



**Guidelines & message examples
Volvo's subset of DESADV D07A
(GBSG11 – Batch deliveries)**

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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, D07A. – [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.

Differences between Volvo's Global DESADV D00A and D07A

- SG2 NAD.3035. New code BY = Buyer.
- SG2 NAD.3035. New code UD = Ultimate Customer.
- SG2 NAD.3035. New code DP = Delivery Party.
- New segment SG5 TOD (Terms of delivery) added.
- SG6 TDT.8179 changed to Not used
- SG6 TDT.C220 changed to Optional
- SG6 TDT.8067 changed to Required
- SG20 LOC segment changed to Required

- SG13 RFF.1154 changed to an..22
- SG15 GIN.7402 changed to an..22 (when GIN.7405=ML)

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

- SG18 RFF.1153. New code CR = Volvo's module reference number (Sequence) or reference to KANBAN message number (KANBAN).
- SG15 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.

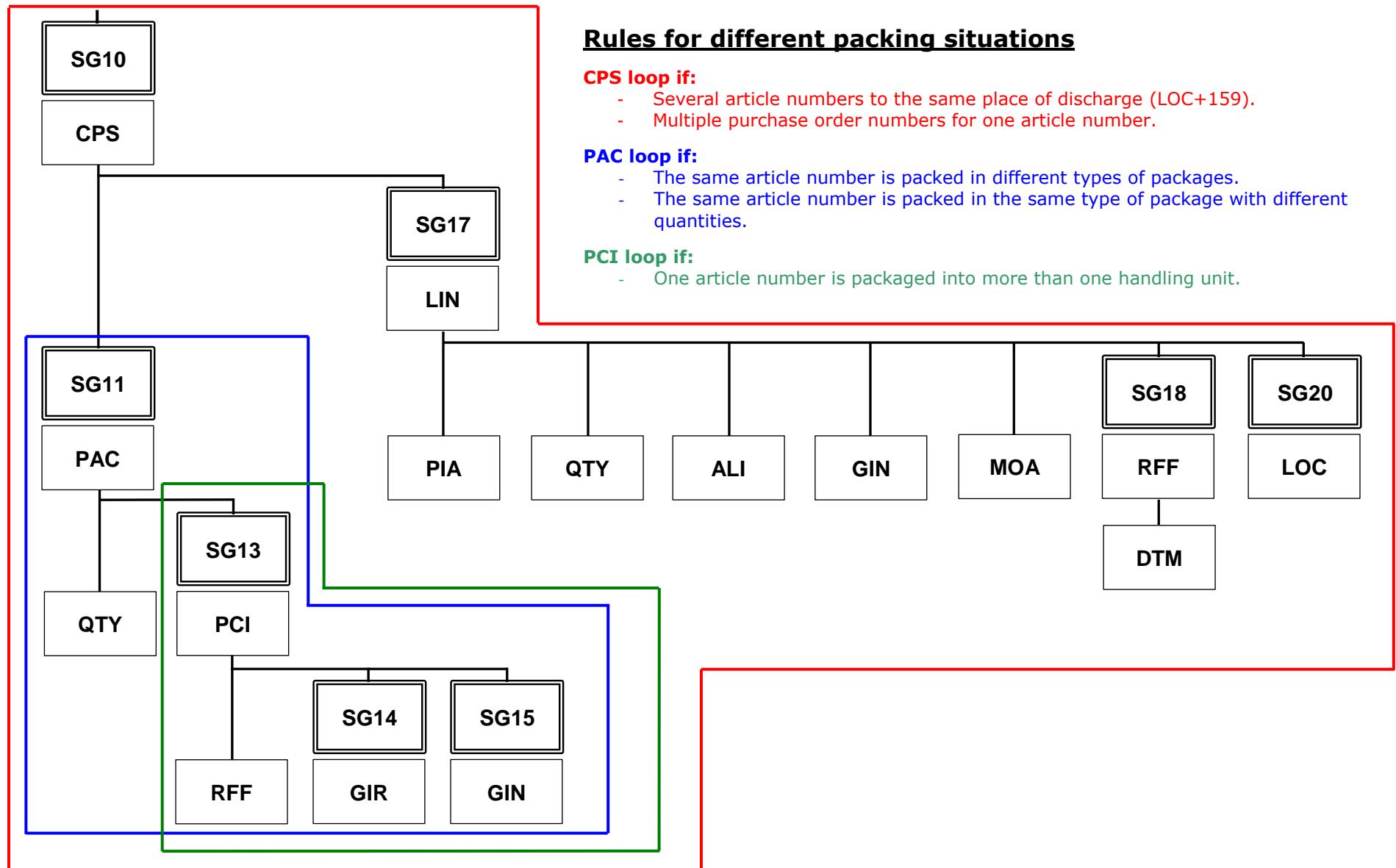
Handling Unit

- **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.

For S, M and G labels maximum 9 numeric positions can be used (In RFF+ACI.1154 and in GIN+ML.7402).



EXAMPLES

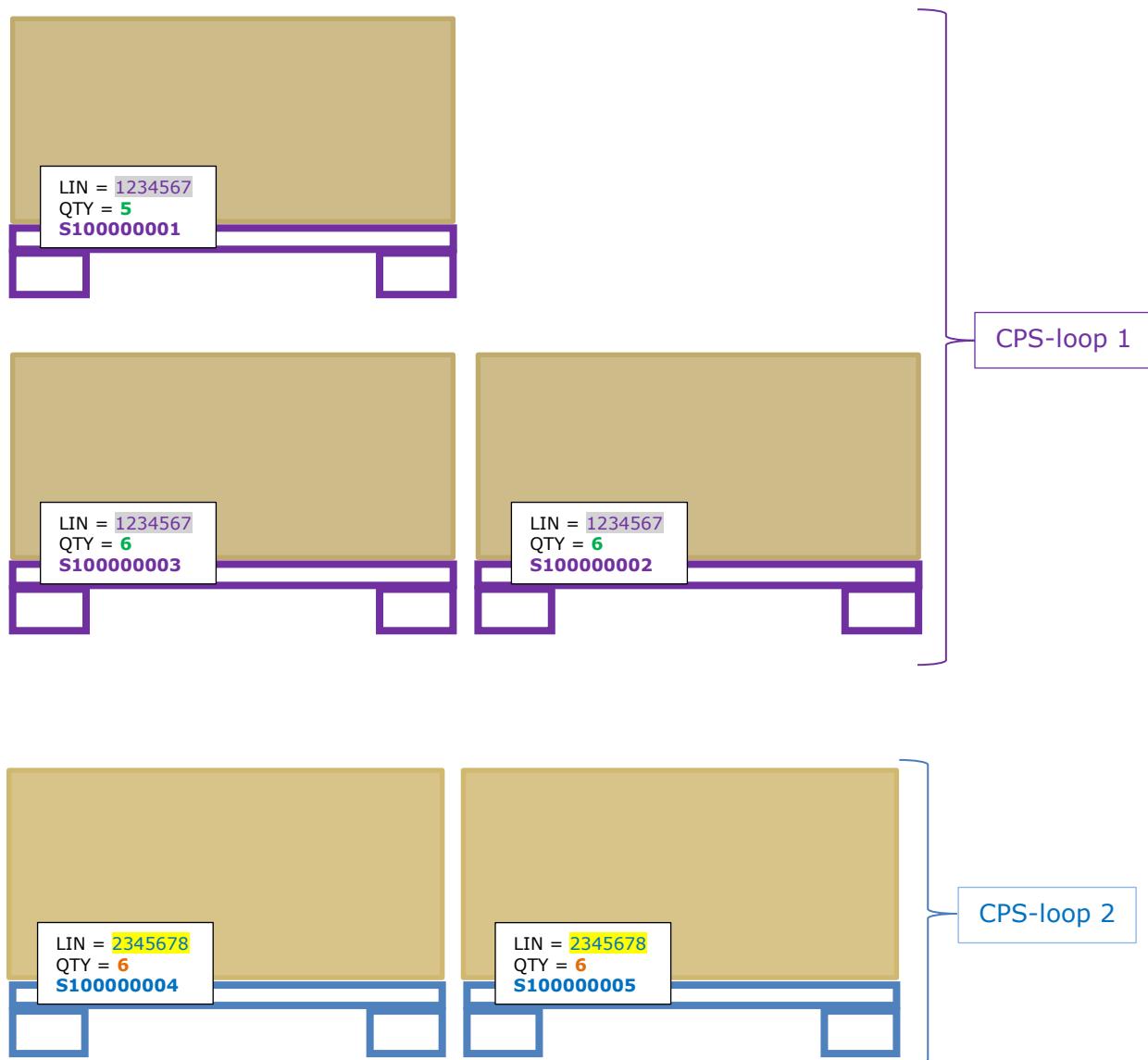
Global DESADV – Simplified Handling Unit (S)

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:07A:UN:GBSG11'	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+BY+1020::92 ++VOLVO LASTVAGNAR AB++GÖTEBORG++40508+SE'	Buyer
NAD+UD+1001::92'	Ultimate Customer
NAD+SE+23456::92 ++PARTNER SWEDEN AB+Box 123+SOLLENTUNA++19127+SE'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
NAD+DP+56789::92	Delivery Party
TOD+FCA'	Terms of delivery
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+40+1'	Service Segment – Message trailer
*** Trailer service segment according to ISO/EDIFACT ***	

Simplified – Loaded on the handling units



Simplified Handling Unit – Transport label example

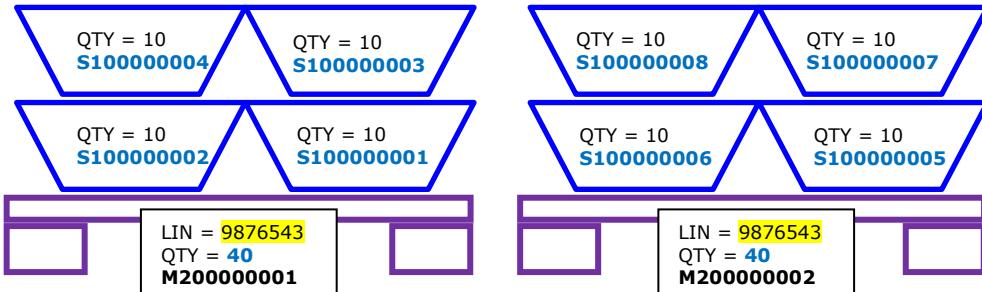
Receiver VOLVO LASTVAGNAR AB TUVE	Dock / Gate F-11 020
Advice Note No (N) 100001	Supplier name & address Supplier
	Net Weight (Kg) Gross Weight (Kg) No. of boxes 6.0 27.0 1
Part Number (P) 1234567	
	Description PART DESCRIPTION Logistic Reference
Quantity (Q) 6	
	
Supplier (V) 23456	Date Eng. Change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

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:07A:UN:GBSG11'	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+BY+1020::92 ++VOLVO LASTVAGNAR AB++GÖTEBORG++40508+SE'	Buyer
NAD+UD+1001::92'	Ultimate Customer
NAD+SE+23456::92 ++PARTNER SWEDEN AB+Box 123+SOLLENTUNA++19127+SE'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
NAD+DP+56789::92	Delivery Party
TOD+FCA'	Terms of delivery
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+30+1'	Service Segment – Message trailer
*** Trailer service segment according to ISO/EDIFACT ***	

Homogenous – Loaded on the handling unitsHomogenous Handling Unit – Transport label example

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



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

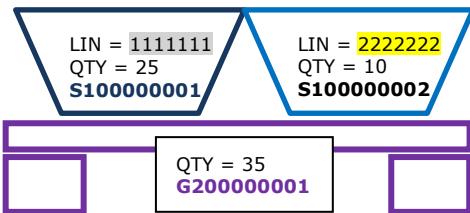
Global DESADV – Mixed Handling Unit (G)

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:07A:UN:GBSG11'	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+BY+1020::92 ++VOLVO LASTVAGNAR AB++GÖTEBORG++40508+SE'	Buyer
NAD+UD+1001::92'	Ultimate Customer
NAD+SE+23456::92 ++PARTNER SWEDEN AB+Box 123+SOLLENTUNA++19127+SE'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
NAD+DP+56789::92	Delivery Party
TOD+FCA'	Terms of delivery
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+38+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	Dock / Gate F-11 020
Advice Note No (N) 100001	Supplier name & address Supplier
Part Number (P)	Net Weight (Kg) Gross Weight (Kg) No. of boxes 39.6 60.6 2
Quantity (Q) Description Logistic Reference	
Supplier (V) 99999	D130516 Eng. Change
Serial Number (S) 200000001	Batch no (H)

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

Receiver VOLVO LASTVAGNAR AB TUVE	Dock / Gate F-11 020
Advice Note No (N) 100001	Supplier name & address Supplier
Part Number (P)	Net Weight (Kg) Gross Weight (Kg) No. of boxes 25.0 27.3 1
Quantity (Q) Description Logistic Reference	
Supplier (V) 99999	D130516 Eng. Change
Serial Number (S) 100000001	Batch no (H)

1111111

25

PART DESCRIPTION

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

Receiver VOLVO LASTVAGNAR AB TUVE	Dock / Gate F-11 020
Advice Note No (N) 100001	Supplier name & address Supplier
Part Number (P)	Net Weight (Kg) Gross Weight (Kg) No. of boxes 10.0 12.3 1
Quantity (Q) Description Logistic Reference	
Supplier (V) 99999	D130516 Eng. Change
Serial Number (S) 100000002	Batch no (H)

2222222

10

PART DESCRIPTION

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

Global DESADV – SEQUENCE

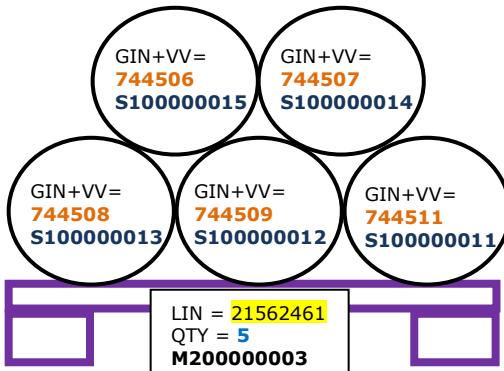
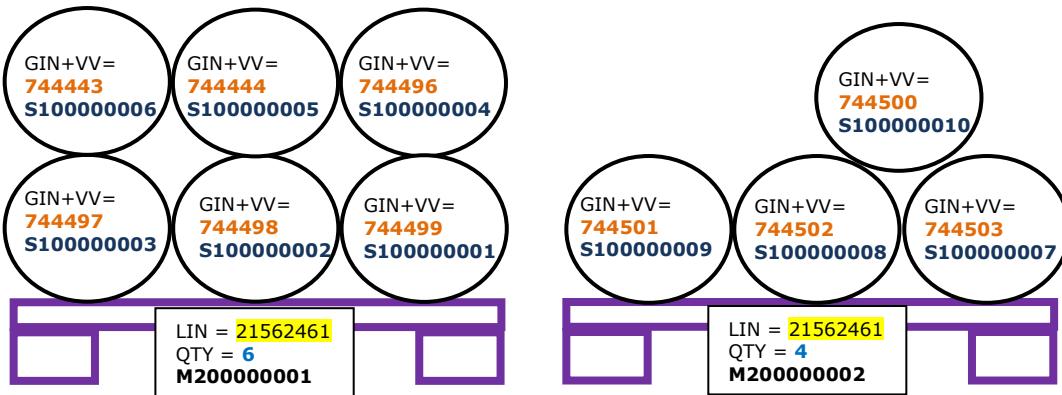
This example is a despatch advice (sequence delivery) message from supplier/seller 23456 to Volvo's plant 1001 containing one part number for several chassis.

*** Initial service segment according to ISO/EDIFACT ***	
UNH+1+DESADV:D:07A:UN:GBSG11'	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+BY+1020::92 ++VOLVO LASTVAGNAR AB++GÖTEBORG++40508+SE'	Buyer
NAD+UD+1001::92'	Ultimate Customer
NAD+SE+23456::92 ++PARTNER SWEDEN AB+Box 123+SOLLENTUNA++19127+SE'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
NAD+DP+56789::92	Delivery Party
TOD+FCA'	Terms of delivery
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++++M::10'	Handling Unit Category (Homogenous)
RFF+ACI: 200000001'	Reference to Handling Unit.
GIN+ML+ 100000001+100000002+100000003+100000004+100000005'	Package Label Number
GIN+ML+ 100000006'	Package Label Number
PCI++++M::10'	Handling Unit Category (Homogenous)
RFF+ACI: 200000002'	Reference to Handling Unit.
GIN+ML+ 100000007+100000008+100000009+100000010'	Package Label Number
PCI++++M::10'	Handling Unit Category (Homogenous)
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+38+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 Address Supplier
	Net Weight (Kg) Gross Weight (Kg) No. of Units 24.0 54.2 6
Vehicle ID	
SEQ 744443 > 744499	
Quantity (Q) 6	Description Part 21562461
	Logistic Reference 1751002 130517
Supplier (V) 23456	
	1751008 08:15
Serial (M) 200000001	Date Eng. Change D130516
	168

7 Homogenous Handling Unit (M) 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

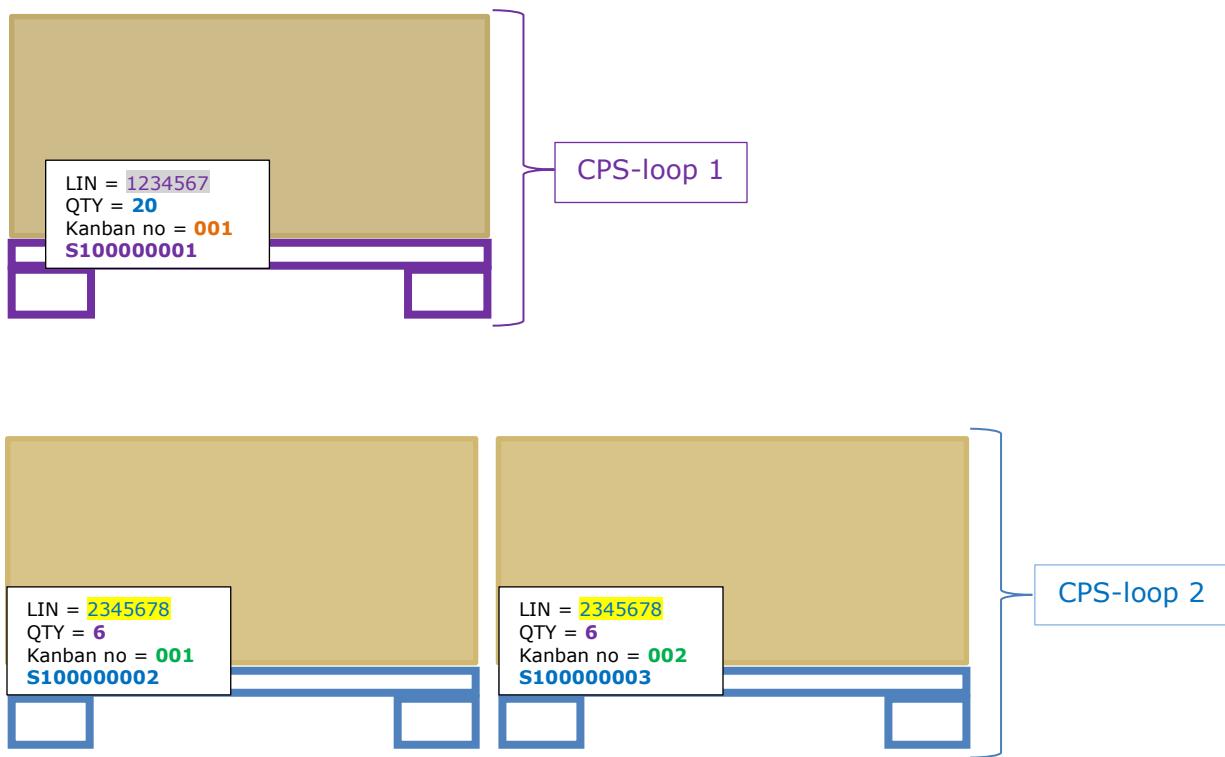
8 Example of Unique Item (S) Label used in sequence deliveries.

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:07A:UN:GBSG11'	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+BY+1020::92 ++VOLVO LASTVAGNAR AB++GÖTEBORG++40508+SE'	Buyer
NAD+UD+1001::92'	Ultimate Customer
NAD+SE+23456::92 ++PARTNER SWEDEN AB+Box 123+SOLLENTUNA++19127+SE'	Seller
NAD+CA+TRANSP::92'	Carrier coded
NAD+SF+12345::92'	Ship From
NAD+DP+56789::92	Delivery Party
TOD+FCA'	Terms of delivery
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+40+1'	Service Segment – Message trailer
*** Trailer service segment according to ISO/EDIFACT ***	

KANBAN – Loaded on the handling units

KANBAN – Transport label example

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

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