



# **Guidelines & message examples**

## **Volvo's subset of DESADV D 00A**

**(Global DESADV)**

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## **GENERAL INFORMATION**

### **Global DESADV specifications**

The specifications regarding Global DESADV can be obtained from the Internet:

- The Joint Automotive Industries (JAI) Global DESADV. Based on EDIFACT Directory, D00A. – [Odette International Homepage](http://www.odette.se)
- The Swedish Odette subset of Global DESADV – [www.odette.se](http://www.odette.se).
- The Volvo profile of the Global DESADV – [www.volvo.com/edi](http://www.volvo.com/edi) (click specifications).

### **The purpose and basic function of the message**

The purpose of the despatch advice is for the "Ship from" to provide the "Ship to" with detailed information regarding the actual content of the shipment.

The message is based upon the definition of a despatch as a specified amount of goods sent by a specified "Ship from" to a specified "Ship to" on a specific occasion.

Notification is to be given of deliveries to all Volvo units.

The message gives the following information:

- The actual time for despatch.
- Specific information concerning transportation.
- The actual packages in the despatch.
- The contents of the despatch.
- The necessary documentation for customs clearance.

### Additions to Volvo's Global DESADV (D00A), document date 2008-04-18

- RFF 1153. New code CR = Volvo's module reference number (Sequence) or reference to KANBAN message number (KANBAN).
- GIN 7405. New code AL = Kanban card number (from KANBAN message).

Differences between Volvo's Global DESADV and the Volvo EDIFACT message (D96A, v4)

- Party Consignee, NAD 3035, value CN is changed to Ship To, NAD 3035, value ST.
- Party Consignor, NAD 3035, value CZ is changed to Ship From, NAD 3035, value SF.
- Transport document reference, RFF 1153. New qualifiers added for use in US, AWB and BM.
- Carrier, NAD 3055, new Agency code, 167. Used in US when SCAC-code is applied.
- TDT-segment. New segment for use in US after special agreement.
- PCI 7511. New codes added, 1J, 5J, 6J, to be used when license plate is required.
- PCI 3055. New Agency codes added, 5 and 10.
- RFF 1153 Reference to Outer Package (Handling Unit). Code changed from AAT to ACI.
- GIR 7405 Marking/Label number is moved to GIN 7405.
- LIN 1222 changed to "Not used".
- ALI-segment changed from required to dependent.

**Creation of a Despatch Advice**

A despatch advice shall state the actual contents of a despatch.

Notification must therefore not be made until the actual loading procedure is completed and no later than one hour after the goods have been despatched.

All articles from one "Ship from" to one "Place of discharge" on one and the same delivery occasion shall be specified on one and the same despatch advice (Global DESADV).

In the event that the quantity of goods defined in a particular despatch is too large to be accommodated in its entirety on one vehicle/trailer/container etc., it is necessary to redefine the despatch so that it relates only to the vehicle/trailer/container etc. on which it is being transported.

## **Detailed Information about Packaging**

### Package and Handling Units

Two key expressions concerning the packaging:

#### **Package Unit (S-Label)**

A package unit is a unit in which the article itself is loaded. The package unit is always placed on a Non Simplified Handling Unit.

#### **Handling Unit**

- **Simplified Handling Unit (S-Label)**  
Consists of one package which is a handling unit at the same time.
- **Non Simplified Handling Unit**  
Consists of one or more packages which are not handling units at the same time.

The Non Simplified Handling Unit can be of two kinds:

- **Homogenous Handling Unit (M-Label)**  
Consists of one unique article number.
- **Mixed Handling Unit (G-Label)**  
Consists of more than one article number.

### Rules for different packing situations

#### CPS loop if:

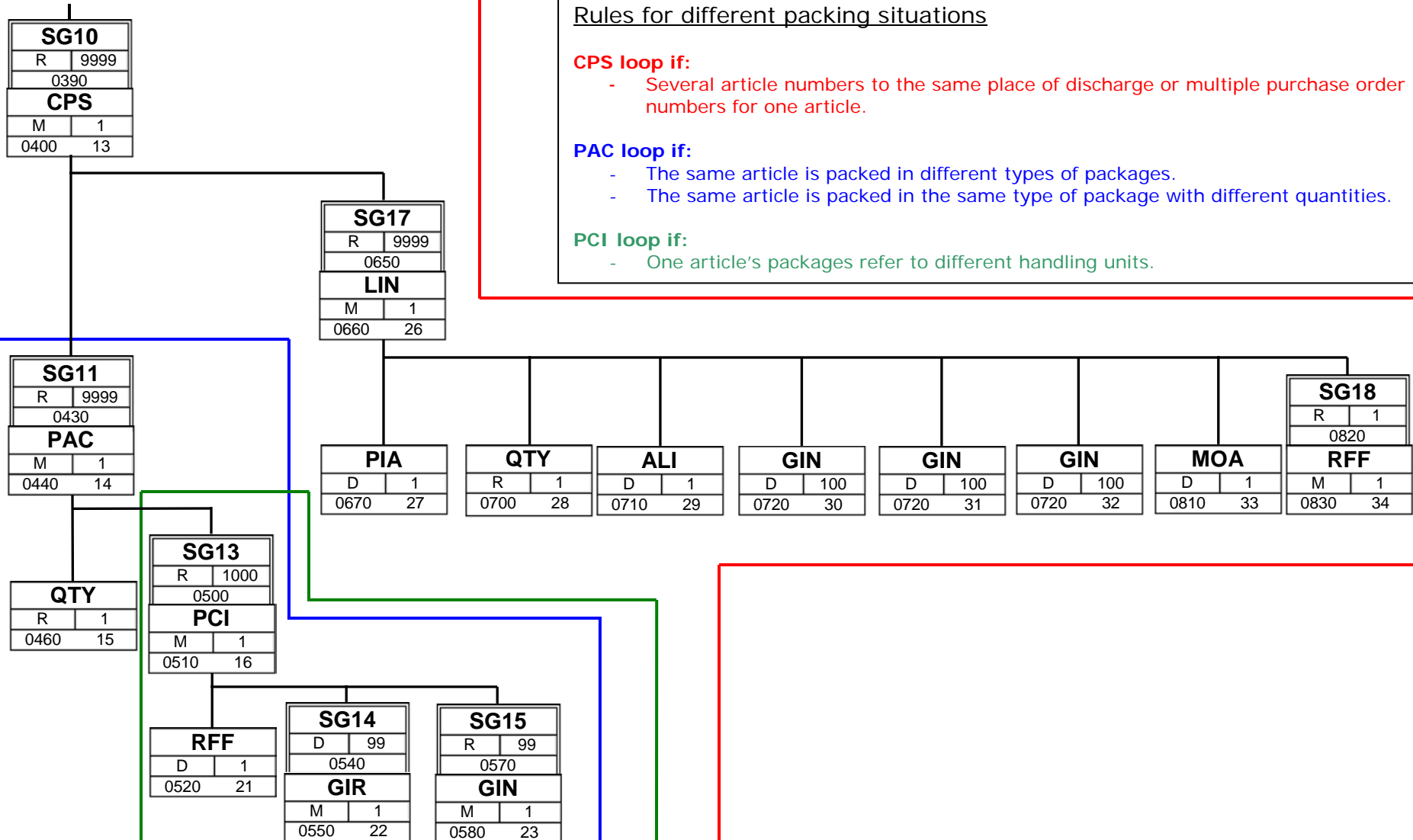
- Several article numbers to the same place of discharge or multiple purchase order numbers for one article.

#### PAC loop if:

- The same article is packed in different types of packages.
- The same article is packed in the same type of package with different quantities.

#### PCI loop if:

- One article's packages refer to different handling units.



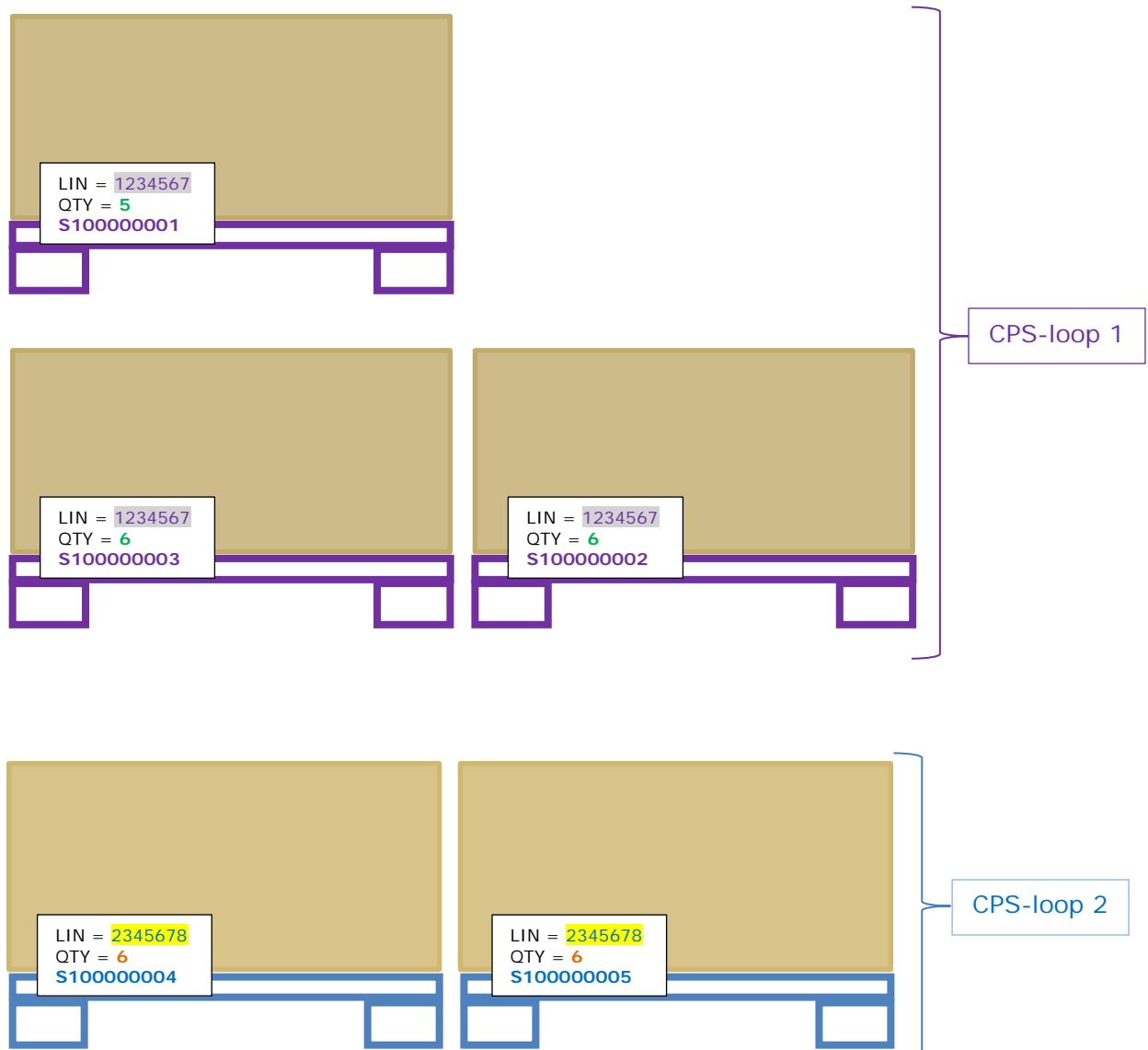
## EXAMPLES

## Global DESADV – Simplified Handling Unit (S)

This example is a despatch advice (simplified handling unit delivery) message from supplier/seller 23456 to Volvo's plant 1001.

*** Initial service segment according to ISO/EDIFACT ***	
UNH+1+DESADV:D:00A:UN:GMI021'	Service segment – Message header
BGM+351+100001'	Despatch Advice Number
DTM+137:201305160854:203'	Despatch Date and Time
MEA+AAX+AAD+KGM:322'	Consignment measurement – Total gross weight
MEA+AAX+ABJ+MTQ:2.992'	Consignment measurement – Volume
RFF+AAS:65000497'	Transport Document Number
NAD+ST+1001::92'	Ship To
LOC+11+020::92'	Place of Discharge
NAD+SE+23456::92'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
CPS+1++1'	Line number for inner package and 1 article number
PAC+1++NIL::92'	Number of Packages, Package Type
QTY+52:5:C62'	Quantity of Articles in the Package
PCI++++S::10'	Handling Unit Category (Simplified)
GIN+ML+10000001'	Package Label Number
PAC+2++NIL::92'	Handling Unit Category (Simplified)
QTY+52:6:C62'	Quantity of Articles in the Package
PCI++++S::10'	Handling Unit Category (Simplified)
GIN+ML+10000002+10000003'	Package Label Number
LIN+++1234567:IN'	Buyer's Article number
QTY+12:17:C62'	Despatch Quantity
ALI+SE'	Country of Origin
RFF+ON:435912345020'	Buyer's Order number
LOC+159+F-11 020::92'	Additional Internal Destination
CPS+2++1'	Line number for inner package and 1 article number
PAC+2++NIL::92'	Number of Packages, Package Type
QTY+52:6:C62'	Quantity of Articles in the Package
PCI++++S::10'	Handling Unit Category (Simplified)
GIN+ML+10000004+10000005'	Package Label Number
LIN+++2345678:IN'	Buyer's Article number
QTY+12:18:C62'	Despatch Quantity
ALI+SE'	Country of Origin
RFF+ON:435912345020'	Buyer's Order number
LOC+159+F-11 020::92'	Additional Internal Destination
UNT+36+1'	Service Segment – Message trailer
*** Trailer service segment according to ISO/EDIFACT ***	



Simplified – Loaded on the handling units

Simplified Handling Unit – Transport label example

<small>Receiver</small> <b>VOLVO LASTVAGNAR AB TUE</b>		<small>Dock / Gate</small> <b>F-11 020</b>	
<small>Advice Note No (N)</small> <b>100001</b> 		<small>Supplier name &amp; address</small> <b>Supplier</b>	
<small>Part Number (P)</small> <b>1234567</b> 		<small>Net Weight (Kg)</small> <b>6.0</b>	<small>Gross Weight (Kg)</small> <b>27.0</b>
<small>Quantity (Q)</small> <b>6</b> 		<small>Description</small> <b>PART DESCRIPTION</b>	
<small>Supplier (V)</small> <b>23456</b> 		<small>Logistic Reference</small>	
<small>Serial Number (S)</small> <b>10000002</b> 		<small>Date</small> <b>D130516</b>	<small>Eng. Change</small>
		<small>Batch no (H)</small>	

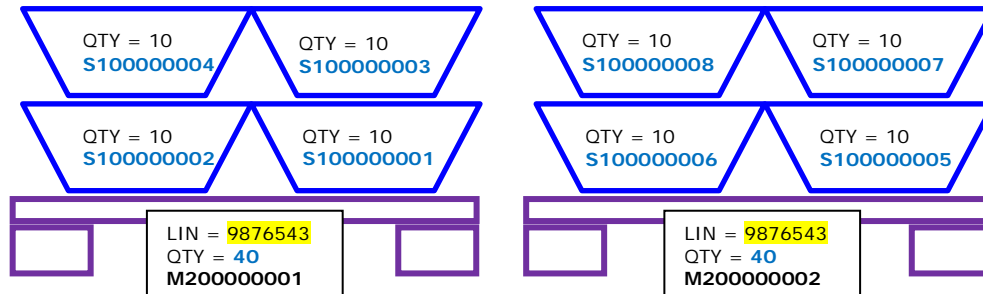
1 Simplified Handling Unit (S) Label attached to the pallet.

## Global DESADV – Homogenous Handling Unit (M)

This example is a despatch advice (homogenous handling unit delivery) message from supplier/seller 23456 to Volvo's plant 1001.

*** Initial service segment according to ISO/EDIFACT ***	
UNH+1+DESADV:D:00A:UN:GMI021'	Service segment – Message header
BGM+351+100001'	Despatch Advice Number
DTM+137:201305160854:203'	Despatch Date and Time
MEA+AAX+AAD+KGM:108.4'	Consignment measurement – Total gross weight
MEA+AAX+ABJ+MTQ:2.992'	Consignment measurement – Volume
RFF+AAS:65000497'	Transport Document Number
NAD+ST+1001::92'	Ship To
LOC+11+020::92'	Place of Discharge
NAD+SE+23456::92'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
CPS+1++1'	Line number for inner package and 1st article number
PAC+8++100780::92'	Number of Packages, Package Type
QTY+52:10:C62'	Quantity of Articles in the Package
PCI++++M::10'	Handling Unit Category (Homogenous)
RFF+ACI: 200000001'	Reference to Handling Unit.
GIN+ML+100000001+100000002+100000003+100000004'	Package Label Number
PCI++++M::10'	Handling Unit Category (Mixed)
RFF+ACI:200000002'	Reference to Handling Unit.
GIN+ML+100000005+100000006+100000007+100000008'	Package Label Number
LIN+++9876543:IN'	Buyer's Article number
QTY+12:80:C62'	Despatch Quantity
ALI+PL'	Country of Origin
RFF+ON:436012345020'	Buyer's Order number
LOC+159+F-11 020::92'	Additional Internal Destination
UNT+26+1'	Service Segment – Message trailer
*** Trailer service segment according to ISO/EDIFACT ***	

### Homogenous – Loaded on the handling units



### Homogenous Handling Unit – Transport lable example

Receiver <b>VOLVO LASTVAGNAR AB TUVE</b>		Dish / Date <b>F-11 020</b>	
Article Note No (N) <b>100001</b>		Supplier name & address <b>Supplier</b>	
		Net Weight (kg) <b>24.0</b>	Gross Weight (kg) <b>54.2</b>
Part Number (P) <b>9876543</b>		No. of boxes <b>4</b>	
Quantity (Q) <b>40</b>	Description <b>PART DESCRIPTION</b>		
	Logistic Reference		
Supplier (V) <b>23456</b>	Lot <b>D130516</b> Eng. Change		
Serial Number (S) <b>200000001</b>	Batch no (B)		

2 Homogenous Handling Unit (M) Label attached to the pallet.

Receiver		Dish / Date	
Article Note No (N)		Supplier name & address <b>Supplier</b>	
		Net Weight (kg) <b>6.0</b>	Gross Weight (kg) <b>8.3</b>
Part Number (P) <b>9876543</b>		No. of boxes <b>1</b>	
Quantity (Q) <b>10</b>	Description <b>PART DESCRIPTION</b>		
	Logistic Reference		
Supplier (V) <b>23456</b>	Lot <b>D130516</b> Eng. Change		
Serial Number (S) <b>100000001</b>	Batch no (B)		

3 Corresponding Package Unit (S) Label attached to the box (that is placed on the pallet).

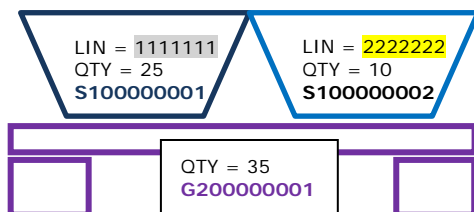
**Note: For Renault Trucks SAS receivers, information in the shipping fields must be given!**

## Global DESADV – Mixed Handling Unit (G)

This example is a despatch advice (mixed handling unit delivery) message from supplier/seller 99999 to Volvo's plant 1001.

*** Initial service segment according to ISO/EDIFACT ***	
UNH+1+DESADV:D:00A:UN:GMIO 21'	Service segment – Message header
BGM+351+100001'	Despatch Advice Number
DTM+137:201305160854:203'	Despatch Date and Time
MEA+AAX+AAD+KGM:60.6'	Consignment measurement – Total gross weight
MEA+AAX+ABJ+MTQ:2.992'	Consignment measurement – Volume
RFF+AAS:65000497'	Transport Document Number
NAD+ST+1001::92'	Ship To
LOC+11+020::92'	Place of Discharge
NAD+SE+99999::92'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
CPS+1++1'	Line number for inner package and 1st article number
PAC+1++100780::92'	Number of Packages, Package Type
QTY+52:25:C62'	Quantity of Articles in the Package
PCI++++G::10'	Handling Unit Category (Mixed)
RFF+ACI:200000001'	Reference to Handling Unit.
GIN+ML+100000001'	Package Label Number
LIN+++1111111:IN'	Buyer's Article number
QTY+12:25:C62'	Despatch Quantity
ALI+PL'	Country of Origin
RFF+ON:435942710020'	Buyer's Order number
LOC+159+F-11 020::92'	Additional Internal Destination
CPS+2++1'	Line number for inner package and 1st article number
PAC+1++100780::92'	Number of Packages, Package Type
QTY+52:10:C62'	Quantity of Articles in the Package
PCI++++G::10'	Handling Unit Category (Mixed)
RFF+ACI:200000001'	Reference to Handling Unit.
GIN+ML+100000002'	Package Label Number
LIN+++2222222:IN'	Buyer's Article number
QTY+12:10:C62'	Despatch Quantity
ALI+PL'	Country of Origin
RFF+ON:435942710020'	Buyer's Order number
LOC+159+F-11 020::92'	Additional Internal Destination
UNT+34+1'	Service Segment – Message trailer
*** Trailer service segment according to ISO/EDIFACT ***	

### Mixed – Loaded on the handling unit



### Mixed Handling Unit – Transport label example

Receiver <b>VOLVO LASTVAGNAR AB TUVE</b>		Deck / Date <b>F-11 020</b>	
Address Note No (S) <b>100001</b>		Supplier name & address <b>Supplier</b>	
		Net Weight (Kg) <b>39.6</b>	Gross Weight (Kg) <b>60.6</b>
Part Number (P) <b>1111111</b>		No. of boxes <b>2</b>	
Quantity (Q) <b>25</b>		Description <b>PART DESCRIPTION</b>	
Supplier (Y) <b>99999</b>		Logistic Reference <b>D130516</b>	
Serial Number (S) <b>100000001</b>		Emp. Change <b>D130516</b>	
		Batch no (B)	

4 Mixed Handling Unit (G) Label attached to the pallet

Receiver		Deck / Date	
Address Note No (S)		Supplier name & address <b>Supplier</b>	
		Net Weight (Kg) <b>25.0</b>	Gross Weight (Kg) <b>27.3</b>
Part Number (P) <b>1111111</b>		No. of boxes <b>1</b>	
Quantity (Q) <b>25</b>		Description <b>PART DESCRIPTION</b>	
Supplier (Y) <b>99999</b>		Logistic Reference <b>D130516</b>	
Serial Number (S) <b>100000001</b>		Emp. Change <b>D130516</b>	
		Batch no (B)	

5 Corresponding Package Unit (S) Label attached to the box (that is placed on the pallet).

Receiver		Deck / Date	
Address Note No (S)		Supplier name & address <b>Supplier</b>	
		Net Weight (Kg) <b>10.0</b>	Gross Weight (Kg) <b>12.3</b>
Part Number (P) <b>2222222</b>		No. of boxes <b>1</b>	
Quantity (Q) <b>10</b>		Description <b>PART DESCRIPTION</b>	
Supplier (Y) <b>99999</b>		Logistic Reference <b>D130516</b>	
Serial Number (S) <b>100000002</b>		Emp. Change <b>D130516</b>	
		Batch no (B)	

6 Corresponding Package Unit (S) Label attached to the box (that is placed on the pallet).

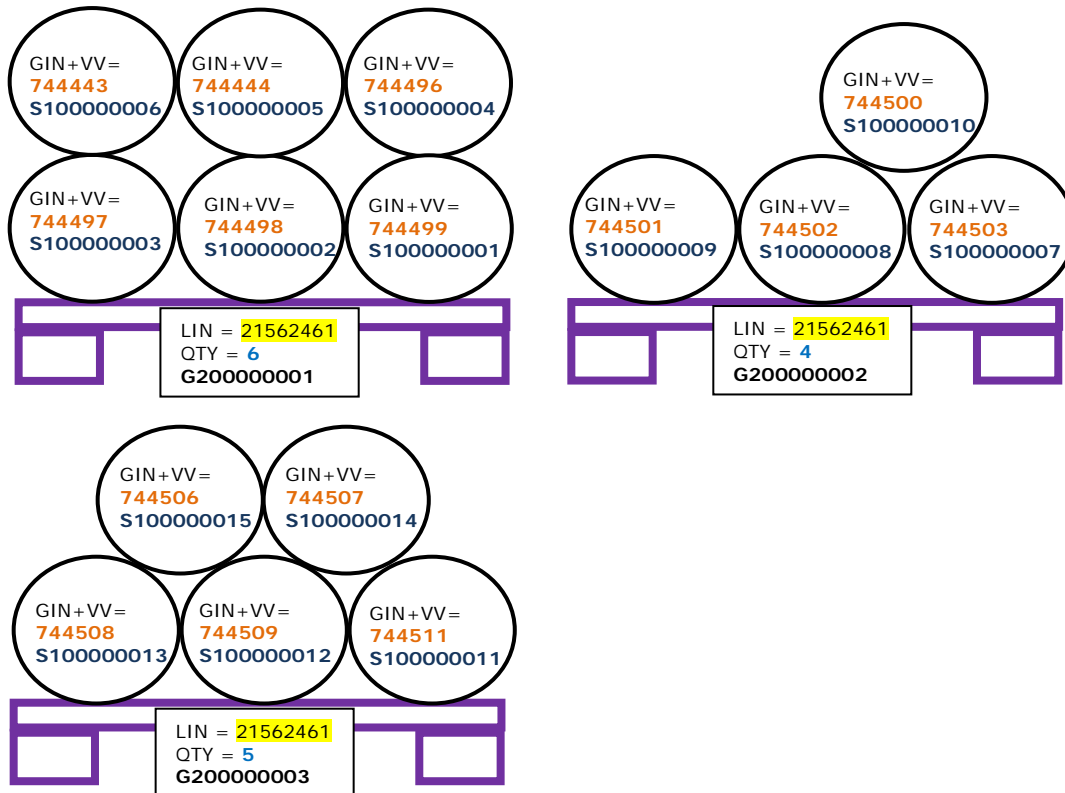
Note: For Renault Trucks SAS receivers, information in the shipping fields must be given on the Package Unit Labels (S)!

## Global DESADV – SEQUENCE

This example is a despatch advice (sequence delivery) message from supplier/seller 23456 to Volvo's plant 1001.

*** Initial service segment according to ISO/EDIFACT ***	
UNH+1+DESADV:D:00A:UN:GMI021'	Service segment – Message header
BGM+351+100001'	Despatch Advice Number
DTM+137:201305160854:203'	Despatch Date and Time
MEA+AAX+AAD+KGM:107'	Consignment measurement – Total gross weight
MEA+AAX+ABJ+MTQ:4.488'	Consignment measurement – Volume
RFF+AAS:65000497'	Transport Document Number
NAD+ST+1001::92'	Ship To
LOC+11+020::92'	Place of Discharge
NAD+SE+23456::92'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
CPS+1++1'	Line number for inner package and 1st article number
PAC+15++NIL::92'	Number of Packages, Package Type
QTY+52:1:C62'	Quantity of Articles in the Package
PCI++++G::10'	Handling Unit Category (Mixed)
RFF+ACI:200000001'	Reference to Handling Unit.
GIN+ML+100000001+100000002+100000003+100000004+100000005'	Package Label Number
GIN+ML+100000006'	Package Label Number
PCI++++G::10'	Handling Unit Category (Mixed)
RFF+ACI:200000002'	Reference to Handling Unit.
GIN+ML+100000007+100000008+100000009+100000010'	Package Label Number
PCI++++G::10'	Handling Unit Category (Mixed)
RFF+ACI:200000003'	Reference to Handling Unit.
GIN+ML+100000011+100000012+100000013+100000014+100000015'	Package Label Number
LIN+++21562461:IN'	Buyer's Article number
QTY+12:15:C62'	Despatch Quantity
ALI+PL'	Country of Origin
GIN+VV+744443+744444+744496+744497+744498'	Vehicle Identification Number
GIN+VV+744499+744500+744501+744502+744503'	Vehicle Identification Number
GIN+VV+744506+744507+744508+744509+744511'	Vehicle Identification Number
RFF+ON:435942710020'	Buyer's Order number
RFF+CR:1234567'	Volvo's module reference number
LOC+159+LB21 27100 020::92'	Additional Internal Destination
UNT+34+1'	Service Segment – Message trailer
*** Trailer service segment according to ISO/EDIFACT ***	

### SEQUENCE – Loaded on the handling units



### SEQUENCE – Transport lable example

Receiver <b>VOLVO LASTVAGNAR AB TUBE</b>		Deck / Gate <b>LB21 27100 020</b>	
Advice Note No (N) <b>100001</b> 		Supplier name & address <b>Supplier</b>	
		Net Weight (Kg) <b>24.0</b>	Gross Weight (Kg) <b>54.2</b>
		No. of boxes <b>6</b>	
Part Number (P) <b>SEQUENCE</b>			
Quantity (Q) <b>6</b> 		Description <b>PART DESCRIPTION</b>	
Supplier (V) <b>23456</b> 		Vehicle ID/Assembly date/time <b>744443 - 744499 130517 08:15</b>	
Serial Number (G) <b>200000001</b> 		Date <b>D130516</b>	
		Eng. Change <b></b>	
		Batch no (H) <b></b>	

7 Mixed Handling Unit (G) Label attached to the pallet



***Unique Item Label***

There is no standardization of the layout (of the Unique Item Label). It can differ in many ways due to the different sizes and materials of parts.

The unique item label layout should therefore be decided in agreement with the goods receiver (consignee).

Below is an example of the Unique Item label, containing the basic information:

Vehicle no. <b>744443</b>	Date & Time <b>130517 0815</b>	Part no./Module no. <b>21562461</b>
Additional Internal Destination <b>LB21</b> <b>27100 020</b>	Serial no. <b>100000006</b>	Variant <b>L-STWP</b>

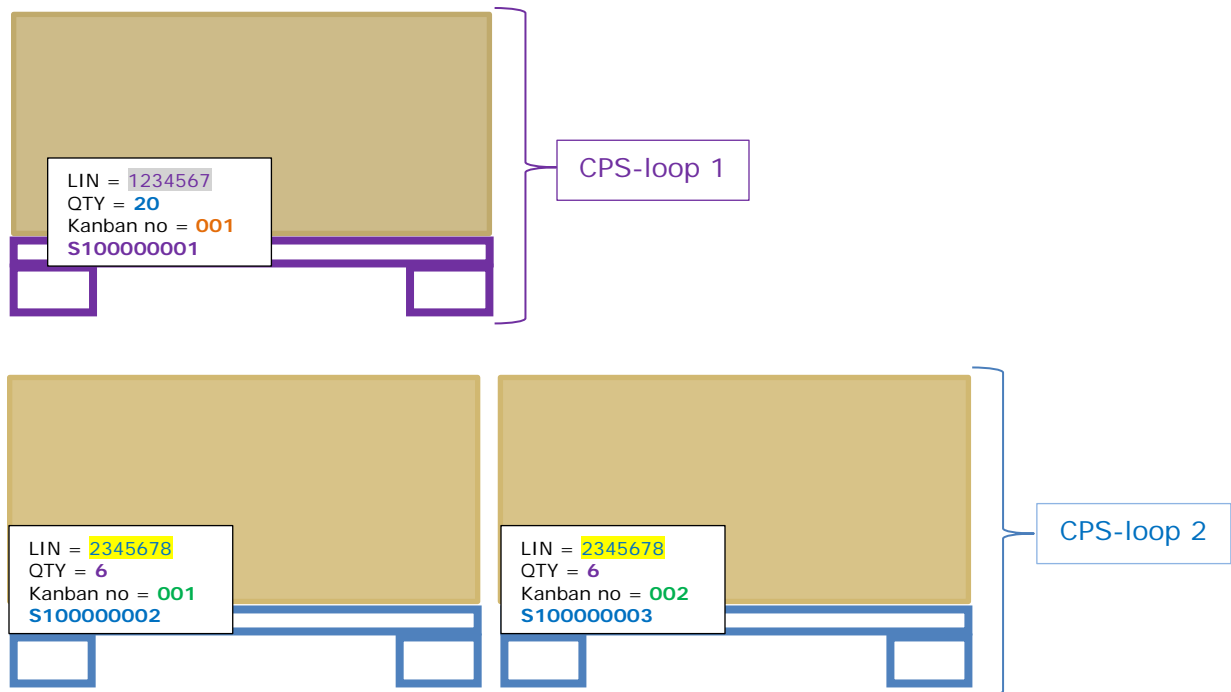
8 Example of Unique Item (S) Label used in sequence deliveries.

## Global DESADV – KANBAN

This example is a despatch advice (Kanban delivery) message from supplier/seller 23456 to Volvo's plant 1001.

*** Initial service segment according to ISO/EDIFACT ***	
UNH+1+DESADV:D:00A:UN:GMI021'	Service segment – Message header
BGM+351+100001'	Despatch Advice Number
DTM+137:201305160854:203'	Despatch Date and Time
MEA+AAX+AAD+KGM:322'	Consignment measurement – Total gross weight
MEA+AAX+ABJ+MTQ:2.992'	Consignment measurement – Volume
RFF+AAS:65000497'	Transport Document Number
NAD+ST+1001::92'	Ship To
LOC+11+020::92'	Place of Discharge
NAD+SE+23456::92'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
CPS+1++1'	Line number for inner package and 1 article number
PAC+1++NIL::92'	Number of Packages, Package Type
QTY+52:20:C62'	Quantity of Articles in the Package
PCI++++S::10'	Handling Unit Category (Simplified)
GIN+ML+10000001'	Package Label Number
GIN+AL+001'	Kanban card number
LIN+++1234567:IN'	Buyer's Article number
QTY+12:20:C62'	Despatch Quantity
ALI+SE'	Country of Origin
RFF+ON:435912345020'	Buyer's Order number
RFF+CR:74'	Reference to KANBAN message number
LOC+159+F-11 020::92'	Additional Internal Destination
CPS+2++1'	Line number for inner package and 1 article number
PAC+2++NIL::92'	Number of Packages, Package Type
QTY+52:6:C62'	Quantity of Articles in the Package
PCI++++S::10'	Handling Unit Category (Simplified)
GIN+ML+10000002+10000003'	Package Label Number
GIN+AL+001+002'	Kanban card number
LIN+++2345678:IN'	Buyer's Article number
QTY+12:12:C62'	Despatch Quantity
ALI+SE'	Country of Origin
RFF+ON:435912345020'	Buyer's Order number
RFF+CR:74'	Reference to KANBAN message number
LOC+159+F-11 020::92'	Additional Internal Destination
UNT+36+1'	Service Segment – Message trailer
*** Trailer service segment according to ISO/EDIFACT ***	

### KANBAN – Loaded on the handling units



*N.B. It is only allowed to use Simplified handling units (see "Package and Handling Units") in KANBAN flows.*

### KANBAN – Transport label example

Receiver <b>VOLVO LASTVAGNAR AB TUVE</b>		Deck / Gate <b>F-11 020</b>	
Advice Note No (H) <b>100001</b> 		Supplier name & address <b>Supplier</b>	
		Net Weight (kg) <b>24.0</b>	Gross Weight (kg) <b>45.0</b>
		No. of boxes <b>1</b>	
Part Number (P) <b>2345678</b> 			
Quantity (Q) <b>6</b> 		Description <b>PART DESCRIPTION</b>	
Supplier (V) <b>23456</b> 		KANBAN card No (15K) <b>001</b> 	
Serial Number (S) <b>10000002</b> 		Date <b>D130516</b>	
		Eng. Change	
		Batch no (H)	

9 Kanban Simplified Handling Unit (S) Label attached to the pallet.