

Despatch Advice
Message Implementation Guideline
*(Based on the EANCOM 1997 Guideline using
UN/EDIFACT Directory D.96A)*
for the
Automotive Aftermarket
Supply Chain Improvement Project

v1.0

December 2003

1. Contacts

This EDI Message Implementation Guidelines (MIG) should be read in conjunction with any appropriate terms and conditions of trade between trading partners in the Automotive Aftermarket Industry.

This EDI MIG is based on EAN International's EANCOM® 1997 Guideline using UN/EDIFACT Directory D.96A. For any information regarding EANCOM® or this MIG, please contact:

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This EDI MIG has been developed as part of the AAAA Supply Chain Improvement Project, which includes the following organisations:

• Automotive Aftermarket Association Australia (AAAA)	• GUD
• Coventry Group	• Auto One
• Robert Bosch	• Septone Products
• Super Cheap Auto	• National Parts
• NGK Spark Plugs	• Autobarn
• Marlows	• Mark IV Automotive
• Auto Concepts	
• Burson	
• Repco	

2. Disclaimer

Every possible effort has been made to ensure that the information and specifications in this document are correct, however the AAAA Supply Chain Improvement Project, contributing companies and EAN Australia expressly disclaim liability for any errors. In addition, no warranty or representation is made that this document will not require modification due to developments in new business practice, technology, changes, omissions or additions.

3. Change Control

Listed below are the changes that have been applied to the previous version to create this version; Implementation v1.0 2003.

Pos.	Section Modified	Nature of Change/Comments	Source/reason

4. Data Content and Structure

Whilst the header data is shown here, the most complex structure in the DESADV occurs in its detail section in which the shipment hierarchy is built using CPS segments. For this reason the hierarchy options are depicted here and whilst there are more segments available in the MIG than shown, it is anticipated that only those shown here will be required in most cases.

HEADER SECTION				
UNH				Message header
BGM				Despatch Advice type (normal, cross dock) and function (original, duplicate, replace)
DTM				Message, despatch, estimated delivery, and collection from 3 rd party site date and times
ALI				Complete or split shipment flag, standard items or pick 'n pack
RFF				Consignment note, invoice and order number references
DTM				Date/time of previous reference
	NAD			Supplier, buyer, shipper, delivery party, ship to, invoicee and ultimate customer party identification
	LOC			Location subordinate to that in preceding NAD
	RFF			References related to the party identified in the NAD

DETAIL SECTION					
CPS	Shipment	Highest level in hierarchy – Mandatory level			
	PAC	Number and type of outer handle-able units e.g. pallets, in this shipment			
	MEA	Physical dimensions (only if there is one single unit)			
	PCI	Type of markings on outer handle-able units – use at tare level if it exists			
	GIN	Literal markings on outer handle-able units – use at tare level if it exists			
	CPS	STORE	Optional level for cross docked or multiple spreadsheet DTS shipments		
		LIN	Dummy segment to introduce following LOC		
		LOC	Store location		
		CPS	Tare	Individual outer handle-able logistics unit level, Optional level	
			PAC	Identify this type of logistics unit, quantity always 1	
			MEA	Physical dimensions of this handle-able unit e.g. pallet	
			PCI	Type of markings on the outer handle-able unit	
			GIN	Literal markings on outer handle-able unit	
			PAC	Total number of packages on this unit e.g. number of cartons	
			CPS	Mixed item	Optional level for non-standard items e.g. mixed carton
				PAC	Number (always 1) and type of unit
				MEA	Physical dimensions of unit
				PCI	Type of markings on item
				GIN	Literal markings on item
				LIN	Items Identifies standard items, GTIN (Mandatory)
				PIA	Identifies standard items (prop.)
				MEA	Item physical dimensions
				QTY	Quantity of this item identified in LIN or PIA
				DTM	Expiry / best before dates
				RFF	Reference to order line item
				PCI	Use for standard item e.g. carton markings
				DTM	Expiry date on this item
				GIN	Literal markings on standard item
				HAN	Hazardous goods / handling
				QVR	Variance from ordered quantity & backorder status
				DTM	Back order delivery date

5. Reading this Document

Introduction to UN/EDIFACT terminology:

A UN/EDIFACT (ISO 9735) file is called an “*interchange*”. This is the EDI terminology. The interchange is made up of *segments*, which is also an EDI term equivalent to the term “record”.

An interchange starts with an interchange header segment called “UNB” and terminates with an interchange trailer segment called “UNZ”. Within the UNB – UNZ envelope are the segments that comprise either functional groups (not being used by Automotive Aftermarket) or the electronic EDI business *messages* themselves. Each business message begins with a header “UNH” segment and terminates with a trailer “UNT” segment. In between the message header and trailer are the user segments containing the business data.

Sample below¹:

UNB	(start of interchange)
UNH	(start of first business message)
.....user segments	
UNT	(end of first business message)
UNH	(start of second business message)
.....user segments	
UNT	(end of second business message)
UNZ	(end of interchange)

Segments are made up of one or more data *elements*. Each data element in a segment is separated by a plus (+) symbol. A data element can be made up of *components*, which are separated from each other by a colon (:). Segments are terminated by the apostrophe ('). See data stream examples in sample message and on segments in the MIG.

UN/EDIFACT segments are given a *Base Status*, whilst the segments are given *Base Attributes*.

Base Status/Attributes:

M - Mandatory: this segment/element must always be sent²

C - Conditional: this segment/element may be sent, see User Status/User Attributes (below)

¹ This Message Implementation Guideline (MIG) does not include the specifications for the interchange segments (UNB & UNZ) as typically they are generated automatically and contain the addressing data required to deliver the interchange across the communications medium being used to exchange messages between trading partners. Many users use their EAN company Global Location Number (GLN) for addressing purposes.

² Note that a segment with status “M” may occur in a group with status “C” so if the group is not used, then the segment is not used either. However if the group is used the segment must be used. Similarly with data elements.

This Message Implementation Guideline (MIG):

Only those segments in the standard message to be used in this MIG are specified, any segments not used have been omitted for readability. Within the detailed specification of each segment, all data elements are identified, even if they are not used, as placement of data elements within a segment is critical. The *User Status/Attribute* (see below) will indicate whether a particular segment or element is sent or not.

User Status/Attributes:

- M - Mandatory: Base Status/Attribute is mandatory so user status must also be mandatory
- R - Required: Base Status/Attribute is Conditional, but for this MIG it must always be sent
- D - Dependent: must or may be sent where stated conditions apply
- O - Optional: may be sent, by agreement between parties
- X - Not Used: never sent

Notation:

Wherever possible notes have been inserted into the MIG content (shown as shaded) to clarify how the data is to be used as well as any business rules to follow.

Most segments have a shaded block of notes at the beginning of the segment. Much of this is automatically generated text from the EANCOM superset on which this MIG is based. In some cases there are descriptions of data element or code usage that are not available for usage in this MIG.

As such, please use as your primary reference, the data element specification, which begins in each segment immediately below the heading “Data Element Summary”.

6. Required (Mandatory) Data

The data described below is the minimum required for a syntactically valid message according to this Message Implementation Guideline (MIG).

Trading partners will need to confirm any additionally required fields that may be necessary for trading.

Business descriptor name	Segment
Header	
Despatch Advice Type (e.g. normal, cross dock)	BGM
Despatch Advice number	BGM
Message Function (e.g. Original, replace, duplicate)	BGM
Despatch Advice message date	DTM (header)
Reference to previous document e.g. order ³	RFF, grp 1
Buyer & Supplier identification	NAD, grp2
Packaging Sequence Hierarchy	
Shipment (highest) level	CPS (7075=1E)
Packages⁴	
Number of packages	PAC grp 11
Line Items	
Line item number	LIN, grp15
Product identifier (EAN GTIN or proprietary) and type	LIN or PIA, grp25
Despatch quantity	QTY, grp 15

³ Must be here or at line item level

⁴ Must have Packages information at the shipment level.

7. Sample Messages

This section provides a sample set of dispatch advice messages the most relevant of which depict 5 scenarios. **Example 7.0** is the simplest, depicting a shipment of 35 loose standard cartons shipped directly to one location. Scenarios 7.1 through 7.4 provide examples of combinations of direct to store and cross dock shipments for both standard trade items and mixed or split case shipments as per below:

	<i>Direct to Store (DTS)</i>	<i>Cross dock</i>
<i>Standard trade item</i>	7.1	7.3
<i>Mixed (pick 'n pack) trade item</i>	7.2	7.4

Acknowledgement: Thank you to David Jones Limited and Coles Myer for the use of their Despatch Advice templates as a starting point for the messaging examples below.

7.0 Direct delivery of loose standard cartons – example

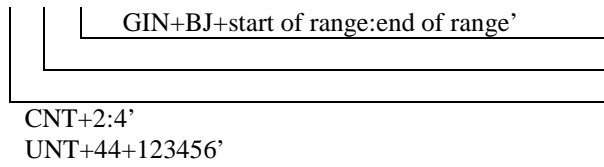
Despatch advice for order AS35724 for shipment of 35 loose standard cartons shipped directly to one location.

Message data	Explanation
UNH+DESADV1+DESADV:D:96A:UN:EAN005'	Message Header
BGM+351::9+MESSNUM+9'	Despatch advice number MESSNUM
DTM+137:20030429:203'	Message date stamp 29 th April 2003
DTM+11:20030429:203'	Despatch date 11 th April 2003
ALI+++X6+164'	Standard pack shipment
RFF+CN:123456'	Carrier reference 123456
RFF+ON:AS35724'	Order number is AS35724
NAD+BY+9312345678902::9'	Buyer GLN
NAD+SU+9377778123457::9'	Supplier GLN
NAD+ST+931122334455C::9'	Ship to location
CPS+1+++1'	Shipment level
PAC+35++CT'	Shipment of 35 cartons
LIN+1++9312345000012:EN'	1 st line item, GTIN
QTY+12:30'	Despatch quantity is 30
PCI+33E'	Cartons marked with SSCC
GIN+BJ+start of range:end of range'	Range of SSCCs
LIN+2++9312345000043:EN'	2 nd line item, GTIN
QTY+12:5'	Despatch quantity is 5
PCI+33E'	Cartons marked with SSCC
GIN+BJ+start of range:end of range'	Range of SSCCs
CNT+2:2'	Number of line items = 2
UNT+22+DESADV1'	Message Trailer

7.1 Direct to Store Delivery of standard (usually homogeneous) cartons – example

Despatch Advice for order F511716/000 that is to be delivered direct to store. The shipment contains 4 lines. These lines are packaged on 2 pallets. Each pallet has 2 line different standard products on it (mixed pallets). Both pallets to be shipped directly to store 2222.

Message data	Explanation
UNH+123456+DESADV:D:96A:UN:EAN005' BGM+351+45678+9' DTM+137:20010430:102' DTM+11:20010430:102' DTM+17:20010503:102' ALI+X6+164'	Message #123456 is a Despatch Advice. DESPATCH ADVICE #45678 DESPATCH ADVICE was created 30 April 2001 Despatch date 30 April 2001 Estimated delivery date 3 May 2001 Standard (homogeneous) cartons, complete order
RFF+ON:F511716/000' DTM+171:981211:102' NAD+BY+9377779876543::9' NAD+ST+2222::92' NAD+SU+80033580::92'	The DESPATCH ADVICE relates to the Retailer X purchase order F511716/000 The order date was 11 April 2001 GLN identifying Buying Group Ship to store 2222 Supplier identified by Retailer X reference number 80033580
CPS+1++1E' PAC+2++09'	Shipment Level (no parent). The shipment contains two pallets
CPS+2+1+2' PAC+1++09' PCI+33E' GIN+BJ+654356798765432123' PAC+32++CT'	Tare level, directly under shipment 1 st pallet Pallet is marked with a SSCC SSCC identifying the 1 st pallet 1 st pallet contains 32 cartons
LIN+1++9323533000899:EN' QTY+12:22' PCI+34E' GIN+EU+9323533000899' PCI+33E' GIN+BJ+start of range:end of range'	Item identified by EAN-13 article number 22 standard trade items despatched Marked with EAN GTIN Literal GTIN marked on all items Market with EAN SSCC Range of SSCC values over 22 items
LIN+2++19323533000905:EN' QTY+12:10' PCI+33E' GIN+BJ+start of range:end of range'	Item identified by EAN-14 article number 10 trade items despatched Trade item marked with SSCCs Range of SSCC values over 10 items
CPS+3+1+2' PAC+1++09'' PCI+33E' GIN+BJ+654356798765432888' PAC+44'	Tare level, directly under shipment 2 nd pallet Pallet is marked with a SSCC SSCC identifying the 2 nd pallet contains 44 units
LIN+3++19323533000912:EN' QTY+12:24' PCI+33E' GIN+BJ+start of range:end of range'	Item identified by EAN-14 article number 24 items have been included Marked with SSCCs Range of SSCCs over trade items
LIN+4++19323533000929:EN' QTY+12:20' PCI+33E'	Item identified by EAN-14 article number 20 items have been included Marked with SSCCs



Range of SSCCs over trade items

Number of LIN segments is 4

Total 44 segments in message 123456

7.2 Direct to Store Delivery of mixed non standard (pick 'n pack) cartons – example

Despatch Advice for order F511716/000 that is to be delivered direct to store. The order contains 5 line items. These lines are packed into 3 cartons.

Message data	Explanation
UNH+123456+DESADV:D:96A:UN:EAN005'	Message #123456 is a Despatch Advice.
BGM+351+45678+9'	DESPATCH ADVICE #45678
DTM+137:20010430:102'	DESPATCH ADVICE was created 30 April 2001
DTM+11:20010430:102'	Despatch date 30 April 2001
DTM+17:20010503:102'	Estimated delivery date 3 May 2001
ALI+++X7+164'	Mixed (pick 'n pack) cartons, complete order
RFF+ON:F511716/000'	The DESPATCH ADVICE relates to the Retailer X purchase order F511716/000
DTM+171:981211:102'	The order date was 11 April 2001
NAD+BY+9377779876543::9'	GLN identifying Buying Group
NAD+ST+2222::92'	Ship to store 2222
NAD+SU+80033580::92'	Supplier identified by Retailer X reference number 80033580
CPS+1++1E'	Shipment Level
PAC+3++CT'	The shipment contains three cartons
CPS+2+1+1'	Mixed item, directly under Shipment
PAC+1+++CT'	<i>Only ever one pack</i> , this is a carton
PCI+33E'	Carton marked with SSCC
GIN+BJ+SSCC1'	SSCC of carton (fictitious)
LIN+1++9323533000899:EN'	1 st item inside carton
QTY+12:22'	22 of these inside carton
LIN+2++932378576879C:EN'	2 nd item inside carton
QTY+12:10'	10 of these inside carton
CPS+3+1+1'	Mixed item, directly under Shipment
PAC+1+++CT'	Next carton (no markings)
LIN+3++934568675645C:EN'	1 st item inside carton
QTY+12:50'	50 of these in the carton
CPS+4+1+1'	Mixed item, directly under Shipment
PAC+1+++CT'	<i>Only ever one pack</i> , this is a carton
PCI+33E'	Carton marked with SSCC
GIN+BJ+SSCC2'	SSCC of carton (fictitious)
LIN+4++19323533000912:EN'	Item identified by EAN-14 GTIN
QTY+12:24'	24 items despatched
LIN+5++1935768574654C:EN'	Next item identified by EAN-14 GTIN
QTY+12:5'	5 of these despatched in this carton
CNT+2:5'	Number of LIN segments is 5
UNT+35+123456'	Total 39 segments in message 123456

7.3 Cross Dock Delivery of standard (usually homogeneous) cartons – example

Despatch Advice for order F511716/000 that is to be cross docked via a Distribution Centre (DC) identified in the header. The order contains 4 lines. These lines are packaged on 2 pallets – one for Store-A the other for StoreB.

Message data	Explanation
UNH+123456+DESADV:D:96A:UN:EAN005'	Message #123456 is a Despatch Advice.
BGM+YA5+45678+9'	Cross dock⁵ DESPATCH ADVICE #45678
DTM+137:20010430:102'	DESPATCH ADVICE was created 30 April 2001
DTM+11:20010430:102'	Despatch date 30 April 2001
DTM+17:20010503:102'	Estimated delivery date 3 May 2001
ALI+++X6+164'	Standard (homogeneous) cartons, complete order
RFF+ON:F511716/000'	The DESPATCH ADVICE relates to the Retailer X purchase order F511716/000
DTM+171:981211:102'	The order date was 11 April 2001
NAD+BY+9377779876543::9'	GLN identifying Buying Group
NAD+ST+934565454321C::9'	Ship to Distribution Centre identified by GLN
NAD+SU+80033580::92'	Supplier identified by Retailer X reference number 80033580
CPS+1++1E'	Shipment Level (no parent).
PAC+2++09'	The shipment contains two pallets
CPS+2+1+3'	Store level – Store A
LIN+0'	Dummy segment
LOC+8+STORE-A::92'	Store A: not the ship to location but the ultimate (pack for) destination
CPS+3+2+2'	Tare level, directly under Store A
PAC+1++09'	1 st pallet
PCI+33E'	Pallet is marked with a SSCC
GIN+BJ+654356798765432123'	SSCC identifying the 1 st pallet
PAC+32++CT'	Contains 32 cartons
LIN+1++9323533000899:EN'	Item identified by EAN-13 article number
QTY+12:22'	22 standard trade items despatched
PCI+34E'	Marked with EAN GTIN
GIN+EU+9323533000899'	Literal GTIN marked on all items
LIN+2++1932353000905:EN'	Item identified by EAN-14 article number
QTY+12:10'	10 trade items despatched
PCI+33E'	Trade item marked with SSCCs
GIN+BJ+start of range:end of range'	Range of SSCC values over 10 items

⁵ Note: Some retailers will never use explicit code “YA5” to indicate a cross dock despatch advice. Instead they rely on the combination of the DC in the header and store details at store levels to signify a cross dock message. Absence of a ship-to location in the header implies a DTS to the nominated stores at store level or alternatively, when the same line item is going to multiple stores the LOC/QTY loop under the LIN may be used to nominate stores.

<p>CPS+4+1+3' LIN+0' LOC+8+STORE-B::92'</p> <p>CPS+5+4+2' PAC+1++09' PCI+33E' GIN+BJ+654356798765432888' PAC+44'</p> <p>LIN+3++19323533000912:EN' QTY+12:24' PCI+33E' GIN+BJ+start of range:end of range'</p> <p>LIN+4++19323530000929:EN' QTY+12:20' PCI+33E' GIN+BJ+start of range:end of range'</p>	<p>Store level – Store B Dummy segment Store B: not the ship to location but the ultimate (pack for) destination</p> <p>Tare level, directly under Store B 2nd pallet Pallet is marked with a SSCC SSCC identifying the 2nd pallet Contains 44 units</p> <p>Item identified by EAN-14 article number 24 items have been included Marked with SSCCs Range of SSCCs over trade/logistics items</p> <p>Item identified by EAN-14 article number 20 items have been included Marked with SSCCs Range of SSCCs over trade/logistics items</p> <p>Number of LIN segments is 4 Total 45 segments in message 123456</p>
<p>CNT+2:4' UNT+47+123456'</p>	

7.4 Cross Dock Delivery of mixed non standard (pick 'n pack) cartons – example

Despatch Advice for order F511716/000 that is to be delivered direct to store. The order contains 5 line items. These lines are packaged on 2 pallets.

Message data	Explanation
UNH+123456+DESADV:D:96A:UN:EAN005'	Message #123456 is a Despatch Advice.
BGM+YA5+45678+9'	Cross dock⁶ DESPATCH ADVICE #45678
DTM+137:20010430:102'	DESPATCH ADVICE was created 30 April 2001
DTM+11:20010430:102'	Despatch date 30 April 2001
DTM+17:20010503:102'	Estimated delivery date 3 May 2001
ALI+++X7+164'	Mixed (pick 'n pack) cartons, complete order
RFF+ON:F511716/000'	The DESPATCH ADVICE relates to the Retailer X purchase order F511716/000
DTM+171:981211:102'	The order date was 11 April 2001
NAD+BY+9377779876543::9'	GLN identifying Buying Group
NAD+ST+934565456789C::9'	Ship to DC as identified
NAD+SU+80033580::92'	Supplier identified by Retailer X reference number 80033580
CPS+1++1E'	Shipment Level (no parent).
PAC+3++CT'	The shipment contains three cartons
CPS+2+1+3'	Store level: Store X
LIN+0'	Dummy segment
LOC+8+STORE-X::92'	Store-X: this is not the Ship-to location rather the pack for destination
CPS+3+2+1'	Mixed item, directly under Store X
PAC+1++CT'	Only ever one pack, this is a carton
PCI+33E'	Carton marked with SSCC
GIN+BJ+SSCC1'	SSCC of carton (fictitious)
LIN+1++9323533000899:EN'	1 st item inside carton
QTY+12:22'	22 of these inside carton
LIN+2++932378576879C:EN'	2 nd item identified by EAN-13 GTIN
QTY+12:10'	10 of these inside carton
CPS+4+2+1'	Mixed item, directly under Store X
PAC+1++CT'	Next carton (no markings)
PCI+33E'	Carton marked with SSCC
GIN+BJ+SSCC2'	SSCC of carton (fictitious)
LIN+3++934568675645C:EN'	1 st item inside carton
QTY+12:50'	50 of these in the carton
CPS+5+1+3'	Store level: Store Y
LIN+0'	Dummy segment
LOC+8+STORE-Y::92'	Store-Y: this is not the Ship-to location rather the pack for destination
CPS+6+5+1'	Mixed item level, directly under Store Y
PAC+1++CT'	Only ever one pack, this is a carton
PCI+33E'	Carton marked with SSCC
GIN+BJ+SSCC2'	SSCC if carton (fictitious)

⁶ Note: Some retailers will never use explicit code "YA5" to indicate a cross dock despatch advice. Instead they rely on the combination of the DC in the header and store details at store levels to signify a cross dock message. Absence of a ship-to location in the header implies a DTS to the nominated stores at store level.

LIN+4++19323533000912:EN'
QTY+12:24'
LIN+5++1935768574654C:EN'
QTY+12:5'

CNT+2:5'
UNT+48+123456'

Item identified by EAN-14 GTIN
24 items despatched
Next item identified by EAN-14 GTIN
5 of these despatched in this carton

Number of LIN segments is 5
Total 48 segments in message 123456

8. Implementation Notes:

Retail Basis for Automotive Aftermarket MIGs:

Note that each Automotive Aftermarket industry MIG has been based on existing Retail (grocery and general merchandise) MIGs. This is because the retail industry has had experience in implementation and are common customers with many Automotive Aftermarket industry suppliers.

When trading with Retail industry customers, it may be necessary to either send extra data as required by the retailer, or it may be that as a Automotive Aftermarket supplier you require extra data to be sent to you by the retailer.

For suppliers, all data required to be sent to the general merchandise retailers has been included in these Automotive Aftermarket MIGs to comply with their data receipt requirements. On the receiving side, there is very little data that has been added to these Automotive Aftermarket MIGs that is not currently supported in the Retail MIGs. An example of this data would be the sub-lining added for timber purposes, which customers would need to use when specifying piece lengths for cut to length packs. In such scenarios, it may be that suppliers will have to negotiate the receipt of this extra data from customers who may not be currently providing it on purchase orders.

Back Orders:

Whether or not backordering is allowed is to be agreed between trading partners. As this is usually done outside the dynamic messaging environment, there is no dynamic flag within any Automotive Aftermarket MIG to specify whether or not an ordered item may be placed on back order if it cannot be supplied initially. However, for those for whom back orders are allowable, the Purchase Order Response message does allow the supplier to acknowledge that part or all of the order has been placed on back order.

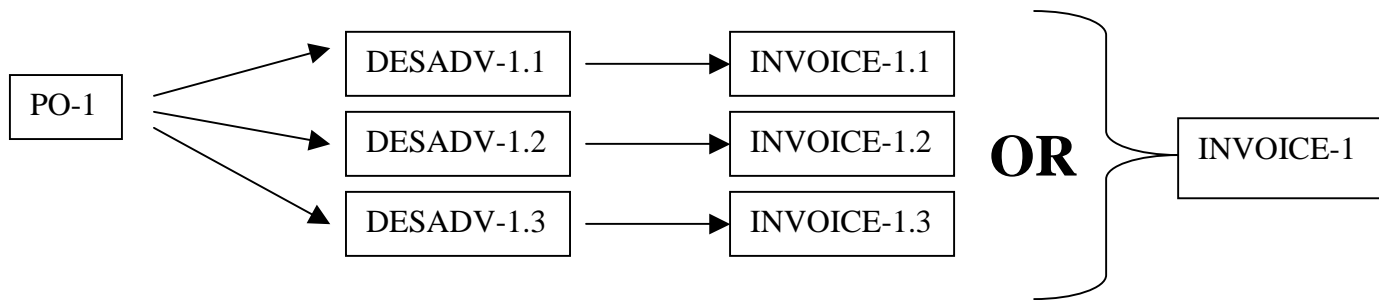
Substitutions:

The ORDRSP, DESADV and INVOICE messages all contain provisions for handling substitutions. They all use the PIA segment (4347 = 4) to carry the item originally ordered, whilst the substituted item is returned in the LIN segment. This functionality should only be used where substitutions are allowed within the trading partner relationship.

Relationship of Purchase Orders, to Despatch Advice and Invoice:

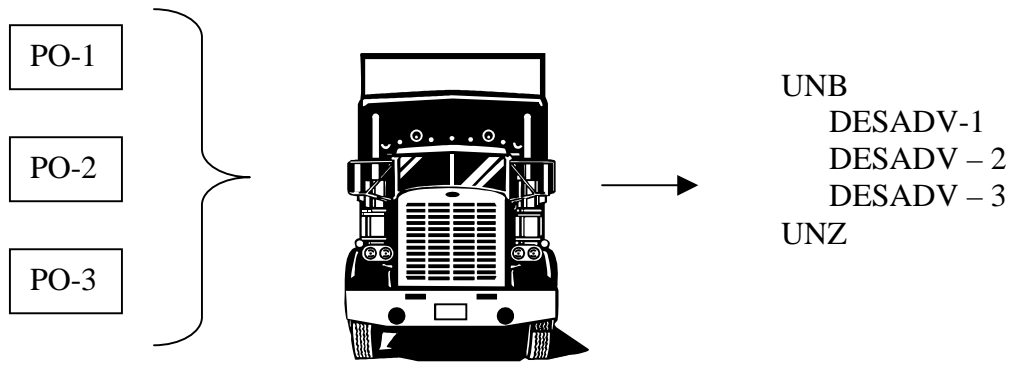
The RFF – Reference segment at both message header and detail levels are used to make reference links to other related documents. In the dispatch advice, the RFF (header) may reference a previous purchase order. The RFF (detail) may also reference multiple orders or the line # on that previous document.

A purchase order may be split across multiple deliveries. There must be a separate DESADV per delivery. There may be a separate invoice per delivery also, or there may be one invoice consolidating multiple dispatches back to the original purchase order. See diagram 1 below:

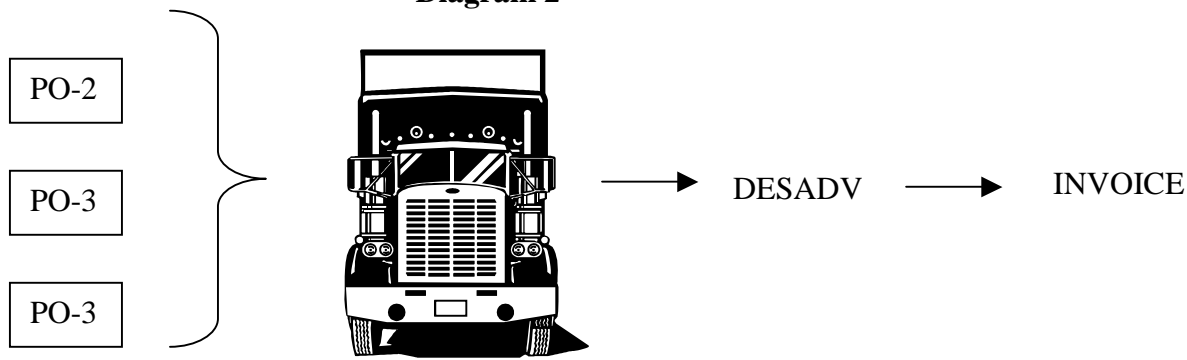


- Diagram 1 -

Alternatively, multiple purchase orders may be consolidated into one shipment. This shipment may have either one or multiple DESADVs. See diagrams 2 & 3 below:



- Diagram 2 -



- Diagram 3 -

Despatch Advice Implementation Rules – general

These implementation rules below need to be verified in the Retail, Automotive Aftermarket and other industries.

1. The despatch advice message may be used to indicate the despatch of goods to be delivered, or the despatch of goods being returned.
2. The message should always be sent such that it is timed to be available to the receiver well ahead of the expected delivery.
3. Each despatch advice relates either to one purchase order if possible, or multiple purchase orders. There may be multiple despatch advices to cover the one purchase order.
4. Each delivery must be accompanied by its own despatch advice, so if multiple trucks deliver a shipment then there must be corresponding multiple despatch advices; one per delivery.
5. Physical pack rules: one order per container unless otherwise agreed with your Trading Partner.
6. Each despatch advice relates to only one ST-Ship To location (header NAD segment). This could be a single store or a single Distribution Centre (DC).
7. The Shipment Level is Required (mandatory) on every Despatch Advice.
8. Line items (LIN) to be expressed at the lowest packaging level, (also may be used as a dummy to introduce the store level LOC).
9. A Tare i.e. logistics unit (e.g. pallet) that is being shipped to a DC to be broken down for routing cartons to multiple store destinations, will be shown at Tare level, directly under Store level. (The store level will show the LOC of the destination store).

DESADV Despatch Advice Message

Notes:

Automotive Aftermarket Message Implementation Guideline, Despatch Advice Pilot v1.0 June 2003

Heading Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
3	0010	UNH	Message Header	M	M	1		
4	0020	BGM	Beginning of Message	M	M	1		
5	0030	DTM	Date/Time/Period	C	R	10		
6	0040	ALI	Additional Information	C	Rec	5		
	0070		Segment Group 1	C	D		10	
8	0080	RFF	Reference	M	M	1		
9	0090	DTM	Date/Time/Period	C	O	1		
	0100		Segment Group 2	C	R		10	
11	0110	NAD	Name and Address	M	M	1		
14	0120	LOC	Place/Location Identification	C	O	10		
	0130		Segment Group 3	C	O		10	
16	0140	RFF	Reference	M	M	1		

Detail Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0370		Segment Group 10	C	R		9999	
18	0380	CPS	Consignment Packing Sequence	M	M	1		
	0400		Segment Group 11	C	D		9999	
20	0410	PAC	Package	M	M	1		
22	0420	MEA	Measurements	C	O	10		
	0470		Segment Group 13	C	O		1000	
24	0480	PCI	Package Identification	M	M	1		
	0520		Segment Group 14	C	D		99	
26	0530	GIN	Goods Identity Number	M	M	1		
	0550		Segment Group 15	C	O		9999	
28	0560	LIN	Line Item	M	M	1		
29	0570	PIA	Additional Product Id	C	O	10		
31	0600	QTY	Quantity	C	D	10		
	0680		Segment Group 16	C	D		10	
33	0690	RFF	Reference	M	M	1		
34	0700	DTM	Date/Time/Period	C	O	1		
	0750		Segment Group 18	C	O		100	
36	0760	LOC	Place/Location Identification	M	M	1		
	0830		Segment Group 20	C	O		9999	
38	0840	PCI	Package Identification	M	M	1		
39	0850	DTM	Date/Time/Period	C	O	5		
	0880		Segment Group 21	C	D		10	
41	0890	GIN	Goods Identity Number	M	M	1		
	0910		Segment Group 22	C	O		10	
43	0920	HAN	Handling Instructions	M	M	1		
	0950		Segment Group 23	C	O		10	

Automotive Aftermarket Message Implementation Guidelines

45	0960	QVR	Quantity Variances	M	M	1	
46	0970	DTM	Date/Time/Period	C	O	5	

Summary Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
47	0980	CNT	Control Total	C	O	5		
48	0990	UNT	Message Trailer	M	M	1		

Segment: **UNH** Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the Despatch advice message is DESADV.

Note: Despatch advice messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 DESADV 0052 D 0054 96A 0051 UN

Notes: Segment Notes.

DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Despatch Advice message based on the D.96A directory under the control of the United Nations.

DE0057: Indicates that the message is the EANCOM version 005 of the UNSM Despatch Advice.

Example :

UNH+ME000001+DESADV:D:93A:UN:EAN004'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
0062		MESSAGE REFERENCE NUMBER	M an..14	M	
Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be identical. Sender generated.					
S009		MESSAGE IDENTIFIER	M	M	
	0065	Message type identifier	M an..6	M	
	THIS HAS AN EANCOM RESTRICTED CODE LIST.				
	<i>DESADV Despatch advice message</i>				
	0052	Message type version number	M an..3	M	
	THIS HAS AN EANCOM RESTRICTED CODE LIST.				
	0054	Message type release number	M an..3	M	
THIS HAS AN EANCOM RESTRICTED CODE LIST.					
0051		Controlling agency	M an..2	M	
	THIS HAS AN EANCOM RESTRICTED CODE LIST.				
<i>UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)</i>					
0057		Association assigned code	C an..6	R	
	THIS HAS AN EANCOM RESTRICTED CODE LIST.				
<i>EAN005 EAN Version control number.</i>					
0068		COMMON ACCESS REFERENCE	C an..35	X	
S010		STATUS OF THE TRANSFER	C	X	
	0070	Sequence message transfer number	M n..2	X	
	0073	First/last sequence message transfer indication	C a1	X	

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment for unique identification of the Despatch Advice document, by means of its name and its number.
Notes: Segment Notes.

All references other than the document number DE 1004 are to be put in the RFF segment.

DE 1004: It is recommended that the length of the document number be restricted to a maximum of 17 characters.

Example :

BGM+351+DES587441'

Dependency Notes :

Data element 3055 is only included when the EAN code value 35E to indicate returns advice is used.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
C002	1001	DOCUMENT/MESSAGE NAME	C	R	
		Document/message name, coded	C an..3	R	
		THIS HAS AN EANCOM RESTRICTED CODE LIST.			
		351	Despatch advice		
		35E	Returns advice (EAN Code)		
		YA5	Cross Dock Despatch		
1131	Code list qualifier	C an..3	X		
3055	Code list responsible agency, coded	C an..3	D		
THIS HAS AN EANCOM RESTRICTED CODE LIST.					
	9	EAN (International Article Numbering association)			
1004	1000	Document/message name	C an..35	X	
		DOCUMENT/MESSAGE NUMBER	C an..35	R	
Despatch Advice number assigned by the document sender.					
1225		MESSAGE FUNCTION, CODED	C an..3	R	
		THIS HAS AN EANCOM RESTRICTED CODE LIST.			
		5	Replace		
		Approved by EAN Intn. at Jan'99 GCC meeting			
		7	Duplicate		
		A retransmission involving the same parties on the specific request of the receiver.			
		9	Original		
An original transmission of a Despatch advise					
31		Copy			
		A copy of a despatch advice for a third party for information purposes.			
4343		RESPONSE TYPE, CODED	C an..3	X	

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 10
Purpose: Date/time/period related to the whole message. The DTM segment must be specified at least once to identify the Despatch Advice date.
Notes: Segment Notes.

This segment is used to specify the date of the Despatch Advice or any dates related to the delivery of goods.

DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in the despatch advice.

Example :

DTM+137:19971101:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
	2005	Date/time/period qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST.		
		11	<i>Despatch date and or time</i>	
		17	<i>Delivery date/time, estimated</i>	
		137	<i>Document/message date/time</i>	
			Code 137 - This is the date/time stamp of the Despatch Advice message	
		234	<i>Collection date/time, earliest</i>	
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102	<i>CCYYMMDD</i>	
		203	<i>CCYYMMDDHHMM</i>	

Segment: **ALI** Additional Information
Position: 0040
Group:
Level: 1
Usage: Conditional (Advised)
Max Use: 5
Purpose: A segment indicating that the message is subject to special conditions due to origin, customs preference or commercial factors.
Notes: The Automotive Aftermarket recommends the use of segment ALI to at least indicate whether the shipment is complete or is a split shipment.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3239		COUNTRY OF ORIGIN, CODED	C an..3	X
9213		TYPE OF DUTY REGIME, CODED	C an..3	X
4183		SPECIAL CONDITIONS, CODED	C an..3	R
		164 Complete Shipment		
		165 Split Shipment		
		X6 Standard Pack Shipment		
		X7 Pick Pack Shipment		
4183		SPECIAL CONDITIONS, CODED	C an..3	O
		164 Complete Shipment		
		165 Split Shipment		
4183		SPECIAL CONDITIONS, CODED	C an..3	X
4183		SPECIAL CONDITIONS, CODED	C an..3	X
4183		SPECIAL CONDITIONS, CODED	C an..3	X

Automotive Aftermarket Message Implementation Guidelines

Group: **RFF** Segment Group 1: Reference
Position: 0070
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 10
Purpose: A group of segments giving references where necessary, their dates relating to the whole message, e.g. contract number.
Notes: Dependency rule: Must be used if not used within LIN loop. Each DESADV must refer back to a previous document, usually the purchase order(s).

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0080	RFF	Reference	M	1	
O	0090	DTM	Date/Time/Period	C	1	

Segment: **RFF** Reference
Position: 0080 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment for referencing documents relating to the whole despatch advice message, e.g. purchase orders, delivery instructions, import/export license.
Notes: Segment Notes.

This segment is used to provide references that apply to the whole transaction.
 Example :
 RFF+AAJ:12332'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506	1153	REFERENCE Reference qualifier	M M an..3	M M
		THIS HAS AN EANCOM RESTRICTED CODE LIST.		
		<i>AAN</i>	<i>Delivery schedule number</i>	
			This refers to the Supplier's Shipment Number	
		<i>BM</i>	<i>Bill of lading number</i>	
		<i>BO</i>	<i>Blanket order number</i>	
		<i>CN</i>	<i>Carrier's reference number</i>	
			The Carrier's reference number is optional and specified if available. E.G Consignment Number	
		<i>IV</i>	<i>Invoice number</i>	
			If available the invoice number is required to be specified.	
		<i>ON</i>	<i>Order number (purchase)</i>	
			The Automotive Aftermarket industry advises that this code is Required either here or in the LIN/RFF segment.	
	1154	Reference number	C an..35	R
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X

Segment: **DTM** Date/Time/Period
Position: 0090
Group: SG1
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: Date/time/period from the referred document.

Notes: Segment Notes.

This segment is used to specify dates relating to the references given in the previous RFF segment.

DTM+171:19971101:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
	2005	Date/time/period qualifier	M an..3	M
THIS HAS AN EANCOM RESTRICTED CODE LIST.				
		<i>171 Reference date/time</i>		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		<i>102 CCYMMDD</i>		
		<i>203 CCYMMDDHHMM</i>		

Automotive Aftermarket Message Implementation Guidelines

Group: **NAD** Segment Group 2: Name and Address
Position: 0100
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 10
Purpose: A group of segments identifying names, addresses, locations, and required supporting documents relevant to the whole Despatch Advice.

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0110	NAD	Name and Address	M	1	
O	0120	LOC	Place/Location Identification	C	10	
	0130		Segment Group 3: Reference	C		10

Segment: **NAD** Name and Address
Position: 0110 (Trigger Segment)
Group: SG2
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment for identifying names, addresses, and their functions relevant to the whole Despatch Advice. Identification of the parties involved is recommended for the Despatch Advice message, and is to be given in the NAD segment. It is recommended that where possible, only the coded form of the party ID should be specified, e.g. the buyer and seller are known to each other, thus only the coded ID is required. The consignee or delivery address may vary and would have to be clearly specified, preferably in structured format.

Notes: Segment Notes.

This segment is used to identify the trading partners involved in the Despatch Advice message. Identification of the supplier and buyer is mandatory in the Despatch Advice. Identification of the shipper and delivery party is recommended, when different from the supplier or buyer.

The delivery address in NAD is the main delivery address valid for all line items. It can be overridden at line level by the use of the Segment Group 18 (LOC-DTM-QTY) in which multiple delivery addresses can be specified for split deliveries.

If coded address information can not be used it is recommended to use a structured address (C080 through 3207).

DE 3039: For identification of parties it is recommended to use EAN location numbers.

Example :

NAD+BY+5411234512300::9'
 NAD+SU+5412345123450::9'

Dependency Notes :

The following composites and data elements are only used when a coded name and address can not be used. The affected composites and data elements are as follows:

C080 - C059 - 3164 - 3229 - 3251 - 3207

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY QUALIFIER	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
	<i>BS</i>	<i>Bill and ship to</i>		Invoice and ship to is the same
	<i>BY</i>	<i>Buyer</i>		Buyer may be a store or a buying group
	<i>IV</i>	<i>Invoicee</i>		Invoicee - party to whom the invoice is made out and sent.
	<i>ST</i>	<i>Ship to</i>		Usually a Ship-To location is always provided in the header, whether it be a store location for DTS or a DC location for bulk shipment or cross dock. This is recommended. However, some retail implementations may chose to omit the ST and use the store level structure to infer DTS to all identified stores.

	<i>SU</i>	<i>Supplier</i>		
	<i>UD</i>	<i>Ultimate customer</i>		
		Use UD only when the whole order is to be delivered to the ultimate customer, who is usually the customer who has purchase an item/s direct to home delivery. When UD is used, the name and address have to be specified in the NAD segment.		
C082		PARTY IDENTIFICATION DETAILS	C	Re c
		If code UD=Ultimate Customer is used in DE3035, then C082 is not necessary because it would be unlikely that the home delivery customer would have an EAN Global Location Number nor an internal party id assigned by the retailer.		
3039		Party id. identification	M an..35	M
		EAN Global Location Number - Format n13		
		The Automotive Aftermarket industry recommends the use of the EAN Global Location Number for EANCOM compliance e.g 1234567890128. (NB: The GLN must include a correctly calculated check-digit) . If a GLN is not used to identify the party, then use the RFF segment in the LOC segment.		
		The Automotive Aftermarket industry recognises the issue of migration from existing party identifications to GLNs. For Australian domestic use only, when GLNs are not available, and due to existing data exchange systems, non-GLNs can be used in DE3039.		
		For new participants to electronic data exchange using the Automotive Aftermarket standards it is recommended that if non-GLNs are the only option, then use RFF in LOC to specify the non-EAN party id.		
		If the order is for a delivery to the ultimate customer and where code UD is used in DE3035, then DE3039, DE1131 and DE3055 need not be used.		
		If code UD is used in DE3035, then the Automotive Aftermarket recommends the use of DE3036 for the delivery-to customer's name, and at least two and a maximum of three iterations of DE3042, DE3164 for the suburb and DE3251 for the postal code.		
1131		Code list qualifier	C an..3	X
3055		Code list responsible agency, coded	C an..3	R
		THIS HAS AN EANCOM RESTRICTED CODE LIST.		
	9	EAN (International Article Numbering association)		
	91	Assigned by seller or seller's agent		
		Code 91 is not recommended by the Automotive Aftermarket industry however it is only valid for use when the party, already doing data exchange, is using a non-EAN number. Code 91 has been allowed for migration purposes only.		
	92	Assigned by buyer or buyer's agent		
		Code 92 is not recommended by the Automotive Aftermarket industry , however it is only valid for use when the party, already doing data exchange, is using a non-EAN number. Code 92 has been allowed for migration purposes only.		
C058		NAME AND ADDRESS	C	X
	3124	Name and address line	M an..35	X
	3124	Name and address line	C an..35	X
	3124	Name and address line	C an..35	X
	3124	Name and address line	C an..35	X
	3124	Name and address line	C an..35	X
C080		PARTY NAME	C	O
		For direct to customer deliveries i.e. where the whole order will be delivered to the customer, whose name and address appears below.		
	3036	Party name	M an..35	M
		Party Name in clear text. E.g. F SMITH		
	3036	Party name	C an..35	O

Automotive Aftermarket Message Implementation Guidelines

		The second iteration is used when a "care-of" name is needed to be specified E.g. C/O MARGARET PARKER			
	3036	Party name	C	an..35	X
	3036	Party name	C	an..35	X
	3036	Party name	C	an..35	X
	3045	Party name format, coded	C	an..3	X
C059		STREET	C		O
	3042	Street and number/p.o. box	M	an..35	M
		Building Name/Number and Street E.g. CITY TOWERS			
	3042	Street and number/p.o. box	C	an..35	O
		Name and/or P.O. Box E.g. 18TH FLOOR			
	3042	Street and number/p.o. box	C	an..35	O
		Use this line for the third iteration of the street and number E.g. 123 WEST TERRACE			
	3042	Street and number/p.o. box	C	an..35	X
3164		CITY NAME	C	an..35	O
		City/Town, clear text. E.g. ADELAIDE			
3229		COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	O
		County/State in clear text. E.g. SA			
3251		POSTCODE IDENTIFICATION	C	an..9	O
		Postal Code E.g. 5000			
3207		COUNTRY, CODED	C	an..3	D
		For overseas use only.			

Segment: **LOC** Place/Location Identification
Position: 0120
Group: SG2
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment indicating more details regarding specific places/locations related to the party specified in the NAD segment, e.g. internal site/building number.

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		PLACE/LOCATION QUALIFIER	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST.		
		7	<i>Place of delivery</i>	
C517		LOCATION IDENTIFICATION	C	R
	3225	Place/location identification	C an..25	R
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		9	<i>EAN (International Article Numbering association)</i>	
		91	<i>Assigned by seller or seller's agent</i>	
		92	<i>Assigned by buyer or buyer's agent</i>	
	3224	Place/location	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION	C	X
	3223	Related place/location one identification	C an..25	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3222	Related place/location one	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION	C	X
	3233	Related place/location two identification	C an..25	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X

Group: **RFF** Segment Group 3: Reference
Position: 0130
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving references relevant only to the specified party rather than the whole message.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0140	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0140 (Trigger Segment)
Group: SG2-SG3
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment for referencing documents relating to the party specified by the NAD segment.

Notes: Segment Notes.

This RFF segment is used to specify references related to the party identified in the previous NAD segment.

Example :

RFF+VA:6558774'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
	1153	Reference qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST.		
		<i>API</i>	<i>Additional party identification (EAN Code)</i>	
		<i>IA</i>	<i>Internal vendor number</i>	
	1154	Reference number	C an..35	R
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X

Group: **CPS** Segment Group 10: Consignment Packing Sequence
Position: 0370
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 9999
Purpose: A group of segments providing details of all package levels and of the individual despatched items contained in the consignment. This segment group provides the capability to give the hierarchical packing relationships. The group defines a logical top-down order structure. The lowest level package information of the hierarchy is followed by the detail product information.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0380	CPS	Consignment Packing Sequence	M	1	
	0400		Segment Group 11: Package	C		9999
	0550		Segment Group 15: Line Item	C		9999

Segment: **CPS** Consignment Packing Sequence
Position: 0380 (Trigger Segment)
Group: SG10
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the sequence in which packing of the consignment occurs, e.g. boxes loaded onto a pallet.
Notes: Segment Notes.

This segment is used to identify the sequence in which packing of the consignment occurs.

Please refer to the Structure of the Despatch Advice Message section in the introduction for details on the use of the CPS segment (see pages 2 to 5).

Example :

CPS+1'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7164		HIERARCHICAL ID. NUMBER Sequential numbering recommended. Number given to this CPS record	M an..12	M
7166		HIERARCHICAL PARENT ID. Number of Parent CPS record.	C an..12	Rec
7075		PACKAGING LEVEL, CODED	C an..3	O
	<i>1</i>	Inner This will mean, level immediately below shipment or tare levels. In the Automotive Aftermarket industry this will be the lowest unit level. Only used if cartons are not line items e.g. in the case of mixed cartons.		
	<i>2</i>	Intermediate This will mean, the pallet/tare level. Tare level is optional for logistics unit e.g. pallet		
	<i>3</i>	Outer This will mean "Final" Location Level (i.e. Store) Used for Cross Dock supply.		
	<i>1E</i>	Shipment This code will relate to the combined shipment totals levels. 1E=Highest. Level of packaging, if it exist, which is highest in the packaging hierarchy.		

Automotive Aftermarket Message Implementation Guidelines

Group: **PAC** Segment Group 11: Package
Position: 0400
Group: Segment Group 10 (Consignment Packing Sequence) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 9999
Purpose: A group of segments identifying packaging, physical dimensions, marks and numbers, quantities, date and time information, handling information and information about packing at this level.
Notes: Dependency rule: This loop must be used if CPS.7075 = 1E (Shipment).

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0410	PAC	Package	M	1	
O	0420	MEA	Measurements	C	10	
	0470		Segment Group 13: Package Identification	C		1000

Segment: **PAC** Package
Position: 0410 (Trigger Segment)
Group: SG10-SG11
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the number and type of the packages/physical units and the physical type of packaging for the despatched goods.
Notes: Segment Notes.

This PAC segment can be used to identify the total number of packages per hierarchical level identified in the CPS segment, in a shipment. The contents of each package is subsequently described in the following LIN segment.

Please refer to the 'Structure of the Despatch Advice Message' section in the introduction for details on the use of the PAC segment (see pages 2 to 6).

Example :

PAC+10++PK'

Dependency Notes :

Composite C532 is only used where the packaging being described is returnable. This composite identifies who is responsible for payment of its return.

DE 3055: Code 9 in this data element is used only when EAN codes are used in DE 7065

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
7224		NUMBER OF PACKAGES	C n..8	R
		Number of packages of this type for shipment (n..8)		
C531		PACKAGING DETAILS	C	X
	7075	Packaging level, coded	C an..3	X
	7233	Packaging related information, coded	C an..3	X
	7073	Packaging terms and conditions, coded	C an..3	X
C202		PACKAGE TYPE	C	Re
	7065	Type of packages identification	C an..17	R
		<i>09 Returnable pallet (EAN Code)</i>		
		<i>BA Barrel</i>		
		<i>BE Bundle</i>		
		<i>BG Bag</i>		
		<i>BX Box</i>		
		<i>CT Carton</i>		
		<i>CX Can, cylindrical</i>		
		<i>DR Drum</i>		
		<i>PK Package</i>		
		<i>SL Slipsheet</i>		
		<i>SO Spool</i>		
		<i>TB Tub</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		<i>9 EAN (International Article Numbering association)</i>		
	7064	Type of packages	C an..35	X
C402		PACKAGE TYPE IDENTIFICATION	C	X
	7077	Item description type, coded	M an..3	X
	7064	Type of packages	M an..35	X

Automotive Aftermarket Message Implementation Guidelines

	7143	Item number type, coded	C	an..3	X
	7064	Type of packages	C	an..35	X
	7143	Item number type, coded	C	an..3	X
C532		RETURNABLE PACKAGE DETAILS	C		X
	8395	Returnable package freight payment responsibility, coded	C	an..3	X
	8393	Returnable package load contents, coded	C	an..3	X

Segment: **MEA** Measurements
Position: 0420
Group: SG10-SG11
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment specifying physical measurements of the packages/physical units described in the PAC segment.
Notes: For the Automotive Aftermarket industry this segment is optional.

Segment Notes.

This segment is used to provide measurements relevant to the packaging unit and level described in the PAC segment.

Example :

MEA+PD+AAA+KGM:12'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6311		MEASUREMENT APPLICATION QUALIFIER <i>PD Physical dimensions (product ordered)</i>	M an..3	M
C502	6313	MEASUREMENT DETAILS Measurement dimension, coded <i>AAB Unit gross weight</i> <i>ABJ Volume</i> <i>HT Height dimension</i> <i>LN Length dimension</i> <i>WD Width dimension</i>	C C an..3	R R
	6321	Measurement significance, coded	C an..3	X
	6155	Measurement attribute, coded	C an..3	X
	6154	Measurement attribute	C an..70	X
C174		VALUE/RANGE	C	R
	6411	Measure unit qualifier <i>CMT Centimetre</i> <i>KGM Kilogram</i> <i>LTR Litre (1 dm3)</i> Litre (1 dm3) <i>MTQ Cubic metre</i>	M an..3	M
	6314	Measurement value Use a maximum of 3 decimal places when specifying cubic volume. Other measurement values use a maximum of 3 decimal places.	C n..18	R
	6162	Range minimum	C n..18	X
	6152	Range maximum	C n..18	X
	6432	Significant digits	C n..2	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

Automotive Aftermarket Message Implementation Guidelines

Group: **PCI** Segment Group 13: Package Identification
Position: 0470
Group: Segment Group 11 (Package) Conditional (Dependent)
Level: 3
Usage: Conditional (Optional)
Max Use: 1000
Purpose: A group of segments specifying markings, labels, and packing numbers.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0480	PCI	Package Identification	M	1	
	0520		Segment Group 14: Goods Identity Number	C		99

Segment: **PCI** Package Identification
Position: 0480 (Trigger Segment)
Group: SG10-SG11-SG13
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying markings and/or labels used on individual physical units (packages) described in the PAC segment.
Notes: Segment Notes.

This PCI segment is used to provide markings and labels information relevant to the packaging unit and level identified in the PAC segment.

Example :

PCI+33E'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4233		MARKING INSTRUCTIONS, CODED	C an..3	O
		<i>17 Seller's instructions</i>		
		<i>33E Marked with serial shipping container code (EAN Code)</i>		
		<i>34E Marked with EAN/UPC number (EAN Code)</i>		
		<i>36E Marked with batch number (EAN Code)</i>		
		<i>IEN Package Identity Number (EAN Code)</i>		
		Used for serial #		
C210		MARKS & LABELS	C	D
		Marks and numbers identifying individual packages. DE7102 is only used if Code 17 is in DE4233.		
	7102	Shipping marks	M an..35	M
	7102	Shipping marks	C an..35	O
		Marks and numbers identifying individual packages.		
	7102	Shipping marks	C an..35	O
		Marks and numbers identifying individual packages.		
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
	7102	Shipping marks	C an..35	X
8275		CONTAINER/PACKAGE STATUS, CODED	C an..3	X
C827		TYPE OF MARKING	C	X
	7511	Type of marking, coded	M an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X

Group: **GIN** Segment Group 14: Goods Identity Number
Position: 0520
Group: Segment Group 13 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Dependent)
Max Use: 99
Purpose: A group of segments giving package identification numbers and, where relevant, delivery limitation information.
Notes: Dependency rule: Must be used when 4233 = codes other than 17, not used with 4233 = 17.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0530	GIN	Goods Identity Number	M	1	

Segment: **GIN** Goods Identity Number
Position: 0530 (Trigger Segment)
Group: SG10-SG11-SG13-SG14
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment providing the identity numbers of packages being despatched.
Notes: Segment Notes.

This segment is used to provide identification numbers relevant to the packaging unit and level identified in the PAC segment.

In EANCOM it is recommended to use the Serial Shipping Container Code (SSCC) for unique identification of individual transport packages.

Example :

GIN+BJ+354123450000000014'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7405		IDENTITY NUMBER QUALIFIER	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>BJ</i> Serial shipping container code		
		<i>BN</i> Serial number		
		May be used to identify specific serial number of the transport unit		
		<i>BX</i> Batch number		
		May be used to identify specific batch number of the transport unit		
		<i>EU</i> EAN / UPC number (EAN Code)		
C208		IDENTITY NUMBER RANGE	M	M
	7402	Identity number	M an..35	M
		EAN/UCC-14 trade unit number, SSCC # (n18)		
	7402	Identity number	C an..35	O
C208		IDENTITY NUMBER RANGE	C	O
	7402	Identity number	M an..35	M
	7402	Identity number	C an..35	O
C208		IDENTITY NUMBER RANGE	C	O
	7402	Identity number	M an..35	M
	7402	Identity number	C an..35	O
C208		IDENTITY NUMBER RANGE	C	O
	7402	Identity number	M an..35	M
	7402	Identity number	C an..35	O

Automotive Aftermarket Message Implementation Guidelines

Group: **LIN** Segment Group 15: Line Item
Position: 0550
Group: Segment Group 10 (Consignment Packing Sequence) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments providing details of the individual despatched items.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0560	LIN	Line Item	M	1	
O	0570	PIA	Additional Product Id	C	10	
D	0600	QTY	Quantity	C	10	
	0680		Segment Group 16: Reference	C		10
	0750		Segment Group 18: Place/Location Identification	C		100
	0830		Segment Group 20: Package Identification	C		9999
	0950		Segment Group 23: Quantity Variances	C		10

Segment: **LIN** Line Item
Position: 0560 (Trigger Segment)
Group: SG10-SG15
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the product being despatched.
 All other segments in the detail section following the LIN segment refer to that line item.
Notes: Segment Notes.

This segment is used to identify the line item being despatched.

Example :

LIN+1++5412345123453:EN'

Dependency Notes :

C212: This composite is only used for the identification of EAN/UPC codes. If another coding structure is required, e.g. HIBC, this composite will not be used and the code will be detailed in the PIA segment.

DE C829 and 7083: These data elements are used only used when sub-lines are required.

FOR A COMPLETE DESCRIPTION ON THE USAGE OF SUB-LINES PLEASE REFER TO PART I, SECTION 4.11 .

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1082		LINE ITEM NUMBER	C n..6	R
		Application generated number of the item lines within the Despatch Advice.		
1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3	X
C212		ITEM NUMBER IDENTIFICATION	C	D
	7140	Item number	C an..35	R
		Format n..14 EAN/UCC-8, UCC-12, EAN/UCC-13, or EAN/UCC-14 - this is the number of the article being despatched.		
		The Automotive Aftermarket industry restricts the use of only EAN/UCC numbers in DE7140. If none EAN.UCC numbers are used, then it is recommended that the PIA segment is used.		
	7143	Item number type, coded	C an..3	R
		THIS HAS AN EANCOM RESTRICTED CODE LIST.		
		<i>EN International Article Numbering Association (EAN)</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C829		SUB-LINE INFORMATION	C	X
	5495	Sub-line indicator, coded	C an..3	X
	1082	Line item number	C n..6	X
1222		CONFIGURATION LEVEL	C n..2	X
7083		CONFIGURATION, CODED	C an..3	X

Segment: **PIA** Additional Product Id
Position: 0570
Group: SG10-SG15
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment providing additional product identification.
Notes: This segment is used to specify additional or substitutional item identification codes such as a buyers, or sellers item number.

The Automotive Aftermarket industry requires code 5 to be used if no EAN.UCC number is specified in the preceding LIN segment.

Code 5 - Product Identification - To provide an additional product identification which is of equal importance or significance to the code provided in the LIN segment. EAN/UPC article number should not be used in conjunction with this code value. It should be noted that when this code is used, the product code specified here is the code which should be used for invoicing purposes

Examples :

PIA+5+RA141S-R:SA'

This example details the supplier item code RA141S-R which is provided as the primary product code because no EAN.UCC item number was provided in the LIN segment.

Code 1 - Additional Identification - To provide an additional identity for the product identified in the LIN segment. The additional identification can consist of :

A supplemental identification which provides more information complementary to the main trade item number provided in the LIN segment, e.g., a batch number, promotional variant number, product group number, etc.

An alternative identification which may be used where no main trade item number has been provided in the LIN segment, e.g., a buyers article number, an HIBC code, etc.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4347		PRODUCT ID. FUNCTION QUALIFIER	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST.		
		<i>1</i>	<i>Additional identification</i> The use of Code 1 is to give additional text information to assist in "trouble shooting" e.g. buyer's key code or item description.	
		<i>4</i>	<i>Substituted for</i> The identifier of the originally ordered item is shown here in the PIA segment. The item that has been substituted is identified either in the LIN segment (if using GTIN) or in a repeat of the PIA segment with 4347 = 5).	
		<i>5</i>	<i>Product identification</i> Used when there is no EAN/UCC number to reference the item.	
C212		ITEM NUMBER IDENTIFICATION	M	M
	7140	Item number	C an..35	R
	7143	Item number type, coded	C an..3	R
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>IN</i>	<i>Buyer's item number</i>	

The use of this code is for information only and will not be used to identify the product.

SA

Supplier's article number

Used when the supplier's model number is used as the item number.

	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
C212		ITEM NUMBER IDENTIFICATION	C		X
	7140	Item number	C	an..35	X
	7143	Item number type, coded	C	an..3	X
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
C212		ITEM NUMBER IDENTIFICATION	C		X
	7140	Item number	C	an..35	X
	7143	Item number type, coded	C	an..3	X
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
C212		ITEM NUMBER IDENTIFICATION	C		X
	7140	Item number	C	an..35	X
	7143	Item number type, coded	C	an..3	X
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X
C212		ITEM NUMBER IDENTIFICATION	C		X
	7140	Item number	C	an..35	X
	7143	Item number type, coded	C	an..3	X
	1131	Code list qualifier	C	an..3	X
	3055	Code list responsible agency, coded	C	an..3	X

Segment: **QTY** Quantity
Position: 0600
Group: SG10-SG15
Level: 3
Usage: Conditional (Dependent)
Max Use: 10
Purpose: A segment to give quantity information concerning the product.
Notes: Segment Notes.

This segment is used to specify the quantity of the product identified in the LIN segment which is about to be, or, has been despatched.

Dependency note: Must be used except when dummy LIN is being used to introduce LOC+8 for store level.

Example :

QTY+12:400'

Dependency Notes :

DE 6411: This DE is only used if the product being identified is of variable quantity.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
C186		QUANTITY DETAILS	M	M	
	6063	Quantity qualifier	M an..3	M	
	THIS HAS AN EANCOM RESTRICTED CODE SET.				
		12	<i>Despatch quantity</i>		
			Required		
		21	<i>Ordered quantity</i>		
	6060	Quantity		M n..15	M
	6411	Measure unit qualifier		C an..3	D
		EA	<i>Each</i>		
			Code EA is used to rference the unit of measure of the item number specified in the PIA segment in DE7140		
	GRM	<i>Gram</i>			
	KGM	<i>Kilogram</i>			
	LTR	<i>Litre (1 dm3)</i>			
	MTK	<i>Square metre</i>			
	MTQ	<i>Cubic metre</i>			
	MTR	<i>Metre</i>			
	TNE	<i>Metric ton (1000kg)</i>			

Group: **RFF** Segment Group 16: Reference
Position: 0680
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Dependent)
Max Use: 10
Purpose: A group of segments to give reference numbers and dates.
Notes: Dependency rule: Must be used if not used in header to refer back to originating document.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0690	RFF	Reference	M	1	
O	0700	DTM	Date/Time/Period	C	1	

Segment: **RFF** Reference
Position: 0690 (Trigger Segment)
Group: SG10-SG15-SG16
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying documents related to the line item.
Notes: Segment Notes.

This segment is used to specify any references which are for the line item only.

Example :

RFF+CT:CT051523'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506	1153	REFERENCE Reference qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST. <i>LI</i> Line item reference number <i>ON</i> Order number (purchase)		
	1154	Reference number	C an..35	D
		Dependency rule: Usually used with 1153 = ON to reference the purchase order this item is from. If there is only one order covered by this DESADV then it may be quoted in the header, with only the line number quoted here in 1156.		
	1156	Line number	C an..6	D
		Dependency rule: Must be used when 1153 = LI, otherwise optional.		
	4000	Reference version number	C an..35	X

Segment: **DTM** Date/Time/Period
Position: 0700
Group: SG10-SG15-SG16
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment for date/time/period relative to the referred document.

Notes: Segment Notes.

This segment is used to specify dates relating to the references given in the preceding RFF segment.

Example :

DTM+171:19971001:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
	2005	Date/time/period qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		171 Reference date/time		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R

Group: **LOC** Segment Group 18: Place/Location Identification
Position: 0750
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 100
Purpose: A group of segments giving location information and where relevant, additional addresses, date and time, and quantities.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0760	LOC	Place/Location Identification	M	1	

Segment: **LOC** Place/Location Identification
Position: 0760 (Trigger Segment)
Group: SG10-SG15-SG18
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying a specific location to which products will be delivered.
Notes: Segment Notes.

This segment is used to identify the location of delivery for a split delivery despatch advice. This segment can also be used to identify a delivery location for a specific line item which might be different to the delivery locations specified in the NAD or LOC segment in the heading section.

It is recommended that EAN location numbers be used to identify delivery locations.

Example :

LOC+7+5412345678908::9'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3227		PLACE/LOCATION QUALIFIER	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST.		
		8 <i>Place of destination</i>		
		This will mean Ultimate destination (not Ship To) e.g. Store		
C517		LOCATION IDENTIFICATION	C	Re
	3225	Place/location identification	C an..25	Rec
		EAN Location Code - Format n13		
		While it is recommended that EAN Global Location Numbers be used to identify location for split deliveries, due to migration issues, Buyer Assigned id (as allowed by EANCOM) may be used for split delivery identifications.		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		9 <i>EAN (International Article Numbering association)</i>		
		92 <i>Assigned by buyer or buyer's agent</i>		
	3224	Place/location	C an..70	X
C519		RELATED LOCATION ONE IDENTIFICATION	C	X
	3223	Related place/location one identification	C an..25	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3222	Related place/location one	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION	C	X
	3233	Related place/location two identification	C an..25	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X

Group: **PCI Segment Group 20: Package Identification**
Position: 0830
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments identifying one specific package or a number of packages, their marks and numbers, measurements, quantities, date and time information and handling instructions.

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0840	PCI	Package Identification	M	1	
O	0850	DTM	Date/Time/Period	C	5	
	0880		Segment Group 21: Goods Identity Number	C		10
	0910		Segment Group 22: Handling Instructions	C		10

Segment: **PCI** Package Identification
Position: 0840 (Trigger Segment)
Group: SG10-SG15-SG20
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying marking and labels used on individual packages or a range of packages.
Notes: Segment Notes.

This segment is used to provide markings and labels information relevant to the product identified in the LIN segment.

Example :

PCI+33E'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4233		MARKING INSTRUCTIONS, CODED	C an..3	O
		17 <i>Seller's instructions</i>		
		33E <i>Marked with serial shipping container code (EAN Code)</i>		
		34E <i>Marked with EAN/UPC number (EAN Code)</i>		
		36E <i>Marked with batch number (EAN Code)</i>		
		IEN <i>Package Identity Number (EAN Code)</i>		
C210		MARKS & LABELS	C	D
		Dependency rule: Must be used when 4233 = 17, otherwise use GIN.		
	7102	Shipping marks	M an..35	M
	7102	Shipping marks	C an..35	O
	7102	Shipping marks	C an..35	O
	7102	Shipping marks	C an..35	O
	7102	Shipping marks	C an..35	O
	7102	Shipping marks	C an..35	O
	7102	Shipping marks	C an..35	O
	7102	Shipping marks	C an..35	O
	7102	Shipping marks	C an..35	O
8275		CONTAINER/PACKAGE STATUS, CODED	C an..3	X
C827		TYPE OF MARKING	C	X
	7511	Type of marking, coded	M an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X

Segment: **DTM** *Date/Time/Period*
Position: 0850
Group: SG10-SG15-SG20
Level: 4
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment giving the date/time details related to the goods within the packages e.g. expiration date.
Notes: Segment Notes.

This segment is used to provide pertinent date and time details relating to the PCI segment.

Example :

DTM+94:19970901:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
	2005	Date/time/period qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		36 <i>Expiry date</i>		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102 <i>CCYYMMDD</i>		

Group: **GIN** Segment Group 21: Goods Identity Number
Position: 0880
Group: Segment Group 20 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Dependent)
Max Use: 10
Purpose: A group of segments giving package identification numbers and, where relevant, delivery limitation information.
Notes: Dependency rule; Must be used with PCI 4233 is not 17, otherwise not used.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0890	GIN	Goods Identity Number	M	1	

Segment: **GIN** Goods Identity Number
Position: 0890 (Trigger Segment)
Group: SG10-SG15-SG20-SG21
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment providing identification numbers being applied to the packages despatched.
Notes: Segment Notes.

THIS SEGMENT IS YET TO BE FINALISED

This segment is used to provide identification numbers relevant to the packaging unit and level identified in the PAC segment.

In EANCOM it is recommended to use the Serial Shipping Container Code (SSCC's) for unique identification of individual transport packages.

Example :

GIN+BJ+354123450000000014:354123450000000106'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7405		IDENTITY NUMBER QUALIFIER	M an..3	M
		<i>BJ</i> Serial shipping container code		
		<i>BN</i> Serial number		
		<i>BX</i> Batch number		
		<i>EU</i> EAN / UPC number (EAN Code)		
C208		IDENTITY NUMBER RANGE	M	M
	7402	Identity number	M an..35	M
	7402	Identity number	C an..35	O
C208		IDENTITY NUMBER RANGE	C	O
	7402	Identity number	M an..35	M
	7402	Identity number	C an..35	O
C208		IDENTITY NUMBER RANGE	C	O
	7402	Identity number	M an..35	M
	7402	Identity number	C an..35	X
C208		IDENTITY NUMBER RANGE	C	X
	7402	Identity number	M an..35	X
	7402	Identity number	C an..35	X
C208		IDENTITY NUMBER RANGE	C	X
	7402	Identity number	M an..35	X
	7402	Identity number	C an..35	X

Automotive Aftermarket Message Implementation Guidelines

Group: **HAN** Segment Group 22: Handling Instructions
Position: 0910
Group: Segment Group 20 (Package Identification) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segment providing information on hazardous materials and handling.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0920	HAN	Handling Instructions	M	1	

Segment: **HAN** Handling Instructions
Position: 0920 (Trigger Segment)
Group: SG10-SG15-SG20-SG22
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment providing information on handling and notification of hazardous materials.
Notes: Segment Notes.

THIS SEGMENT IS YET TO BE FINALISED.

This segment is used to provide handling instructions relevant to the packaging unit and level described in the PCI segment.

Example :

HAN+EAT'

Dependency Notes :

DE 3055: This data element is only used when codes PSC, CRU, UST, HWC or STR are used in data element 4079.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C524		HANDLING INSTRUCTIONS	C	D
		Dependency rule: one of C524 or C218 must be used if this segment is used.		
	4079	Handling instructions, coded	C an..3	R
		<i>CRU</i> <i>Crushable (EAN Code)</i>		
		<i>HWC</i> <i>Handle with care (EAN Code)</i>		
		<i>PER</i> <i>Perishable cargo</i>		
		<i>RFL</i> <i>Flammable liquid</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	D
		<i>9</i> <i>EAN (International Article Numbering association)</i>		
	<i>60</i> <i>Assigned by national trade agency</i>			
C218	4078	Handling instructions	C an..70	O
		HAZARDOUS MATERIAL	C	D
	7419	Hazardous material class code, identification	C an..4	R
		UN Number		
	1131	Code list qualifier	C an..3	X
3055	Code list responsible agency, coded	C an..3	O	

Group: **QVR** Segment Group 23: Quantity Variances
Position: 0950
Group: Segment Group 15 (Line Item) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments identifying quantity variances, the reason for the variance, and, when relevant, date and time information.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0960	QVR	Quantity Variances	M	1	
O	0970	DTM	Date/Time/Period	C	5	

Segment: **QVR** Quantity Variances
Position: 0960 (Trigger Segment)
Group: SG10-SG15-SG23
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying a quantity variance and the reason for the variance.
Notes: Segment Notes.

In the Automotive Aftermarket industry the use of the QVR segment is dependent on the trading arrangements between buyer and supplier.

Where delivery has been promised and cannot be fulfilled, the buyer is to be notified as soon as possible when the supplier is aware of the situation.

This segment is used to specify any variances between what was ordered and what is ready for or has been despatched.

The quantity identified in DE 6064 must always refer to the difference between the despatched quantity identified in DE 6060 of QTY at LIN level and the ordered quantity. For negative values (e.g. damaged goods not accepted) the variance must be expressed as negative.

Example :

QVR+-50:21'

The QTY at line level identified the fact that 450 units were ordered and that 400 were being despatched, so therefore the quantity variance is 50 units.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
C279		QUANTITY DIFFERENCE INFORMATION	C	R	
	6064	Quantity difference	M n..15	M	
Specify the actual variance amount here.					
4221	6063	Quantity qualifier	C an..3	R	
		21 Ordered quantity			
		66 Committed quantity			
C960		DISCREPANCY, CODED	C an..3	O	
		BP Shipment partial - back order to follow			
		CP Shipment partial - considered complete, no backorder			
4295		REASON FOR CHANGE	C	O	
		Change reason, coded	C an..3	D	
	Dependency rule: one of 4295 or 4294 must be used if composite element C960 is used.				
		AV Out of inventory			
		AW Article withdrawn (EAN Code)			
		PC Pack difference			
		QT Quantity price break			
		SL Sale location different			
		1131 Code list qualifier	C an..3	X	
		3055 Code list responsible agency, coded	C an..3	D	
	9 EAN (International Article Numbering association)				
	4294 Change reason	C an..35	D		

Segment: **DTM** Date/Time/Period
Position: 0970
Group: SG10-SG15-SG23
Level: 4
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment to give date and time information relative to the quantity variances, e.g. proposed delivery date on the back order.
Notes: Segment Notes.

This segment is used to specify dates relevant to the quantity variance specified in the preceding QVA segment.

Example :

DTM+102:19971115:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
	2005	Date/time/period qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		17	<i>Delivery date/time, estimated</i>	
		102	<i>Expect to ship by (EAN Code)</i>	
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102	<i>CCYYMMDD</i>	

Segment: **CNT** Control Total
Position: 0980
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment by which control totals may be provided by sender for checking by the receiver.
Notes: Segment Notes.

This segment is used to provide message control information for checking on the message receiver's in-house system.

Example :

CNT+2:12'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C270		CONTROL	M	M
	6069	Control qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		1	<i>Algebraic total of the quantity values in line items in a message</i>	
		2	<i>Number of line items in message</i>	
	6066	Control value	M n..18	M
	6411	Measure unit qualifier	C an..3	X

Segment: **UNT** Message Trailer
Position: 0990
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Notes: The UNT segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Example :

UNT+45+ME000001'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0074		NUMBER OF SEGMENTS IN A MESSAGE	M n..6	M
		The total number of segments in the message is detailed here.		
0062		MESSAGE REFERENCE NUMBER	M an..14	M
		The reference number used in the UNH segment must be repeated here.		