



**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](#)
- The Swedish Odette subset of Global DESADV – www.odette.se.
- The Volvo profile of the Global DESADV – 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

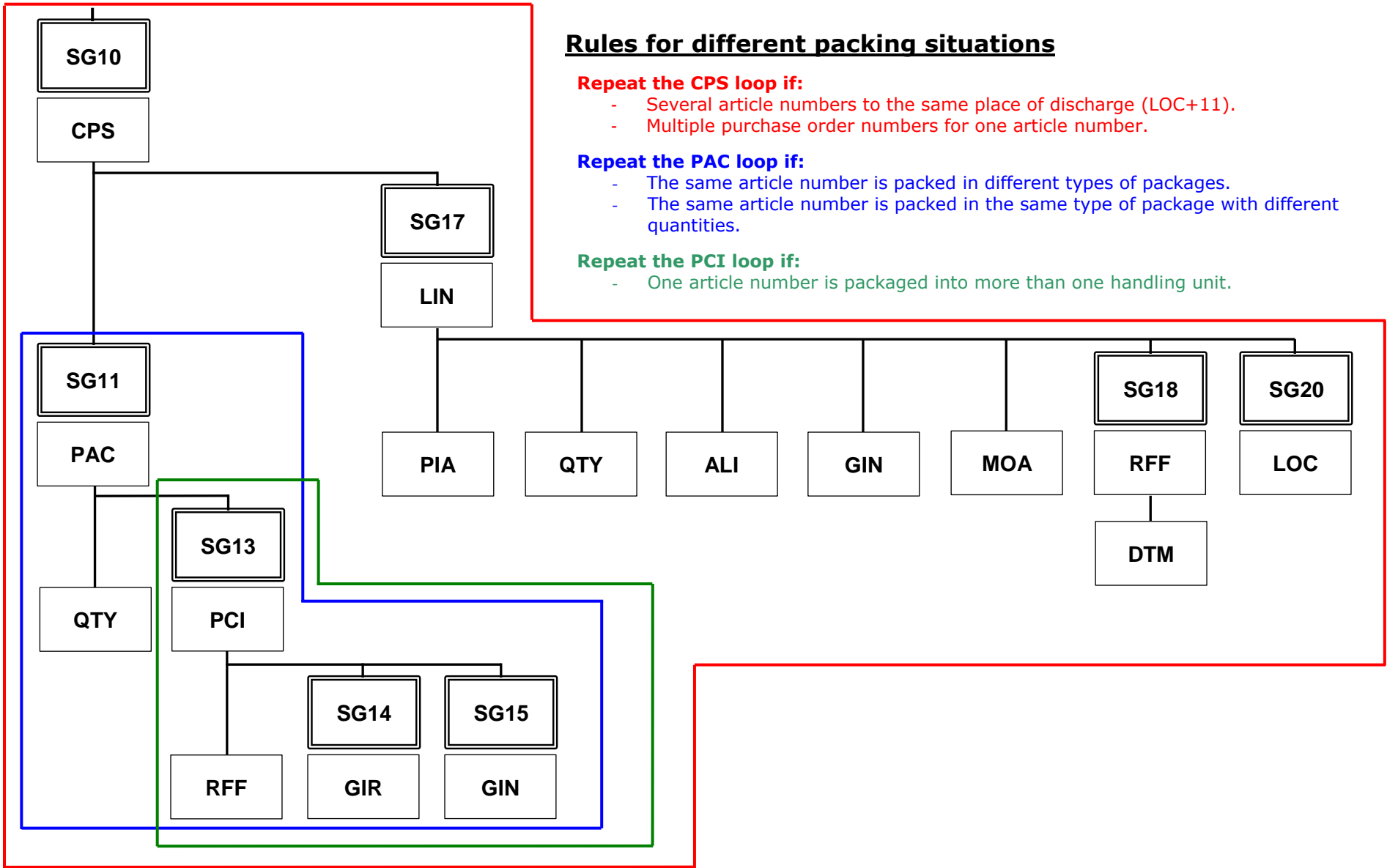
- **Simplified Handling Unit (S-Label)**
Consists of one package which is a handling unit at the same time.

- **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.



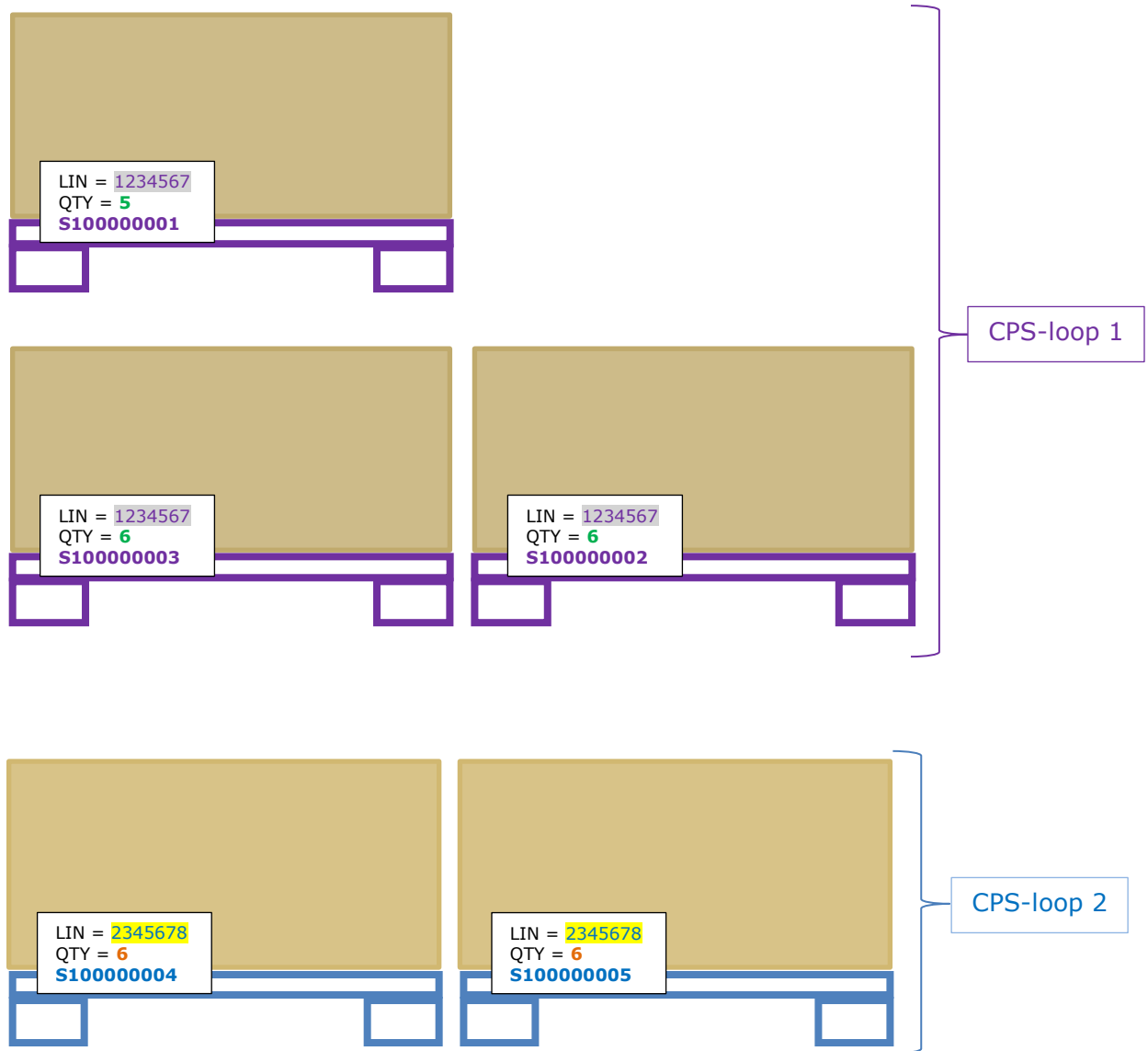
EXAMPLES

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+12:12: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

Receiver VOLVO LASTVAGNAR AB TUVE		Dock / Gate F-11 020	
Advice Note No (N) 100001 		Supplier name & address Supplier	
Part Number (P) 1234567 		Net Weight (Kg) 6.0	Gross Weight (Kg) 27.0
Quantity (Q) 6 		No. of boxes 1	
Supplier (V) 23456 		Description PART DESCRIPTION	
Serial Number (S) 10000002 		Logistic Reference	
		Date D130516	Eng. Change
		Batch no (H)	

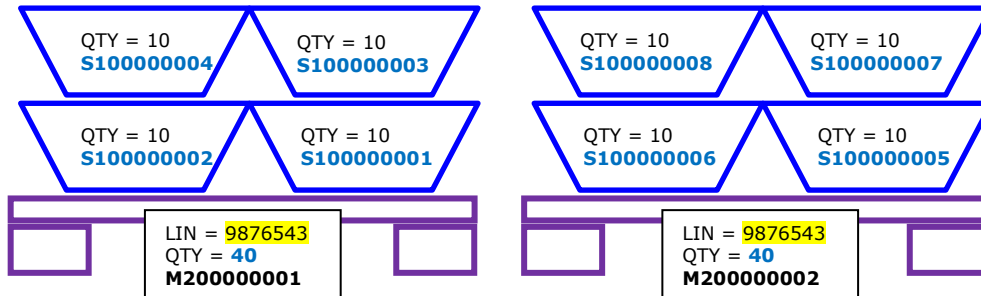
1 Simplified Handling Unit (S) Label attached to the pallet.

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 label example

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

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

Receiver		Deck / Gate	
Advice Note No (A)		Supplier name & address Supplier	
		Net Weight (kg) 6.0	Gross Weight (kg) 8.3
Part Number (P) 9876543		No. of boxes 1	
		Description PART DESCRIPTION	
Quantity (Q) 10		Logistic Reference	
		Eng. Change	
Supplier (V) 23456		D130516	
		Batch no (B)	
Serial Number (S) 100000001			

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

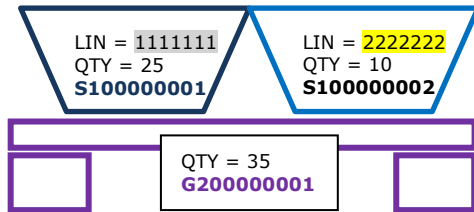
Note: For Renault Trucks SAS receivers, information in the shipping fields must be given!

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:GMI021'	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 VOLVO LASTVAGNAR AB TUVE		Deck / Gate F-11 020	
Address Note No (S) 100001		Supplier name & address Supplier	
		Net Weight (Kg) 39.6	Gross Weight (Kg) 60.6
Part Number (P)		No. of boxes 2	
Quantity (Q)		Description	
Supplier (V) 99999		Logistic Reference	
		D130516 (Eng. Change)	
Serial Number (S) 200000001		Batch no (B)	

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

Receiver		Deck / Gate	
Address Note No (S)		Supplier name & address Supplier	
		Net Weight (Kg) 25.0	Gross Weight (Kg) 27.3
Part Number (P) 11111111		No. of boxes 1	
Quantity (Q) 25		Description PART DESCRIPTION	
Supplier (V) 99999		Logistic Reference	
		D130516 (Eng. Change)	
Serial Number (S) 100000001		Batch no (B)	

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

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

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

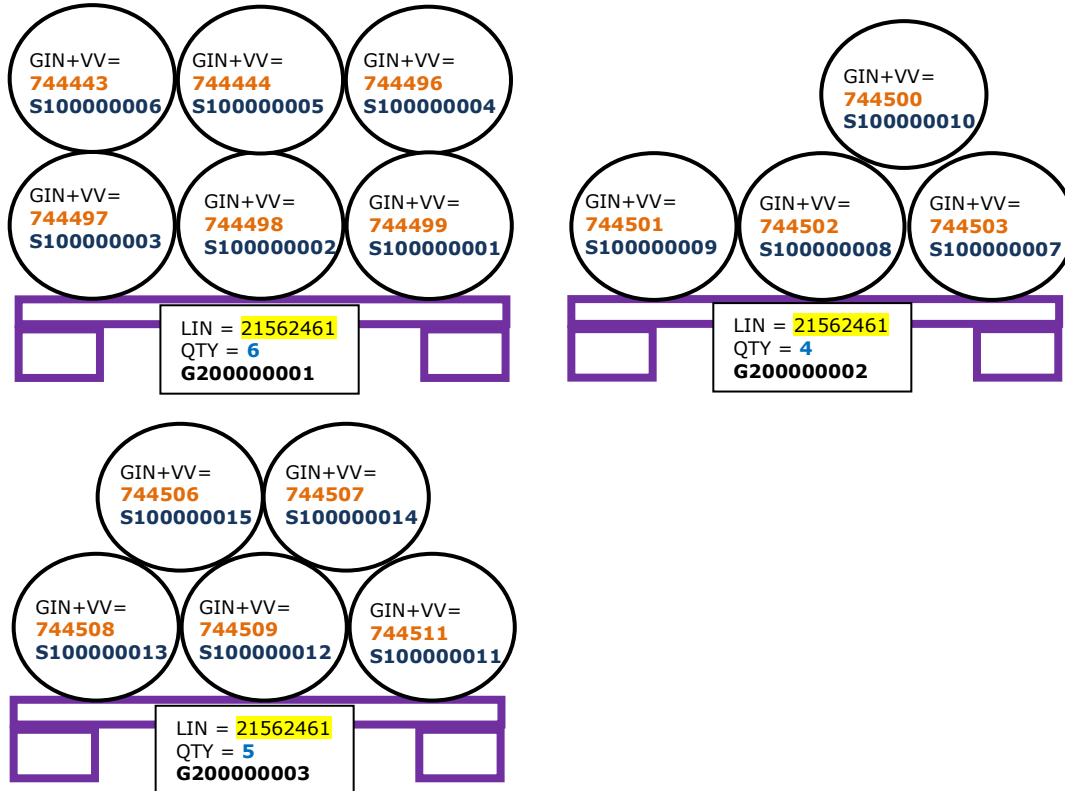
Note: For Renault Trucks SAS receivers, information in the shipping fields must be given on the Package Unit Labels (S)!

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:20000001'	Reference to Handling Unit.
GIN+ML+10000001+10000002+10000003+10000004+10000005'	Package Label Number
GIN+ML+10000006'	Package Label Number
PCI++++G::10'	Handling Unit Category (Mixed)
RFF+ACI:20000002'	Reference to Handling Unit.
GIN+ML+10000007+10000008+10000009+10000010'	Package Label Number
PCI++++G::10'	Handling Unit Category (Mixed)
RFF+ACI:20000003'	Reference to Handling Unit.
GIN+ML+10000011+10000012+10000013+10000014+10000015'	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 label example

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

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

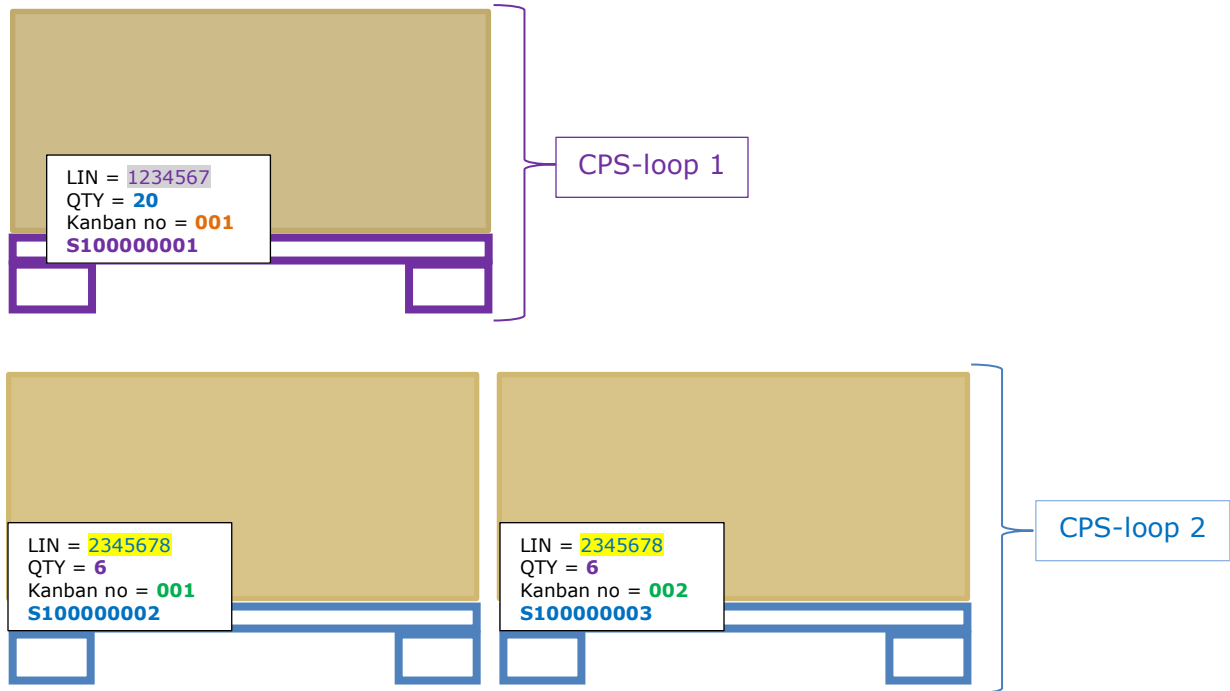
8 Example of Unique Item (S) Label used in sequence deliveries.

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 VOLVO LASTVAGNAR AB TUVE		Dock / Gate F-11 020	
Advice Note No (N) 100001 		Supplier name & address Supplier	
Part Number (P) 2345678 		Net Weight (Kg) 24.0	Gross Weight (Kg) 45.0
Quantity (Q) 6 		No. of boxes 1	
Supplier (V) 23456 		Description PART DESCRIPTION KANBAN card No (16K) 001 	
Serial Number (S) 1000002 		Date D130516	Eng. Change
		Batch no (H)	

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