

**DELPHI**

**Delphi EMEA Odette Label - Europe**



## ***Container Labeling***

Delphi Europe: Transport Label Version 1.2

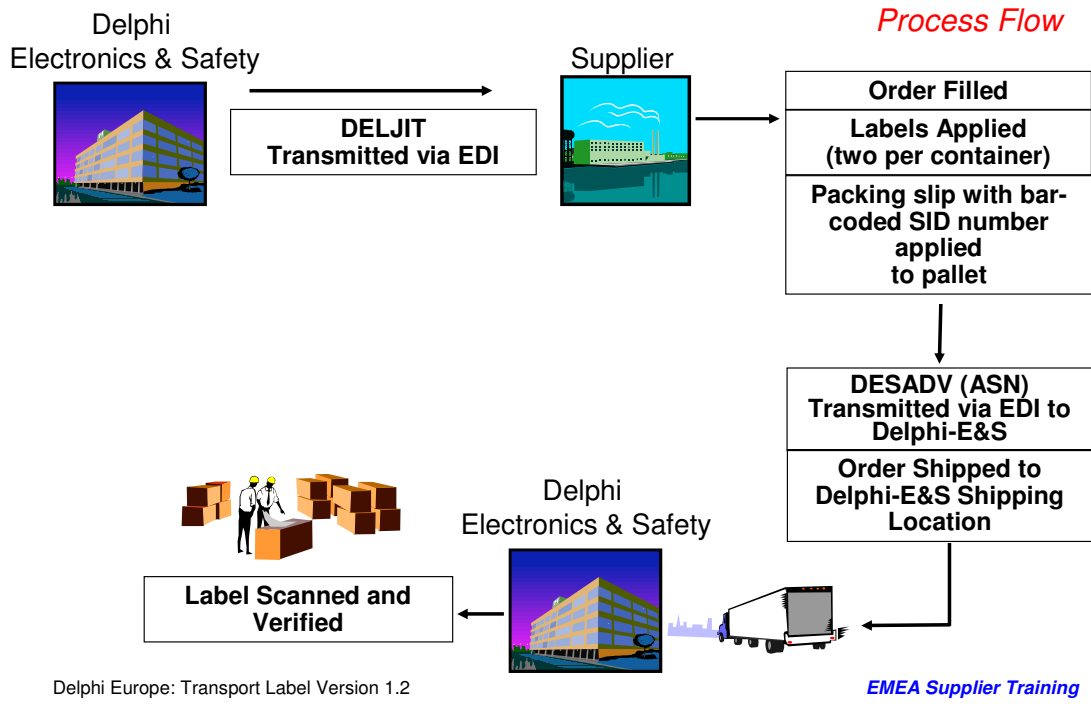
***EMEA Supplier Training***

This is a comprehensive review of Delphi Electronics & Safety labeling requirements and the impact SAP will have on suppliers concerning the container labeling process.

## AGENDA

- Delphi Europe – SAP Release 4.6
- Delphi Odette Label Standard
- Packing Slip Compliance – Shipment ID Bar Coding

# **Supplier Container Labeling**



This is the process flow for labels. Until a label is scanned and verified at the Delphi-E&S site, the supplier is responsible and will be contacted if a problem exists.

- Three types of labels
  - Container Label (Shipment or Kanban)
    - Label used to identify the contents of the container
  - Master Label
    - Label used to identify and summarize the total contents of a multiple pack of a single part number (material number) within the same container
    - Used for pallets, skids, etc., holding more than one single pack of the same part number (material number)
  - Mixed Load Label
    - Label used to identify the contents of a multiple pack of different part numbers (material numbers)
    - Used for pallets, skids, etc., holding more than one single pack of different part numbers (material numbers)

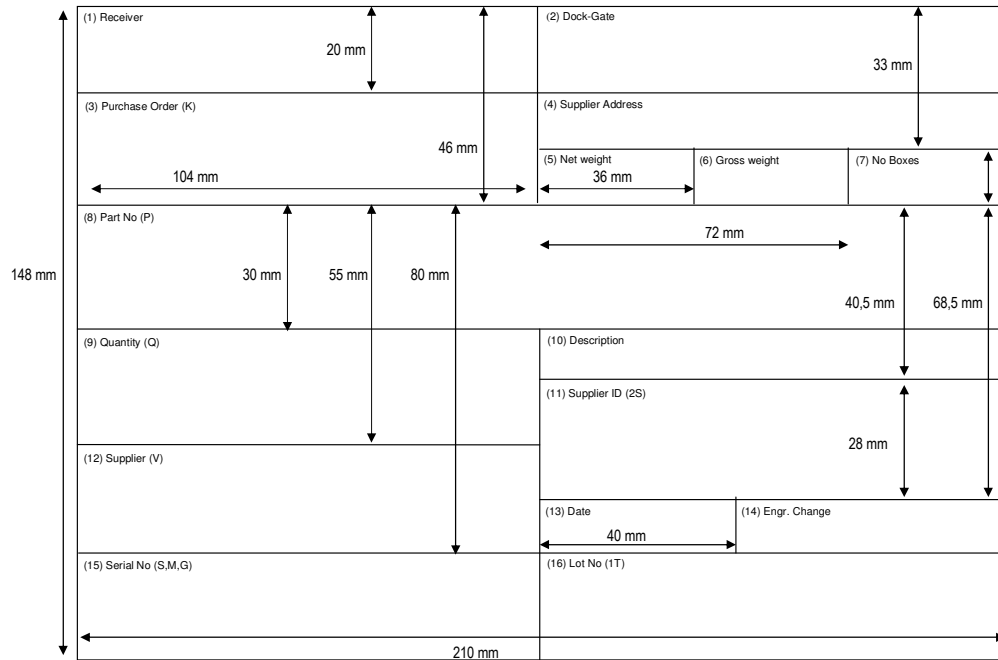
There are three types of labels required by Delphi-E&S: Container labels (Shipment and Kanban), Master labels, and Mixed Load labels.

The Master and Mixed Load labels are identifiers for receiving multiple containers on a skid or pallet.

More details on each kind are given above. The *Delphi European Odette Label Requirements Standard* provides more detailed information concerning each label type. Information on accessing this *Standard* is included at the end of this module.

Label Size: DIN A5 (210 x 148 mm)

## **Supplier Container Labeling**



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This diagram details the structure and format of the label. Dimensions of each box that will present information mapped from the DELJIT and height and width of the label itself.

## Supplier Container Labeling

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**DELJIT Example**

```
UNB+UNOA:2+DRHZZ+QQQ:ZZ+040323:0306+159++DELJIT'
UNH+1+DELJIT:D:97A:UN'
BGM+::SH+13+5'
DTM+137:20040323:102'
DTM+159:20031101:102'
DTM+159:20041231:102'
RFF+AAI:0560039786'
NAD+MI+002136823:16'
NAD+SU+006068050:16++ABC SUPPLY COMPANY'
NAD+ST+DA24:92++DELPHI D DELNOSA PLANT 1-4'
SEQ+6'
PAC++67'
PCI++4C5A2++11Z::167'
PCI++DA24++12Z::167'
PCI++0002++13Z::167'
PCI++DELPHI D DELNOSA PLANT 1-4++14Z::167'
PCI++LOS INDIOS++15Z::167'
PCI++ ++16Z::167'
PCI++HEADER-MALE R/ANGLE++17Z::167'
LIN+++16200317:IN'
LOC+11+DA24'
CTA+IC+EVIA ZANEL'
COM+986:228:7956:TE'
LOC+159+0002'
QTY+70:62400:C62'
RFF+SI:0001090:17'
DTM+11:20040226:102'
QTY+11:6000:C62'
DTM+10:20040330:102'
UNT+29+3'
UNZ+3+159'
```

```
Interchange Header DELPHI MAILBOX ID:ZZ; SUPPLIER MAILBOX ID'
Message Header 1, Document Type, Version
EDI Release Number, SH for Shipment Based
Document issue date
Horizon start date
Horizon end date
DELPHI SCHEDULING AGREEMENT
Delphi Divisional DUNS number (may differ per plant or division)
Supplier DUNS number and name
DELPHI SHIP TO LOCATION
Sequence Details
Tagging/Bar Code instructions indicator
Label shipping marks - Storage Location
Label shipping marks - Plant Code
Label shipping marks - Storage Bin
Label shipping marks - Delphi Plant Name
Label shipping marks - Delphi Plant City
Label shipping marks - (reserved)
Label shipping marks - Product Description
DELPHI MATERIAL NUMBER
Receiving dock
Contact information
Communication contact
Material handling code/Line feed location
Cumulative quantity received by Delphi
Last SID received
Date of last ASN received
Discrete quantity
Shipment date/time requested
End Message 3
End Interchange Header
```

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The DEJIT will be used to mapped required information onto the Container, Master and Mixed Load label. Certain PCI segments are called out in the instruction to help supplier understand the mapping of the information from the DELJIT to the information areas on the labeling as required.

**Sample: Container Label***Supplier Container Labeling*

(1) Receiver Delphi Packard Hungary Kft. Zanati u. 29/A H-9700, Szombathely		(2) Dock-Gate <b>H004 / 0010 / BIN</b>	
(3) Purchase Order (K) <b>550000000</b> 		(4) Supplier Address <b>Test Supplier AG, Samplecity</b>	
(6) Part No (P) <b>9098552</b> 		(5) Net weight <b>12 kg</b>	(6) Gross weight <b>13 kg</b>
(9) Quantity (Q) <b>1200</b> 		(7) No Boxes <b>1</b>	
(12) Supplier (V) <b>316237361</b> 		(10) Description <b>Sample Part</b>	
(15) Serial No (S)  <b>123456789</b>		(11) Shipment ID (2S)  <b>123456789</b>	
		(13) Date <b>P 2004-09-01</b>	(14) Engr. Change
		(16) Lot No (1T)  <b>3333333333</b> <small>Odette Ver. 1 Rev. 4 (Delphi Europe VEGA2)</small>	

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Sample Container Label:

Label used to identify the contents of a container

Specifications for this label are in the Delphi European Odette Label Standard Version 1, revision 2

**EDI and Data Reference for Shipment-Based DELJIT:**

	Ref#	Field Identifier	Barcode Identifier	EDI Message	Segment
Plant code	(2)	Dock-Gate	-N/A-	DELJIT	PCI...12Z
DLOC	(2)	Dock-Gate	-N/A-	DELJIT	PCI...11Z
Storage Bin	(2)	Dock-Gate	-N/A-	DELJIT	PCI...13Z
<b>Purchase Order</b>	<b>(3)</b>	<b>Purchase Order</b>	<b>K</b>	<b>DELJIT</b>	<b>RFF+AAN...</b>
Net weight	(5)	Net weight	-N/A-	DESADV	MEA+AAX+N...
Gross weight	(6)	Gross weight	-N/A-	DESADV	MEA+AAX+G...
Part number	(8)	Part Number	P	DELJIT	LIN...
Part description	(10)	Description	-N/A-	DELJIT	PCI...17Z
Supplier	(12)	Supplier DUNs	V	DELJIT	NAD+SU...
Shipment ID (SID)	(11)	Shipment ID	2S	DESADV	BGM...
Serial Number	(15)	Container Serial No( )	S, M or G	DESADV	GIIR+3...AW

## **Supplier Container Labeling**

### **Sample: Kanban Label**

(1) Receiver Delphi Packard Hungary Kft. Zanati u. 29/A H-9700, Szombathely		(2) Dock-Gate <b>H004 / 0010 / BIN</b>	
(3) Kanban ID (15K) <b>123000000</b> 		(4) Supplier Address <b>Test Supplier AG, Samplecity</b>	
		(5) Net weight <b>12 kg</b>	(6) Gross weight <b>13 kg</b>
		(7) No Boxes <b>1</b>	
(8) Part No (P) <b>9098552</b> 			
(9) Quantity (Q) <b>1200</b> 		(10) Description <b>Sample Part</b>	
(12) Supplier (V) <b>316237361</b> 		(11) Shipment ID (2S)  <b>123456789</b>	
		(13) Date <b>P 2004-09-01</b>	(14) Engr. Change
(15) Serial No (S)  <b>123456789</b>		(16) Lot No (1T)  <b>3333333333</b>	

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### Kanban Label

There are only a few suppliers that will be shipping what we call KANBAN.

You will map your container label just like the shipment based label

### Exception

In information block (3) you will notice that there is information for KANBAN call instead of a P O number.

As the supplier receives the DELJIT, they will return information to the container label following using the GIR segment as follows

**GIR+3...AL**

**EDI and Data Reference for Kanban-Based DELJIT:**

	Ref#	Field Identifier	Barcode Identifier	EDI Message	Segment
Plant code	(2)	Dock-Gate	-N/A-	DELJIT	PCI...12Z
DLOC	(2)	Dock-Gate	-N/A-	DELJIT	PCI...11Z
Storage Bin	(2)	Dock-Gate	-N/A-	DELJIT	PCI...13Z
<b>Kanban ID</b>	<b>(3)</b>	<b>Kanban ID</b>	<b>15K</b>	<b>DELJIT</b>	<b>GiR+3...AL</b>
Net weight	(5)	Net weight	-N/A-	DESADV	MEA+AAX+N...
Gross weight	(6)	Gross weight	-N/A-	DESADV	MEA+AAX+G...
Part number	(8)	Part Number	P	DELJIT	LIN...
Part description	(10)	Description	-N/A-	DELJIT	PCI...17Z
Supplier	(12)	Supplier DUNs	V	DELJIT	NAD+SU...
Shipment ID (SID)	(11)	Shipment ID	2S	DESADV	BGM...
Serial Number	(15)	Container Serial No( )	S, M or G	DESADV	GiR+3...AW

**Sample: Master Load Label****Supplier Container Labeling**

(1) Receiver Delphi Packard Hungary Kft. Zanati u. 29/A H-9700, Szombathely		(2) Dock-Gate <b>H004 / 0010 / BIN</b>	
(3) Purchase Order (K) <b>550000000</b> 		(4) Supplier Address <b>Test Supplier AG, Samplecity</b>	
(8) Part No (P) <b>9098552</b> 		(5) Net weight <b>36 kg</b>	(6) Gross weight <b>39 kg</b>
(9) Quantity (Q) <b>1200</b> 		(7) No Boxes <b>3</b>	
(12) Supplier (V) <b>316237361</b> 		(10) Description <b>Sample Part</b>	
(15) Serial No (M)  <b>123456789</b>		(11) Shipment ID (2S)  <b>123456789</b>	
		(13) Date <b>P 2004-09-01</b>	(14) Engr. Change
		(16) Lot No (1T)  <b>3333333333</b> <small>Odette Ver. 1 Rev. 4 (Delphi Europe VEGA2)</small>	

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**EMEA Supplier Training****Master Load Label**

Label used to identify and summarize the total contents of a multiple pack of a single Delphi part number (material number) within the same container shipping to a single destination.

**Sample: Mixed Load Label****Supplier Container Labeling**

(1) Receiver Delphi Packard Hungary Kft. Zanati u. 29/A H-9700, Szombathely		(2) Dock-Gate <b>H004 / 0010 / BIN</b>	
(3) Shipment ID (2S) <b>123456789</b> 		(4) Supplier Address <b>Test Supplier AG, Samplecity</b>	
(8) Part No (P)		(5) Net weight <b>36 kg</b>	(6) Gross weight <b>39 kg</b>
		(7) No Boxes <b>3</b>	
(9) Quantity (Q)		(10) Description	
		(11)	
(12) Supplier (V) <b>316237361</b> 		(13) Date <b>D 2004-10-01</b>	
(15) Serial No (G)  <b>123456789</b>		(14) Engr. Change	
		(16) Lot No (1T)	
Odette Ver 1 Rev. 4 (Delphi Europe VEGA2)			

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**EMEA Supplier Training****Mixed Load Label**

Label used to identify the contents of a multiple single packs of different part number (material numbers) shipping to a single destination.

This label is used when shipping multiple containers on a skid or pallet of two part numbers or more to a single destination.

## Quiz

**MODEL 09356104A34F****\*AB6789L12126A34F\***

### Is this a good label?

Here is a sample of a bar code label.

Can you tell if this bar code is in scope just by looking at it?

## Answer

- You can't tell if a label is compliant just by looking at it.
- You must use tools to determine whether a label is good. Those tools are:
  - Scanner - every label gets a scan
  - Verifier - checks label quality
  - Master sample - first time verification

The common rule to consider when creating and applying labeling to Delphi shipments:

If the supplier can read the label, Delphi can read the label

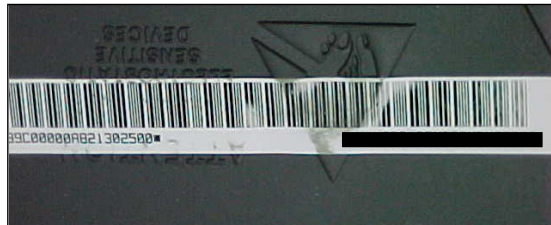
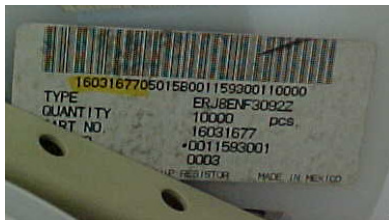
If the supplier can scan the bar codes, Delphi can scan the bar codes

## Common Label Errors

- Damaged labels



- ◆ Unscannable labels



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Example of common label errors that can occur at receiving sites

Label errors or incorrect labeling will slow down or in most cases cause manual receipt to be created to received shipment.

***CONTAINER LABELING COMPLIANCE CHECKLIST***

- ☐ Print and use the most current version of the Delphi European Odette Labeling Standard
- ☐ Work with Delphi Electronics & Safety (E&S) designated Label Team member to certify required labeling for incoming shipments to your Delphi E&S plant (s)
- ☐ Suppliers must certify a container, master load, mixed load label and/or Kanban if required
- ☐ Supplier will receive approval and certification notification from designated Delphi E&S Label Team member

Suppliers should be encouraged to use this checklist prior to shipping to Delphi facilities

Checklist will ensure that supplier has completed all the required tasks prior to shipping into Delphi facilities.

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## *Packing Slip Compliance*

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Presentation on Supplier requirement for Shipment ID # (SID #) to be bar coded onto the supplier packing slip or delivery note.

The Shipment ID # bar code will support the SAP receiving process and supplier payment accuracy.

### **Packing Slip Compliance**

- Each packing slip MUST have unique number called a SID # (Shipment IDentification number) barcode
  - SID # is assigned by Supplier
  - SID # does not need to be in sequential order
  - The barcode SID # on the packing slip links the ASN sent by supplier for receiving purposes
  - SID # SHALL NOT be repeated on another packing slip within twelve-month period
  - SID # SHALL be exact same number as sent in ASN transaction. (Example, if ASN SID Number is 1234567890, then the barcoded Packing Slip SID Number SHALL read 2S1234567890 (2S data identifier is part of the bar code but not included in the BGM segment of the DESADV)

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This is a continuation from the previous page concerning Delphi-E&S packing slip requirements.

## Packing Slip Compliance

◆ **Must contain the Delphi Part Number and SA/PO Number (from DELJIT)**

◆ **Shipment ID (SID) Barcode**

- SHALL be in upper right corner of the supplier Packing Slip
- Will be directly above SID human readable
- Supplier to use current packing slip format with barcode modification
- Code 39 – Bar Code Symbology

**Human readable information:  
Minimum of 10 point font**

**(2S) Data Identifier: Required**

**SID is the number transmitted in  
the BGM segment of the  
DESADV. Cannot be repeated  
within a 12-month timeframe**

**Barcode contains SID preceded  
by (2S) Data Identifier. Max of 10  
characters  
Example: 2S1234567890**

**Manufacturing DUNs Number is  
required**

### Packing Slip



SID (2S) # 1234567890

Ship To: Delphi  
5820 Delphi Drive  
Troy, MI 48098

Ship From: Vendor X

123 One Street  
Troy, MI 48098

Part Number  
Xyz

Manufacturing DUNs Number  
793255852

Qty  
100 EA

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The Shipment Identification Number (SID) is a unique number assigned by the supplier and does not need to be in sequential order. It is returned on the packing slip and shall be barcoded with Barcode Symbology 39. This number will link the barcode data on the packing slip to the DESADV (ASN) sent by the supplier for receiving purposes.

The SID number shall not be repeated to Delphi-E&S on another packing slip within a 12-month period. The SID number has a maximum length of 10 alphanumeric characters with a data identifier (2S).

It is very important that the human readable information associated with the barcode is clear and appears on every packing slip. For example: If the barcode cannot be scanned, a manual entry using the human readable characters will need to occur to complete the receiving process.

The Manufacturing DUNs number, per part number, is required on the packing slip.

## Packing Slip Requirements Checklist

- ☐ SID bar code requirement is not part of the European Odette Labeling Standard
  - ☐ Documentation for the SID bar code requirement located on the Delphi E&S Supplier Training Webpage  
[https://www.delphisuppliers.com/vendor\\_documents/delphi-d/Vega2/index.html](https://www.delphisuppliers.com/vendor_documents/delphi-d/Vega2/index.html)
- ☐ Packing Slip must be included with every shipment
- ☐ Packing Slip must be on the outermost surface of shipment
- ☐ Preferably in a sleeve marked “Packing Slip Enclosed”
- ☐ Must include a unique Shipment Identification Number (SID) that is bar-coded on the Packing Slip
- ☐ Must clearly indicate the Delphi material numbers (part numbers), total quantity shipped, unit of measure, and Manufacturing DUNs number per material number

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Suppliers must comply to all Delphi-E&S packing slip requirements.

This is not on the web site and is not part of the Delphi European Odette Label Standards.

Approval and certification of your SID # bar code will be performed by the designated Label Certification Team member for this launch.

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# Questions and Answers

If you have additional questions regarding the training session, please contact the  
Delphi Electronics & Safety VEGA Support Team:  
**[delco.vega.support.kokomo@delphi.com](mailto:delco.vega.support.kokomo@delphi.com)**

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