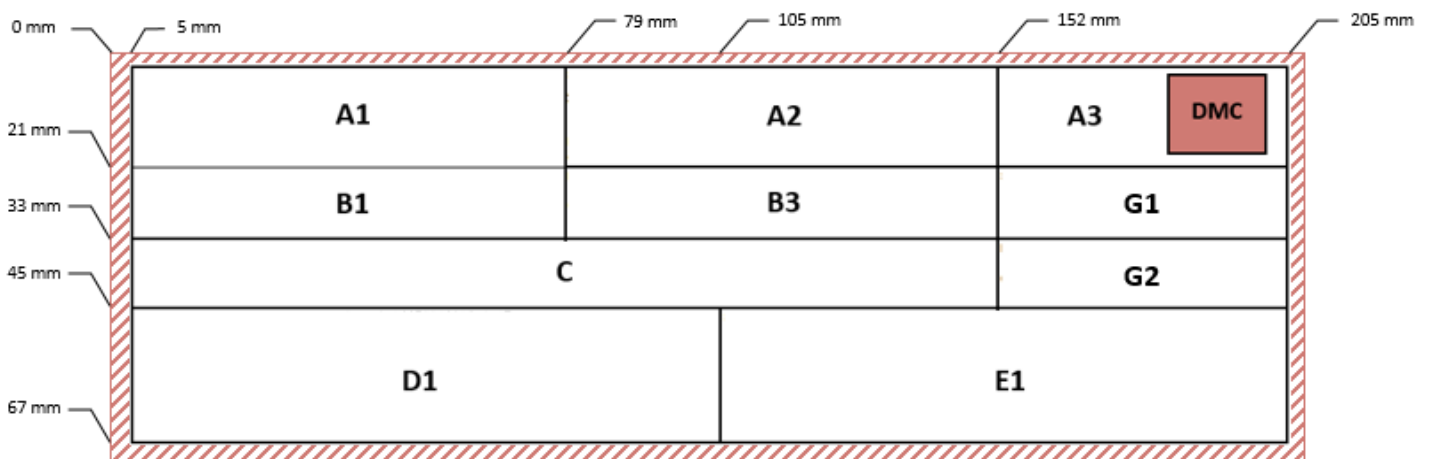
The structure of the labels in the Small-KLT format and the data blocks are based on those of the GTL VDA 4994 with deviations.

The label in A5 format has been adapted for JIS deliveries.



SHIP FROM Company Name City Country code-Postal code ID: 350000		SHIP TO AUTOMOBILI LAMBORGHINI S. VIA F. LAMBORGHINI 1B IT 40019 SANT AGATA BOLOG		ASSEMBLY LINE / MODULO FACCHETTITYP / 517821	
COUNTRY OF ORIG. DE		PLANT / UNLOADING POINT / STOCK LOCATION 88/02/02		DELIVERY NOTE NUMBER 15004564	
MODULE NAME		CUSTOMER ROUTING INFO		ETA 2021-02-04/00:00 QUANTITY 3 NET KG 9 GROSS KG 243	
First and last sequence no. Date and time of first sequence 2953 - 2955					
LICENSE PLATE 3JUN300445116112401040 				SUPPLIER AREA	
SEQ. NO. 2953 2954 2955	PRODUCTION NO. 752385 752199 749758	CALL-OFF GROUP XXXX XXXX XXXX	KLTCOMPARTMENTINFO L00028 L00028 L00028		
SEQ. NO. 2953 2954 2955				PRODUCTION NO. 752385 752199 749758	
CALL-OFF GROUP XXXX XXXX XXXX				KLTCOMPARTMENTINFO L00028 L00028 L00028	

3.3 Label of loading unit



NO REORDER

SHIP FROM Company Name City Country code-Postal code ID: COUNTRY OF ORIG. DELIVERY NOTE NUMBER		SHIP TO Schnellecke Italia Srl Via Lamborghini 1/B IT 40019 Sant'Agata Bolog PLANT / UNLOADING POINT / STOCK LOCATION 88/02/02		S	
10040618		ETA 2021-01-21/14:52		SEQUENCE NO. 2037	
MODULE NAME				PRODUCTION NO. 751860 CALL-OFF GROUP RB2C	
LICENSE PLATE 1JUN888442170007092302 			SUPPLIER AREA		

REORDER

SHIP FROM Company Name City Country code-Postal code ID: COUNTRY OF ORIG. DELIVERY NOTE NUMBER		SHIP TO Schnellecke Italia Srl Via Lamborghini 1/B IT 40019 Sant'Agata Bolog PLANT / UNLOADING POINT / STOCK LOCATION 88/02/02		S	
10040618		ETA 2021-01-21/14:52		SEQUENCE NO. REORDER	
MODULE NAME				PRODUCTION NO. 751860 CALL-OFF GROUP RB2C	
LICENSE PLATE 1JUN888442170007092302 			SUPPLIER AREA		

4. Explanation of the data blocks

In principle, customer references such as the supplier number must be applied and printed unchanged from the delivery call-off. Exceptions to this are the specifications of names and addresses. It is not always possible to print these in full due to the limited space on the label. The maximum lengths are specified using examples in the data matrix for VDA 4994. This size is also to be adhered to at Automobili Lamborghini S.p.A. In some cases it makes sense to abbreviate the company name and/or address entries on the printout.

Font types and font sizes can differ from the VDA recommendation if necessary. This must be clarified with the recipient.



A1 - Shipper of goods

Function:	Information regarding goods dispatcher and country origin	
Title:	SHIP FROM	
Content:	L1: Name of goods sender, L2: Name of goods sender, continued or blank, L3: Town/City, L4: Country code (ISO 2 alpha code) and postal code, L5: ID (supplier number) of the ship from L6: Country of origin of goods (ISO 2 alpha code)	
Example:	SHIP FROM Company Name City Country code-Postal code ID: 350000 COUNTRY OF ORIG. SK	

A2 - Ship-to party

Function:	Information regarding goods recipient, unloading point, storage location	
Title:	SHIP TO	
Content:	L1: Name of goods recipient L2: Name of goods recipient, continued or blank L3: Address of goods recipient L3: Country, postal code and town, city of goods recipient L4: Plant, unloading point, customer internal destination, separated by forward slashes "/" Note: The separating line between A2 and A3 is not printed. If the identifiers of the plant, unloading point and customer internal destination exceed the space available in A2, they may extend into field A3 as long as the quite zone of the DMC is not violated. There must, however, always be a blank space of at least 3mm width before the 2D symbol	
Example:	SHIP TO AUTOMOBILI LAMBORGHINI S. VIA F. LAMBORGHINI 1B IT 40019 SANT AGATA BOLOG PLANT / UNLOADING POINT / STOCK LOCATION 88/02/02	

A3 - Label type and 2D code

Function:	Identification of label type (Master, Single) and 2D code
Title:	none
Content:	<p>Only label type code S (Single) has to be printed.</p> <p>On Single and Master label there should be a 10mm right margin to the 2D code.</p> <p>Note:</p> <p>The separating line between A2 and A3 is not printed. If the identifiers of the plant, unloading point and customer internal destination exceed the space available in A2, they may extend into field A3. There must, however, always be a blank space of at least 3mm width before the 2D symbol.</p>
Example: Master label	
Example: Single label	

A4 - Assembly line/Modulo/Packaging type

Function:	Assembly line and modulo and packaging type
Title:	ASSEMBLY LINE / MODULO PACKAGING TYPE

Content:	<p>Assembly line from sequence call-off DELJIT SYNCRO SEQ+3 DE1050, digit 1-2. Assembly line from VDA4987 DESADV: GIR+4:YN</p> <p>The calculation of the modulo is described in the "Group Standard Load Book JIS". It can be determined only when using special VW-JIS-License-Plate. It serves as a work support for the assembly personnel. It must be printed on request and in agreement with the consignee. If there is no agreement to this effect, the proof may be omitted. The modulo is not required for Lamborghini yet.</p> <p>Packaging type from VDA4987 DESADV PAC+ segment</p> <p>To be printed only on master label, but required in both Data matrix: (Single and Master label)</p>
Example: Master label	<div> <div>ASSEMBLY LINE/ MODULO PACKMITTELTYP</div> <div>10 / 517821</div> </div>

B1 - Customer reference

Function:	Reference data #1 of customer
Title:	DELIVERY NOTE NUMBER
Content:	Associated delivery note number, assigned by ship from
Example:	<div> <div>DELIVERY NOTE NUMBER</div> <div>15004564</div> </div>

B2 - Customer routing information

The specifications of VDA 4994 apply. There is no such process in place at the moment at Lamborghini.

B3 - ETA quantity net weight gross weight

Function:	Arrival date/time according to call-off Number of modules, weights
Title:	<div>ETA</div> <div>Quantity Net weight Gross weight</div>

Content:	<p>ETA: DTM+2, Required for handling units with master label or mixed load Number of packages (including virtual packages) contained in one loading unit. Only packaging of the next inner level is counted.</p> <p>Quantity(of modules) SG11 (1) QTY+189,</p> <p>Net weight (just Master Label) SG11 MEA+AAY+AAL+KGM:9'</p> <p>Gross weight SG11 MEA+AAY+G+KGM:9'</p>									
Example: Master Label	<table><tr><td>ETA</td><td colspan="2">2021-02-04/00:00</td></tr><tr><td>QUANTITY</td><td>NET KG</td><td>GROSS KG</td></tr><tr><td>3</td><td>9</td><td>243</td></tr></table>	ETA	2021-02-04/00:00		QUANTITY	NET KG	GROSS KG	3	9	243
ETA	2021-02-04/00:00									
QUANTITY	NET KG	GROSS KG								
3	9	243								
Example: Single Label	<table><tr><td>ETA</td><td>2021-02-04/00:00</td></tr><tr><td>GROSS KG</td><td>1</td></tr></table>	ETA	2021-02-04/00:00	GROSS KG	1					
ETA	2021-02-04/00:00									
GROSS KG	1									

B4 - First and last sequence


Function:	Information about the sequences of the loading unit			
Title:	First and last sequence number Date and time of the first sequence			
Content:	First and last sequence must always be printed. Date e time of the first sequence (DTM+194) must be sent and printed if process type is JIS-IST Examples Gapless: 2956 - 2959 = all sequences 2956-2957-2958-2959 With sequence gaps: 2956 - 2959 = 2956-2958-2959			
Example:	<table><tr><td>First and last sequence no. Date and time of first sequence</td></tr><tr><td>2956 - 2959</td></tr><tr><td>2005-09-04 / 08:30</td></tr></table>	First and last sequence no. Date and time of first sequence	2956 - 2959	2005-09-04 / 08:30
First and last sequence no. Date and time of first sequence				
2956 - 2959				
2005-09-04 / 08:30				

C - Module name

Function:	Designation of the JIS module/assembly part
Title:	MODULE NAME

Content:	Module name, name of the assembly SG13 GIR+3+:XP'
Example:	GIR+3+Drawer Door Panel:XP'
	Drawer Door Panel

D1 - Package - ID

Function:	Unique package ID of each package
Title:	LICENCE PLATE
Content:	<p>License Plate from GIN+ML. The regulations of VDA 4994 GTL apply.</p> <p>The usage of GIN+BU has to be agreed with the plant. At the time of the first publication of this guideline the License Plate according to GIN+BU is not used.</p>
Example:	<p>GIN+ML: 3JUN300445116112401040</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <small>LICENCE PLATE</small> 3JUN300445116112401040  </div>

F1 - Sequence number-Production number-Call off group-KLT-Compartment info

Function:	Information about the modules in the loading unit
Title:	Seq. no. , Production no. , Call-off group, KLT, Compartment Info
Content:	<p>Sequence number (GIR+4:XO)</p> <p>Production number (GIR+4:AN)</p> <p>Call-off group (GIR+4:XA)</p> <p>KLT (GIN+:AO) position number in package, recommended if PCI+17+++3J::5</p> <p>Compartment Info (GIR+4:XQ)</p> <p>Under "Info", information on the exception status, e.g. "REORDER", is to be printed.</p> <p>A mixture of reorders and other deliveries should not take place.</p>

Example:	SEQ.NO.	PRODUCTION NO.	CALL-OFF GROUP	KLT/COMPARTMENT INFO
	2953	752385	XXXX	L00028
	2954	752199	XXXX	L00028
	2955	749758	XXXX	L00028

E1 – Optional information as defined by suppliers

The specifications of VDA 4994 apply.

G1 – Sequence number for Single Label

Function:	Information about the sequences
Title:	Sequence no.
Content:	Sequence number (GIR+4:XO) If the label refers to container/drawer with reorders inside, instead of the sequence number, “REORDER” must be printed.
Example: Sequence	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <small>SEQUENCE NO.</small> 2954 </div>
Example: REORDER	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <small>SEQUENCE NO.</small> REORDER </div>

G2 – Production Number and call-off group

Function:	Information about Production number and call-off group
Title:	Production no. Call-off group
Content:	Production number (GIR+4:AN) Call-off group (GIR+4:XA)

Example:	<table><tr><td>PRODUCTION NO.</td><td>752199</td></tr><tr><td>CALL-OFF GROUP</td><td>XXXX</td></tr></table>	PRODUCTION NO.	752199	CALL-OFF GROUP	XXXX
PRODUCTION NO.	752199				
CALL-OFF GROUP	XXXX				

5. Identification of the package and loading units

The License Plate according to VDA 4994 is used. The source is GIN+ML in the VDA 4987.

6. Explanation of the barcode, Data Matrix

6.1 1D barcode

The regulations of VDA 4994 apply.

6.2 Data Matrix

6.2.1 Symbol size

The regulations of VDA 4994 apply.

6.2.2 Character fonts

The regulations of VDA 4994 apply.

6.2.3 Message structure according to ISO 15434

The regulations of VDA 4994 apply.

6.2.4 Lamborghini specific user data for coding in the data matrix code

MASTER LABEL

User data	Source or equivalent in DESADV (VDA 4987)	Data Identifier	Comment	Example
Identification of specification	none	12P	Identification of specification (Identifies the content version according to this document. GTLJ is a fix content until a new specification requires another fix ID). The fixed content of GTLJ must not be used by the supplier to identify the 2D symbol in the supplier area E1!	12PGTLJ
Specification Version	none	9K	Specification version (Identifies the revision of this specification. 01 is a fix content until a new version of this document with impact to the syntax in code will be published).	9K01
Supplier number of the shipping plant	SG2/NAD+SF DE 3039	3L		3L350313
Unloading point ID	NAD+ST/LOC+11 DE 3225	2L		2L0815-12345
Delivery note number	SG18/RFF+AAU DE 1154	2S		2S123456789012
License plate	SG15/GIN+ML DE 7402	1J/3J/4J	DI + IAC + CID + SN The serial number must not be longer than 9 digits For DI	1JUN987654321123456789
Package type	SG11/LIN DE 7065	B		B517821
Commissa numbers / Production numbers	SG13/GIR+4 DE 7405 = AN	W		W747128

SINGLE LABEL

User data	Source or equivalent in DESADV (VDA 4987)	Data Identifier	Comment	Example
Identification of specification	none	12P	Identification of specification (Identifies the content version according to this document. GTLJ is a fix content until a new specification requires another fix ID). The fixed content of GTLJ must not be used by the supplier to identify the 2D symbol in the supplier area E1!	12PGTLJ
Specification Version	none	9K	Specification version (Identifies the revision of this specification. 01 is a fix content until a new version of this document with impact to the syntax in code will be published).	9K01
Supplier number of the shipping plant	SG2/NAD+SF DE 3039	3L		3L350313
Unloading point ID	NAD+ST/LOC+11 DE 3225	2L		2L0815-12345
Delivery note number	SG18/RFF+AAU DE 1154	2S		2S123456789012
License plate	SG15/GIN+ML DE 7402	1J/3J/4J	DI + IAC + CID + SN The serial number must not be longer than 9 digits For DI	1JUN987654321123456789
Package type	SG11/LIN DE 7065	B		B517821
Commissa number / Production number	SG13/GIR+4 DE 7405 = AN	W		W747128
Call group of the JIS module (TAG - part type group)	SG13/GIR+4 DE 7405 = XA	22P		22PFSEL
Sequence number	SG13/GIR+4 DE 7405 = XO	1W		1W7496
Compartment Info	SG13/GIR+4 DE 7405 = XQ	23P	To be printed instead of sequence number in case of REORDER	23PREORDER

7. Delivery scenarios and label content requirements

Labels are used in all processes: shipment, transport, goods receipt and internal storage. Each loading unit must be labelled according to scenarios shown in the table below.

Scenarios	Label to be printed	
	Master label	Single label
GLT with drawers*	Yes	Yes
PALLET with KLT or EPP	Yes	Yes
Single container	N/A	Yes
REORDER box	N/A	Yes

* (physical or logical drawers)

Please remind that master label has to be placed outside the container or pallet and the single label has to be placed into each dedicated plastic holder in case of KLT or outside each drawer.

8. Attachments

8.1 Appendix 1 - General overview of data fields (Excel spreadsheet)

9. References

VOLKSWAGEN

https://www.vwgroupsupply.com/one-kbp-pub/en/kbp_public/information/communication_1/edi_guidelines/basicpage_for_general_pages_html_15.html

VDA

<https://www.vda.de/en/association/organization/organization-committees/working-group-ict-and-edi/ict-and-edi-recommendations.html>

ODETTE

<https://www.odette.org/publications/category/auto-id>