

Invoice
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 Australian Automotive Aftermarket Industry B2B E-Commerce Project.

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

2. Disclaimer

Every possible effort has been made to ensure that the information and specifications in this document are correct, however the Automotive Aftermarket Industry work group 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

(For future changes in MIGs)

4. Data Content and Structure

The invoice message is sent from supplier to customer as a commercial invoice, tax invoice, correction of invoice or financial adjustment (debit, credit).

UNH		Message header
BGM		Invoice type, also original or duplicate.
DTM		Message date, actual delivery date and accounting date
FTX		Free text pertaining to whole invoice
RFF		References to delivery docket/despatch advice, previous invoice, purchase order, consignment note
	NAD	Buyer, supplier, Invoicee, Payee, Ultimate Customer, Bill and Ship to, Ship To
	RFF	Buyer and supplier ABNs
CUX		Invoice currency if not AUD
PAT		Payment due number of days/months after invoice date
DTM		Terms net due date
PAC		Total count of each package type being invoiced, may allow invoice to be used as a valued despatch advice
	ALC	Allowance or charge
	MOA	Handling or non-specific charge, freight charge, packing cost, administration charge, other which apply to total invoice and are included in the net monetary amount
	RTE	Charge rate per kilogram (optional for Retail)
	TAX	Tax applicable to allowance or charge
	MOA	Tax amount included in the allowance or charge

Detail Section

	LIN	EAN GTIN identifying product being invoiced	
	PIA	Other product identification/attributes incl substitution	
	IMD	Product description	
	MEA	Piece length in pack tally (timber)	
	QTY	Ordered and Invoiced quantities	
	QVR	Identification of any discrepancy between the quantity invoiced and quantities ordered, shipped etc. Also backorder status.	
	FTX	Free text for this line item only.	
	MOA	Invoice item amount (extended amount including allowances/charges and GST), also amount excluding GST.	
		PRI	Prices (incl. and excl. of allowances/charges and GST) including units of measure for variable measure items
	RFF	Promotion deal # and line item reference from originating order and/or despatch advice/delivery docket	
	DTM	Date of previous reference	
	PAC	Total count of each package type being invoiced, may allow invoice to be used as a valued despatch advice	
	MEA	Dimensions and weights of packages	
	PCI	Specifies the pack number, serial or batch number	
	TAX	Tax rate this line item	
	MOA	Tax amount this line item	

Summary section

UNS	Section break segment
CNT	Control count; number of line items in invoice
MOA	Total net invoice amount (includes GST), total exclusive of GST

Automotive Aftermarket Industry Message Implementation Guidelines

	TAX	Total GST
	MOA	Amount
	ALC	Total allowance/charge
	MOA	amount summary of header and detail charges
UNT		Message trailer

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 Hardware) 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	
Invoice Type (e.g. commercial invoice, tax invoice etc.)	BGM
Invoice number	BGM
Message Function (e.g. Original, duplicate etc.)	BGM
Invoice message date	DTM (header)
Reference to previous message	RFF, grp1
Buyer & Supplier identification	NAD, grp2
Line Item	
Line item number	LIN, grp25
Product identifier (EAN GTIN or proprietary) and type	LIN or PIA, grp25
Invoiced quantity	QTY, grp25
Item extended amount, exclusive of GST (preferred)	MOA, grp26
Item net price, exclusive of GST	PRI, grp 28
Summary	
Total invoice amount, exclusive of GST	MOA, grp 48

7. Sample Message

Sample Data Stream	Explanation
UNB+UNOA:3+9377770001799:14 +937777000180C:14+020622:1336+ INT1'	Interchange Header segment for interchange INT1, includes trading partner addressing
UNH+0001+INVOIC:D:96A:UN:E AN008'	Message Header with UN/EDIFACT message type and directory version
BGM+388+998877+9'	Tax Invoice 998877, original
DTM+137:20030131:102'	Date of invoice is 31 st Jan 2003
RFF+ON:232025'	Referenced order # 232025
NAD+BY+STORE-1::92'	Buying party is STORE-1
RFF+AMT:69 006 530 930'	Buyer's ABN
NAD+ST+STORE-1::92'	Ship-to location is STORE-1
NAD+IV+937777000180C::9'	Invoicee party identified using EAN Global Location Number (note this is also the address of the receiver in the UNB segment)
NAD+SU+937777000182C::9'	Supplier party identified using EAN Global Location Number
RFF+AMT:67 005 529 920'	Supplier's ABN
PAT+1++5::D:14'	Payment terms are 14 days
DTM+13:20030214:102'	Terms net amount due date is 14 th Feb. 2003
ALC+C'	Charge that applies to whole invoice
MOA+389:20.00'	Charge, ex GST
TAX+7+GST'	Charge GST component
MOA+124:2.00'	...is \$2.00.
ALC+C'	Charge that applies to whole invoice
MOA+389:15.00'	Charge, ex GST
TAX+7+GST'	Charge GST component
MOA+124:1.50'	...is \$1.50.
LIN+1+++931234567890C:EN'	Line item identified with EAN Global Trade Item Number (GTIN)
IMD+++:::SEAT COVER'	Item description
QTY+21:8'	Ordered quantity was 8
QTY+47:5'	Invoiced quantity is 5
QVR+-3:21'	Quantity variance between ordered and invoiced is 3
MOA+128:50.00'	Extended line item amount EX GST is \$50.00
PRI+AAA:10.00'	Item unit price EX GST is \$10
RFF+LI::1'	Reference back to line item # on purchase order
DTM+171:20021218:102'	Date of referenced purchase order
TAX+7+GST+++:::10.00'	GST rate applicable to this line is 10%
MOA+124:5.00'	GST total amount for line is \$5.00
UNS+S'	Summary section separator segment
CNT+2:1'	Control count – number of line items = 1

Automotive Aftermarket Industry Message Implementation Guidelines

MOA+128:85.00'	Total invoice amount EX GST – includes summation of extended line item totals EX GST plus the total charge amounts expressed at header. This then is the total taxable amount.
TAX+7+GST++++:::10.00'	Tax rate applicable to total taxable amount is 10%
MOA+124:8.50'	Total tax amount to add to the total invoice amount EX GST is \$8.50
UNT+36+0001'	Message trailer with segment count and control field
UNZ+1+INT1'	Interchange trailer and control fields

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 MIGs to comply with their data receipt requirements. On the receiving side, there is very little data that has been added to these MIGs that is not currently supported in the Retail MIGs.

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.

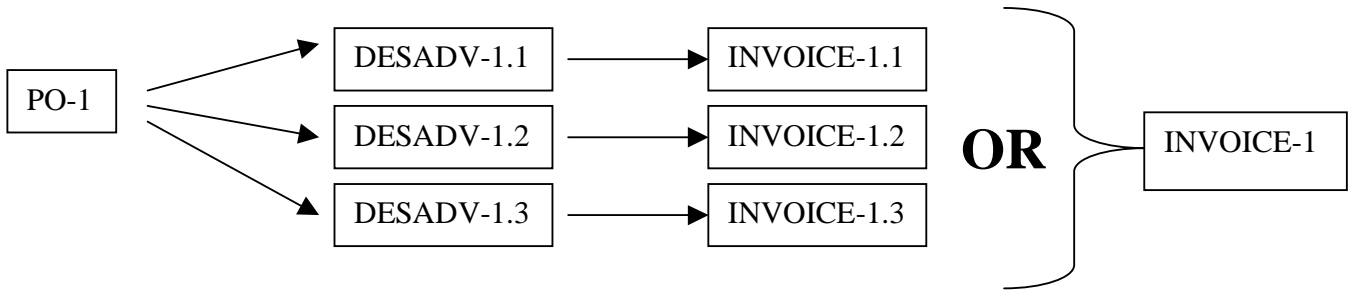
Substitutions:

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:

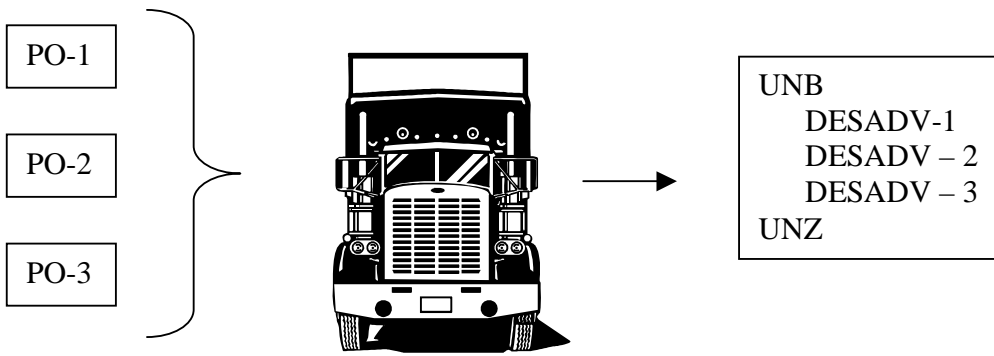
The RFF – Reference segment at both message header and detail levels are used to make reference links to other related documents. In the invoice, the RFF (header) may reference a previous despatch advice and/or purchase order. The RFF (detail) may reference the line # on that previous document.

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 all 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 will require a DESADV per Purchase Order. The multiple DESADV messages may all be consolidated into a manifest and sent as a single EDI interchange. See diagram 2 below:



- Diagram 2 -

INVOIC Invoice Message

Notes:

BUSINESS RULE OF THE AUTOMOTIVE AFTERMARKET INDUSTRY INVOICE MESSAGE.

In The Automotive Aftermarket industry , the invoice message is not to be used as a Despatch Advice. Both a Despatch Advice and Invoice is required in a non-ERS (Evaluated Receipts Settlement) scenario.

1st draft of the Automotive Aftermarket industry Message Implementation Guidelines.

In addition, opened segment group TAX-MOA loop under ALC segment to allow for tax for e.g. freight charges.
22-Oct-2002

Heading Section:

Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
15	0010	UNH	Message Header	M	M	1		
16	0020	BGM	Beginning of Message	M	M	1		
18	0030	DTM	Date/Time/Period	M	M	35		
	0080		Segment Group 1	C	O		99	
20	0090	RFF	Reference	M	M	1		
	0110		Segment Group 2	C	R		99	
22	0120	NAD	Name and Address	M	M	1		
	0150		Segment Group 3	C	O		9999	
25	0160	RFF	Reference	M	M	1		
	0280		Segment Group 7	C	O		5	
27	0290	CUX	Currencies	M	M	1		
	0310		Segment Group 8	C	O		10	
30	0320	PAT	Payment Terms Basis	M	M	1		
31	0330	DTM	Date/Time/Period	C	O	5		
32	0340	PCD	Percentage Details	C	O	1		
33	0350	MOA	Monetary Amount	C	O	1		
	0570		Segment Group 15	C	O		9999	
35	0580	ALC	Allowance or Charge	M	M	1		
	0690		Segment Group 19	C	D		2	
37	0700	MOA	Monetary Amount	M	M	1		
	0750		Segment Group 21	C	O		5	
39	0760	TAX	Duty/Tax/Fee Details	M	M	1		
40	0770	MOA	Monetary Amount	C	O	1		

Detail Section:

Page No.	Pos. No.	Seg. ID	Name	Base Status	User Status	Max.Use	Group Repeat	Notes and Comments
	0890		Segment Group 25	C	Rec		9999999	
42	0900	LIN	Line Item	M	M	1		
43	0910	PIA	Additional Product Id	C	O	25		
45	0920	IMD	Item Description	C	O	10		

Automotive Aftermarket Industry Message Implementation Guidelines

46	0940	QTY	Quantity	C	R	5	
47	1000	QVR	Quantity Variances	C	O	1	
	1030		Segment Group 26	C	R	5	
50	1040	MOA	Monetary Amount	M	M	1	
	1110		Segment Group 28	C	R	25	
52	1120	PRI	Price Details	M	M	1	
	1160		Segment Group 29	C	O	10	
54	1170	RFF	Reference	M	M	1	
55	1180	DTM	Date/Time/Period	C	O	5	
	1310		Segment Group 33	C	O	99	
57	1320	TAX	Duty/Tax/Fee Details	M	M	1	
58	1330	MOA	Monetary Amount	C	O	1	
	1470		Segment Group 38	C	O	15	
60	1480	ALC	Allowance or Charge	M	M	1	
	1570		Segment Group 41	C	O	2	
62	1580	MOA	Monetary Amount	M	M	1	
	1600		Segment Group 42	C	O	1	
64	1610	RTE	Rate Details	M	M	1	
	1630		Segment Group 43	C	O	5	
66	1640	TAX	Duty/Tax/Fee Details	M	M	1	
67	1650	MOA	Monetary Amount	C	O	1	

Section Control:

<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>
68	1790	UNS	Section Control	M	M	1		

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>
69	1800	CNT	Control Total	C	O	10		
	1810		Segment Group 48	M	M		100	
71	1820	MOA	Monetary Amount	M	M	1		
	1860		Segment Group 50	C	O		10	
73	1870	TAX	Duty/Tax/Fee Details	M	M	1		
74	1880	MOA	Monetary Amount	C	O	2		
	1890		Segment Group 51	C	O		15	
76	1900	ALC	Allowance or Charge	M	M	1		
77	1920	MOA	Monetary Amount	C	O	2		
78	1930	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 Invoice message is INVOIC.
Notes:	Note: Invoice messages conforming to this document must contain the following data in segment UNH, composite S009: Data element 0065 INVOIC 0052 D 0054 96A 0051 UN This segment is used to head, identify and specify a message. DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Invoice based on the D.93A directory under the control of the United Nations. DE 0057: Indicates that the message is the EANCOM version 007 of the UNSM Invoice. Example : UNH+1+INVOIC:D:93A:UN:EAN007'

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 messages in the interchange. DE 0062 in UNT will have the same value. Generated by the sender.		
S009		MESSAGE IDENTIFIER	M	M
	0065	Message type identifier	M an..6	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>INVOIC</i> <i>Invoice message</i>		
	0052	Message type version number	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>D</i> <i>Draft directory</i>		
	0054	Message type release number	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>96A</i> <i>Version 96A</i>		
	0051	Controlling agency	M an..2	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		<i>UN</i> <i>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>EAN008</i> <i>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 by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.

Notes: This segment is used to indicate the type and function of a message and to transmit the identifying number.

DE 1001: It is of critical importance to use the appropriate document name qualifier relevant to the message.

DE 1225: The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. Consequently, one separate message has to be provided per type of function required. The following definitions apply for the restricted codes:

7 = Duplicate - Re-transmission involving the same parties, on the specific request of the receiver.

9 = Original - An indication to the receiver that this invoice is an original invoice, i.e., not a replacement or duplicate.

Example :

BGM+388:::TAX INVOICE+432097+9'

This example identifies the document as being an original tax invoice using the code value 388. The document has the reference number 432097.

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 Document/message name, coded THIS HAS AN EANCOM RESTRICTED CODE LIST	C C an..3	R R
		<i>380</i> Commercial invoice Do not use code 380, if the invoice is to be referred to as a Tax Invoice, by Australian Taxation Office (ATO) or legal reasons. Use code 388.		
		<i>381</i> Credit note Use code 83, if the advice leads to a financial adjustment.		
		<i>383</i> Debit note Use code 84, if the advice leads to a financial adjustment.		
		<i>388</i> Tax Invoice Code 388 is to be used only if the invoice is to be referred to as a Tax Invoice for Australian taxation or legal reasons. Otherwise use code 380.		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	1000	Document/message name	C an..35	O

Automotive Aftermarket Industry Message Implementation Guidelines

If codes 83 and 84 is DE1001 is used, then the text "ADJUSTMENT NOTE" will be required and specified in DE1001 to meet ATO requirements, otherwise this can be left blank and DE1000 is not used.

If code 388 is DE1001 is used, the ten text "TAX INVOICE" will b required and specified in DE1000 to meet ATO requirements, otherwise this can be left blank and DE1000 is not used.

1004	DOCUMENT/MESSAGE NUMBER	C	an..35	R
	Invoice Number assigned by document sender.			
1225	MESSAGE FUNCTION, CODED	C	an..3	R
	THIS HAS AN EANCOM RESTRICTED CODE LIST			
	7	<i>Duplicate</i>		
		Retransmission involving the same parties, on the specific request of the receiver.		
	9	<i>Original</i>		
		An indication to the receiver that this invoice is an original invoice, i.e., not a replacement or duplicate.		
	31	<i>Copy</i>		
		A copy of an invoice 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: Mandatory
Max Use: 35
Purpose: A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the invoice date. Examples of the use of this DTM segment is: "shipped on date" or "delivery date". The Date/time/period segment within other Segment groups should be used whenever the date/time/period requires to be logically related to another specified data item e.g. Payment due date is specified within the PAT Segment group.
Notes: This segment is used to specify the date or period of the invoice.
 DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in the invoice message.
 Example :
 DTM+137:19971008:102'
 The document date is the 8th of October 1997.

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				
		35		<i>Delivery date/time, actual</i> If known by the supplier. This will help reconciliation as the receiving point.
		137		<i>Document/message date/time</i>
		454		<i>Accounting Value Date (EAN Code)</i> The Automotive Aftermarket industry will use code 454 as the effective invoice date, especially in advising the trading partner that it is from this specified date that payment terms would be calculated from. This scenario may arise when an invoice is generated mid month, however, payment calculations may occur once at the end of each month.
	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>

Group: **RFF** Segment Group 1: Reference
Position: 0080
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments for giving references and where necessary, their dates, relating to the whole message, e.g. contract number, import/export license number, despatch advice number.

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	0090	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0090 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Notes: This segment is used to specify references which relate to the whole invoice, for example, Purchase Order Numbers, Delivery Numbers, etc.

If the document type is a credit note the invoice to which it relates may need to be specified. This is done using the 'IV' qualifier for DE 1153.

Example :

RFF+ON:ORD9523'

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>DQ</i> Delivery note number		
		<i>IV</i> Invoice number Used in Adjustment Note to refer to previous Tax Invoice.		
		<i>ON</i> Order number (purchase) An order number must always be referenced in the Invoice message.		
		<i>VN</i> Order number (vendor) Appropriate in a vendor managed inventory scenario.		
	1154	Reference number	C an..35	R
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X

Automotive Aftermarket Industry Message Implementation Guidelines

Group: **NAD** Segment Group 2: Name and Address
Position: 0110
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information.

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0120	NAD	Name and Address	M	1	
	0150		Segment Group 3: Reference	C		9999

Segment:	NAD Name and Address
Position:	0120 (Trigger Segment)
Group:	SG2
Level:	1
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the invoice. Identification of the seller and buyer parties is mandatory for the invoice message. 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, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.
Notes:	<p>The NAD segment is used to identify the trading parties involved in the invoice process. Identification of the buyer and supplier of goods and services is mandatory in the Invoice. Additionally, the issuer of the invoice and the invoicee must be identified if different from the buying and supplying parties. The consignee or delivery party needs to be specified if different to the buyers address.</p> <p>In the Automotive Aftermarket industry there is no requirements to specify the Ship To location or Ultimate Destination as the Invoice Message does not relate to the delivery.</p> <p>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:</p> <p style="text-align: center;">C080 - C059 - 3164 - 3229 - 3251 - 3207</p>

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>	
		<i>BY</i>	<i>Buyer</i>	
			In the context of the Invoice Message, this will be the party who placed the order and will be the party to receive the invoice, who may not necessarily be the party who will process the invoice.	
		<i>IV</i>	<i>Invoicee</i>	
			IV is the party to whom the invoice is issued or sent to. Use IV if the party is different to the Buyer.	
		<i>PE</i>	<i>Payee</i>	
		<i>ST</i>	<i>Ship to</i>	
		<i>SU</i>	<i>Supplier</i>	
		<i>UD</i>	<i>Ultimate customer</i>	
C082		PARTY IDENTIFICATION DETAILS	C	Re
	3039	Party id. identification	M an..35	c
		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 , it is recommended that if non-GLNs are the only option, then use RFF in LOC to specify the non-EAN party id.		

Automotive Aftermarket Industry Message Implementation Guidelines

	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			<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>
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		X
	3036	Party name	M	an..35	X
	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		X
	3042	Street and number/p.o. box	M	an..35	X
	3042	Street and number/p.o. box	C	an..35	X
	3042	Street and number/p.o. box	C	an..35	X
	3042	Street and number/p.o. box	C	an..35	X
3164		CITY NAME	C	an..35	X
3229		COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	X
3251		POSTCODE IDENTIFICATION	C	an..9	X
3207		COUNTRY, CODED	C	an..3	X

Group: **RFF** Segment Group 3: Reference
Position: 0150
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segment for giving references only relevant to the specified party rather than the whole invoice.

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	0160	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0160 (Trigger Segment)
Group: SG2-SG3
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Notes: This segment is used to specify reference numbers related to the trading parties identified in the previous NAD segment.

Example :

RFF+AMT:2341296851'

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>AMT</i>	<i>Goods and Services Tax Identification Number</i>	
			This code relates to the Australian Business Number (ABN). An AMT code will be required for both parties identified in the NAD segment.	
		<i>VA</i>	<i>VAT registration number</i>	
			This code is now being superceded with the code AMT. For migration reason code VA is still value, as it is being used in the Australian Retail Industry.	
	1154	Reference number	C an..35	R
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X

Group: **CUX** Segment Group 7: Currencies
Position: 0280
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying the currencies and related dates/periods valid for the whole invoice. Currency data maybe omitted in national applications but will be required for international transactions.

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	0290	CUX	Currencies	M	1	

Segment: **CUX** Currencies
Position: 0290 (Trigger Segment)
Group: SG7
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the currencies required in the invoice e.g. the invoice currency. A rate of exchange may be given to convert a reference currency into a target currency.
Notes: ***THE AUTOMOTIVE AFTERMARKET INDUSTRY'S BUSINESS RULE - IT IS RECOMMENDED THAT THE USE OF THIS SEGMENT IS ONLY FOR USE WHEN TRADING WITH OTHER COUNTRIES. IT IS NOT RECOMMENDED FOR AUSTRALIAN DOMESTIC TRANSACTIONS***

The CUX Segment may be omitted for national exchanges.
 The CUX Segment is mandatory for international exchanges.

This segment is used to specify the currencies for international invoicing.

When specifying Reference and Target Currencies for international trade, one occurrence of CUX is all that is required. The reference currency is identified in the first occurrence of composite C504, with the target currency specified in the second occurrence of C504. The rate of exchange between the two is detailed in DE 5402.

The general rule for calculating the rate of exchange is as follows :

Reference Currency multiplied by Rate = Target Currency.

Example :

1. Where only the invoicing currency needs to be identified for national trade.
 CUX+2:GBP:4'

2. For international trade, the invoicing currency is identified as Pounds Sterling but the payment currency is to be in Belgian Francs. The rate of exchange between the two is 48.50 Belgian Francs to 1 Pound Sterling.

CUX+2:GBP:4+3:BEF:11+48.50'

Dependency Notes :

C504: The second occurrence of this composite is only used is a target currency is being specified.

5402: The rate of exchange is only used is a target currency has been identified in the second occurrence of C504

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C504		CURRENCY DETAILS	C	R
	6347	Currency details qualifier	M an..3	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		2	<i>Reference currency</i>	
	6345	Currency, coded	C an..3	R
		ISO 4217 three alpha		
	6343	Currency qualifier	C an..3	R
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		4	<i>Invoicing currency</i>	
	6348	Currency rate base	C n..4	X

Automotive Aftermarket Industry Message Implementation Guidelines

C504		CURRENCY DETAILS	C		X
	6347	Currency details qualifier	M	an..3	X
		TIS HAS AN EANCOM RESTRICTED CODE LIST			
	6345	Currency, coded	C	an..3	X
		ISO 4217 three alpha			
	6343	Currency qualifier	C	an..3	X
	6348	Currency rate base	C	n..4	X
5402		RATE OF EXCHANGE	C	n..12	X
		The rate of exchange which applies to the currency.			
6341		CURRENCY MARKET EXCHANGE, CODED	C	an..3	X

Group: **PAT** Segment Group 8: Payment Terms Basis
Position: 0310
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying the terms of payment applicable for the whole invoice.
Notes:

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0320	PAT	Payment Terms Basis	M	1	
O	0330	DTM	Date/Time/Period	C	5	
O	0340	PCD	Percentage Details	C	1	
O	0350	MOA	Monetary Amount	C	1	

Segment: **PAT** Payment Terms Basis
Position: 0320 (Trigger Segment)
Group: SG8
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the payment terms and date/time basis.
Notes: This segment is used by the issuer of the invoice to specify the payment terms for the complete invoice.

Example :
 The following example indicates basic payment terms with payment due 30 days after the reference date which is the invoice date.
 PAT+1++5:3:D:30'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4279		PAYMENT TERMS TYPE QUALIFIER	M an..3	M
		<i>1 Basic</i>		
C110		PAYMENT TERMS	C	X
	4277	Terms of payment identification	M an..17	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	4276	Terms of payment	C an..35	X
	4276	Terms of payment	C an..35	X
C112		TERMS/TIME INFORMATION	C	O
	2475	Payment time reference, coded	M an..3	M
		<i>5 Date of invoice</i>		
		If code 454 in DE2005 in the DTM segment at header level is used, referring to the Accounting Value Date, then the payment time reference, relates to the date specified with qualifier code 454 in DE2379 at header level.		
	2009	Time relation, coded	C an..3	O
		<i>3 After reference</i>		
	2151	Type of period, coded	C an..3	O
		<i>D Day</i>		
		<i>M Month</i>		
		<i>WD Working days</i>		
		<i>Y Year</i>		
	2152	Number of periods	C n..3	O
		Number of periods for payment.		

Segment: **DTM** Date/Time/Period
Position: 0330
Group: SG8
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment giving the specific date/time/period, if needed, of any payments, discounts, instalments etc.

Notes: THE AUTOMOTIVE AFTERMARKET INDUSTRY SUGGESTS THAT THIS SEGMENT IS NOT MANDATORY. THE DTM SEGMENT IS USED WHERE A DATE HAS TO BE SPECIFIED FOR THE PAYMENT OF TERMS.

This segment is used to specify any dates associated with the payment of the invoice.

Example :

Net due date for payment the 31st August 1993.

DTM+13:19930831:102'

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		
		13 Terms net due date		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102 CCYYMMDD		

Segment: **PCD** Percentage Details
Position: 0340
Group: SG8
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the discount, interest, penalty as well as instalment percentage.
Notes: This segment is used to specify percentages which will be allowed or charged if the invoicee pays (does not pay) to terms.

Example :
 PCD+12:2.5'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C501		PERCENTAGE DETAILS	M	M
	5245	Percentage qualifier <i>12 Discount</i>	M an..3	M
	5482	Percentage	C n..10	R
	5249	Percentage basis, coded	C an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X

Segment: **MOA** Monetary Amount
Position: 0350
Group: SG8
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying amounts related to payment discount penalties or instalments.
Notes: This segment is used to specify monetary values which will be allowed or charged if the invoicee pays (does not pay) to terms.

Example :
 MOA+21:100'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		<i>21 Cash discount</i>		
	5004	Monetary amount	C n..18	R
		Actual value being charged/discounted. The Automotive Aftermarket industry recommends that value specified be 2-decimal places, unless it is a whole number.		
	6345	Currency, coded	C an..3	D
		For overseas use only.		
6343	Currency qualifier	C an..3	X	
4405	Status, coded	C an..3	X	

Group: **ALC** Segment Group 15: Allowance or Charge
Position: 0570
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments specifying allowances and charges for the whole invoice. The allowance or charge specified within this Segment group may either relate to the total invoice in which case it cannot be overridden at detail level, or it can relate to the line items as a default allowance/charge and can be overridden by the ALC Segment group within the detail section. Where relevant, additional information, tax and alternate currency details are to be indicated in the TAX and MOA segments.
 The basis for the calculation of the allowance/charge may be a quantity, a percentage, an amount or a rate and one of the Segment group 15-19 should be used accordingly.

Notes:

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0580	ALC	Allowance or Charge	M	1	
	0690		Segment Group 19: Monetary Amount	C		2
	0750		Segment Group 21: Duty/Tax/Fee Details	C		5

Segment: **ALC** Allowance or Charge
Position: 0580 (Trigger Segment)
Group: SG15
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance and, where necessary, its calculation sequence.

Notes: This segment is used to indicate any Allowances or Charges with reference to the total invoice, e.g. packaging costs.

Any allowances or charges specified in the detail section do not override or replace allowances or charges specified at header level.

DE 1227: The calculation sequence indicator is used when multiple allowances and/or charges are applicable. If various allowances and/or charges percentages, quantities, monetary amounts, or, rates are applicable to the same base price, then the calculation sequence indicator will always equal one. If the various allowances and/or charges are applied against a fluctuating price (constantly changing because of the application of other allowances and/or charges) then the sequence of calculation is indicated using this data element.

Example :

ALC+C'

A charge is being incurred.

Dependency Notes :

DE 4471: This data element is only used if the value in DE 5463 is 'C', charge.

DE 1227: If the allowance or charge is not to be applied against a fixed price then the calculation sequence indicator must be included.

DE C214: This composite is only included if the buyer knows the type of allowance or charge and is agreed between trading partners in their interchange agreement.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5463		ALLOWANCE OR CHARGE QUALIFIER	M an..3	M
		<i>A Allowance</i>		
		<i>C Charge</i>		
C552		ALLOWANCE/CHARGE INFORMATION	C	O
	1230	Allowance or charge number	C an..35	X
	5189	Charge/allowance description, coded	C an..3	X
4471		SETTLEMENT, CODED	C an..3	X
1227		CALCULATION SEQUENCE INDICATOR, CODED	C an..3	X
C214		SPECIAL SERVICES IDENTIFICATION	C	O
	7161	Special services, coded	C an..3	O
		<i>FC Freight charge</i>		
		<i>RCH Return handling (EAN Code)</i>		
		Use for Core Deposit Charge		
		<i>SH Special handling service</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	7160	Special service	C an..35	X
	7160	Special service	C an..35	X

Group: **MOA** **Segment Group 19: Monetary Amount**
Position: 0690
Group: Segment Group 15 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Conditional (Dependent)
Max Use: 2
Purpose: A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified, e.g. an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF.

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	0700	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 0700 (Trigger Segment)
Group: SG15-SG19
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the monetary amount for the allowance or charge.
Notes: This segment is used to specify any monetary discounts or charges for the current ALC segment group.
 Example :
 MOA+23:125'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>	
C516		MONETARY AMOUNT	M	M	
	5025	Monetary amount type qualifier	M an..3	M	
		23	<i>Charge amount</i>		
			This code will also include charges related to handling charges and other non-specific charges.		
		388	<i>Total amount including tax</i>		
		389	<i>Amount excluding tax</i>		
	5004	Monetary amount	C n..18	R	
		The Automotive Aftermarket industry recommends that the value specified be at 2-decimal places, unless it is a whole number.			
	6345	Currency, coded	C an..3	D	
		For overseas use only			
6343	Currency qualifier	C an..3	X		
4405	Status, coded	C an..3	X		

Group: **TAX** Segment Group 21: Duty/Tax/Fee Details
Position: 0750
Group: Segment Group 15 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying tax related information for the allowance or charge and, when necessary.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0760	TAX	Duty/Tax/Fee Details	M	1	
O	0770	MOA	Monetary Amount	C	1	

Segment:	TAX Duty/Tax/Fee Details
Position:	0760 (Trigger Segment)
Group:	SG15-SG21
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment specifying the tax type, category and rate, or exemption, related to the allowance or charge.
Notes:	Segment to signify whether the allowances and charges specified in SG14 are subject to tax.
	Example :
	TAX+7+GST+++:::10'
	Dependency Notes:
	DE C241 and 5305: Tax types and categories will vary from country to country. They should be defined by national

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	M
		7 Tax		
C241		DUTY/TAX/FEE TYPE	C	D
	5153	Duty/tax/fee type, coded	C an..3	O
		GST Goods and services tax		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5152	Duty/tax/fee type	C an..35	X
C533		DUTY/TAX/FEE ACCOUNT DETAIL	C	X
	5289	Duty/tax/fee account identification	M an..6	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	X
C243		DUTY/TAX/FEE DETAIL	C	O
	5279	Duty/tax/fee rate identification	C an..7	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5278	Duty/tax/fee rate	C an..17	R
		The actual rate of tax/duty.		
	5273	Duty/tax/fee rate basis identification	C an..12	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5305		DUTY/TAX/FEE CATEGORY, CODED	C an..3	X
3446		PARTY TAX IDENTIFICATION NUMBER	C an..20	X

Segment: **MOA** Monetary Amount
Position: 0770
Group: SG15-SG21
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the amount for the allowance or charge.

Notes: This segment is used to indicate tax or duty amount for the tax rates specified in the previous TAX segment.

Example :

MOA+124:154.76'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		<i>124 Tax amount</i>		
	5004	Monetary amount	C n..18	R
		This is the tax dollar amount. Automotive Aftermarket Industry recommends the value to be in 2-decimal places, unless it is a whole number.		
	6345	Currency, coded	C an..3	D
		For overseas use only.		
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **LIN** Segment Group 25: Line Item
Position: 0890
Group:
Level: 1
Usage: Conditional (Advised)
Max Use: 9999999
Purpose: A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 22 within an invoice, but not necessarily in a credit note or a debit note. This Segment group may be repeated to give sub-line details.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0900	LIN	Line Item	M	1	
O	0910	PIA	Additional Product Id	C	25	
O	0920	IMD	Item Description	C	10	
R	0940	QTY	Quantity	C	5	
O	1000	QVR	Quantity Variances	C	1	
	1030		Segment Group 26: Monetary Amount	C		5
	1110		Segment Group 28: Price Details	C		25
	1160		Segment Group 29: Reference	C		10
	1310		Segment Group 33: Duty/Tax/Fee Details	C		99
	1470		Segment Group 38: Allowance or Charge	C		15

Segment: **LIN** Line Item
Position: 0900 (Trigger Segment)
Group: SG25
Level: 1
Usage: Mandatory
Max Use: 1

Purpose: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.

Notes: The LIN segment signifies the beginning of the detail section of the Invoice message. The detail section is formed by a repeating group of segments, always starting with a LIN segment.

Each LIN segment corresponds to a different product being invoiced.

Example :

LIN+1++4000862141404: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.

Data elements 5495 and 7083 are 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 OF THE EANCOM MANUAL

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 invoice.		
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 invoiced.		
		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
		<i>EN</i>	<i>International Article Numbering Association (EAN)</i>	
		Use code EN, for any EAN/UCC number structure.		
	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:	0910
Group:	SG25
Level:	2
Usage:	Conditional (Optional)
Max Use:	25
Purpose:	A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.
Notes:	<p>This segment is used to specify additional or substitutional item identification codes such as a buyers, or sellers item number.</p> <p>The Automotive Aftermarket industry recommends that this segment will only be used for information only, or where there is no GTIN specified at the LIN segment.</p> <p>The Automotive Aftermarket industry requires code 5 to be used if no EAN.UCC number is specified in the preceding LIN segment.</p> <p>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</p> <p>Examples :</p> <p>PIA+5+RA141S-R:SA'</p> <p>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.</p> <p>Code 1 - Additional Identification - To provide an additional identity for the product identified in the LIN segment. The additional identification can consist of :</p> <p>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.</p> <p>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.</p>

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 Additional identification</i>		
		<i>5 Product identification</i>		
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 Buyer's item number</i>		
		The use of code IN is for information only.		
		<i>SA Supplier's article number</i>		
	1131	Code list qualifier	C an..3	X

Automotive Aftermarket Industry Message Implementation Guidelines

	3055	Code list responsible agency, coded	C	an..3	X
C212		ITEM NUMBER IDENTIFICATION	C		O
		The second iteration can more efficiently, specify item number identification (if more than one is required) in one line of the PIA segment.			
	7140	Item number	C	an..35	R
	7143	Item number type, coded	C	an..3	R
		<i>IN</i>			<i>Buyer's item number</i>
		<i>SA</i>			<i>Supplier's article number</i>
	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: **IMD** Item Description
Position: 0920
Group: SG25
Level: 2
Usage: Conditional (Optional)
Max Use: 10

Purpose: A segment for describing the product or service being invoiced as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.

Notes: This segment is used to describe the current line item.

THIS SEGMENT IS NOT A MANDATORY REQUIREMENT OF USE BY THE AUTOMOTIVE AFTERMARKET INDUSTRY.

THE USE OF THIS SEGMENT IS DEPENDENT ON THE BI-LATERAL ARRANGEMENTS BETWEEN PARTIES.

This segment should only be used when either an Item Identification Code in the PIA segment does not completely defined the product to the trading partner, or it is not present, and descriptive text is required.

It is recommended that this segment only be used for coded descriptions. Data element 7008 in clear text should only be used when no product code is available or when free-form descriptions are required by trading partners.

If both free-form and coded descriptions are required then the IMD segment must be repeated.

Example :

IMD+F+:::STEERING WHEEL COVER:STUDDED'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7077		ITEM DESCRIPTION TYPE, CODED <i>F</i> <i>Free-form</i>	C an..3	O
7081		ITEM CHARACTERISTIC, CODED	C an..3	X
C273		ITEM DESCRIPTION	C	R
	7009	Item description identification	C an..17	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	7008	Item description	C an..35	O
	7008	Item description	C an..35	O
		Optional use, in details are not able to be specified in first occurrence of DE7008.		
	3453	Language, coded	C an..3	X
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

Segment: **QTY** Quantity
Position: 0940
Group: SG25
Level: 2
Usage: Conditional (Required)
Max Use: 5
Purpose: A segment identifying the product quantities e.g. invoiced quantity.
Notes: This segment is used to specify quantities related to the current line item.

Example :

QTY+47:40'

Dependency Notes :

DE 6411: This DE is only used if the product being invoiced 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 LIST		
		21	<i>Ordered quantity</i>	
		47	<i>Invoiced quantity</i>	
			Required	
	6060	Quantity	M n..15	M
	6411	Measure unit qualifier	C an..3	X

Segment: **QVR** Quantity Variances
Position: 1000
Group: SG25
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment identifying quantity variances, between, e.g. quantity delivered/invoiced and quantity ordered.

Notes: THIS SEGMENT IS NOT RECOMMENDED FOR USE IN THE AUTOMOTIVE AFTERMARKET BUSINESS PROCESS. THE INVOICE MESSAGE IS RELATED TO FINANCIAL PROCESS, WHILE THE DESPATCH IS RELATED TO THE INVENTORY PROCESS. THEREFORE THE AUTOMOTIVE AFTERMARKET RECOMMENDS THAT THE QVR SEGMENT IS MORE SUITABLE FOR USE IN THE DESPATCH ADVICE MESSAGE.

THE INCLUSION OF THE QVR SEGMENT IN THIS MIG IS FOR MIGRATION PURPOSES, OF IF THIS QVR IS REQUIRED BECAUSE OF SPECIFY BUSINESS PARTNER REQUIREMENTS (WHERE THE PARTNER MAY BE TRADING IN ANOTHER SECTOR, E.G. HARWARE OR RETAIL, ETC.

This segment is used to specify any variances between what was ordered, what was shipped/despatched and what isbeing invoiced.

For negative values (e.g. damaged goods not accepted) the variance must be expressed as negative.

DE 6063: The codes 12 and 21 should only be used to report differences between the invoiced quantity and whatwas actually despatched or ordered. The codes 61 and 124 should only be used to (negatively) indicate the quantityof items which was delivered but found to be damaged, and/or returned.

Example :

QVR+-20:21'

This example shows a variance of 20 between what is being invoiced (QTY at LIN level) and what was originally ordered.

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.		
	6063	Quantity qualifier	C an..3	R
		12 <i>Despatch quantity</i>		
		21 <i>Ordered quantity</i>		
		61 <i>Return quantity</i>		
		119 <i>Short shipped</i>		
		121 <i>Over shipped</i>		
		124 <i>Damaged goods</i>		
4221		DISCREPANCY, CODED	C an..3	O
		BP <i>Shipment partial - back order to follow</i>		
		CP <i>Shipment partial - considered complete, no backorder</i>		
		OW <i>Item out of stock at wholesaler</i>		
		TW <i>Item temporary discontinued by wholesaler</i>		
C960		REASON FOR CHANGE	C	X
	4295	Change reason, coded	C an..3	X
	1131	Code list qualifier	C an..3	X

Automotive Aftermarket Industry Message Implementation Guidelines

3055 Code list responsible agency, coded
4294 Change reason

C an..3 X
C an..35 X

Group: **MOA** Segment Group 26: Monetary Amount
Position: 1030
Group: Segment Group 25 (Line Item) Conditional (Advised)
Level: 2
Usage: Conditional (Required)
Max Use: 5
Purpose: A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1040	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1040 (Trigger Segment)
Group: SG25-SG26
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.
Notes: The total line item amount is specified in the MOA segment.

Example :
 MOA+128:245.15'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516	5025	MONETARY AMOUNT Monetary amount type qualifier	M M an..3	M M
		38	<i>Invoice item amount</i> For the Automotive Aftermarket industry it is recommended to use Code 128. Code 38 is only specified here for migration purposes. The definition is to imply, for GST purposes, that the price of the item is extended to include GST, if GST is applicable.. If the item does not attract GST, code 38 is still applicable. Eg. If article is \$10 and the GST rate is 10%, thus the GST amount is \$1, then use code 38 to qualify the monetary amount of \$11 as price including GST. If an article does not attract GST i.e. there is no GST, then also use code 38.	
		128	<i>Total amount</i> In the Automotive Aftermarket industry the standard for all reported invoice amounts is to be excluding of GST (Goods and Services Tax). Use this code to specify the amount of the article excluding GST. If required to specify the tax amount for the item, use MOA in the TAX loop under LIN. Eg. If item cost \$10 excl. GST and GST value is 10% i.e. \$1, use code 128 to qualifier the monetary amount of \$10.	
	5004	Monetary amount Line item extended amount. The Automotive Aftermarket industry recommends that the figure reported be at 2-decimal place.	C n..18	R
	6345	Currency, coded For overseas use only	C an..3	D
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **PRI** Segment Group 28: Price Details
Position: 1110
Group: Segment Group 25 (Line Item) Conditional (Advised)
Level: 2
Usage: Conditional (Required)
Max Use: 25
Purpose: A group of segments identifying the relevant pricing information for the goods or services invoiced.

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	1120	PRI	Price Details	M	1	

Segment: **PRI Price Details**
Position: 1120 (Trigger Segment)
Group: SG25-SG28
Level: 2
Usage: Mandatory
Max Use: 1

Purpose: A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Price'. Indication of "net price" or "gross price" can be given in 5387 "Price type qualifier".

Notes: This segment specified pricing information relevant to the current line item.

Example :

PRI+AAA+250.95'

Dependency Notes :

Data elements 5284 and 6411 are only used to indicate that the price is for a variable quantity product.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C509		PRICE INFORMATION	C	R
	5125	Price qualifier AAA	M an..3	M
		<i>Calculation net</i> Allowances and Charges, GST excluded. ALC Segment group may be provided for information.		
		In the Automotive Aftermarket industry the standard for all reported invoice amounts is to be excluding of GST (Goods and Services Tax). Therefore the price is excluding of GST.		
		<i>NTP</i> <i>Calculation net - including taxes (EAN Code)</i> Unit price including allowances/charges, including GST		
		For the Automotive Aftermarket Industry it is recommended to use Code AAA. The use of Code NTP is only specified here for migration purposes.		
	5118	Price	C n..15	R
		Unit price amount. The Automotive Aftermarket Industry recommends that the price should show 2-decimal place, except where the price is a whole number.		
	5375	Price type, coded	C an..3	X
	5387	Price type qualifier	C an..3	X
	5284	Unit price basis	C n..9	X
	6411	Measure unit qualifier	C an..3	X
5213		SUB-LINE PRICE CHANGE, CODED	C an..3	X

Group: **RFF** Segment Group 29: Reference
Position: 1160
Group: Segment Group 25 (Line Item) Conditional (Advised)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group giving references and where necessary, their dates, relating to the line item.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1170	RFF	Reference	M	1	
O	1180	DTM	Date/Time/Period	C	5	

Segment: **RFF** Reference
Position: 1170 (Trigger Segment)
Group: SG25-SG29
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.
Notes: The RFF segment at line level is used to provide references specific to the line item, it overrides any global references provided in the heading section of the invoice.
 Example :
 RFF+AAK:8306'

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>DQ</i> <i>Delivery note number</i>		
		<i>LI</i> <i>Line item reference number</i>		
		<i>PD</i> <i>Promotion deal number</i>		
		<i>SE</i> <i>Serial number</i>		
	1154	Reference number	C an..35	D
This is required if D1153 code DQ, PD or SE is used.				
	1156	Line number	C an..6	O
	4000	Reference version number	C an..35	X

Segment: **DTM** Date/Time/Period
Position: 1180
Group: SG25-SG29
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the date/time related to the reference.

Notes: This DTM segment is used to specify dates and times pertinent to the previous RFF segment.

Example :

DTM+171:19930802:102'

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	O
		<i>102 CCYYMMDD</i>		

Group: **TAX** Segment Group 33: Duty/Tax/Fee Details
Position: 1310
Group: Segment Group 25 (Line Item) Conditional (Advised)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments specifying tax related information for the line item, and when necessary, the location(s) to which that tax information relates.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1320	TAX	Duty/Tax/Fee Details	M	1	
O	1330	MOA	Monetary Amount	C	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1320 (Trigger Segment)
Group: SG25-SG33
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a tax type, category and rate, or exemption, relating to the line item.

Notes: This segment is used to specify the tax details for the line item being invoiced.

Example :

TAX+7+GST+++:::10'

Dependency Notes :

DE C241 and 5305: Tax types and categories will differ from country to country. They are to be defined by national guidelines.

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
5283		DUTY/TAX/FEE FUNCTION QUALIFIER 7 Tax	M an..3	M
C241		DUTY/TAX/FEE TYPE	C	R
	5153	Duty/tax/fee type, coded GST Goods and services tax	C an..3	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5152	Duty/tax/fee type	C an..35	X
C533		DUTY/TAX/FEE ACCOUNT DETAIL	C	X
	5289	Duty/tax/fee account identification	M an..6	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	X
C243		DUTY/TAX/FEE DETAIL	C	O
	5279	Duty/tax/fee rate identification	C an..7	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5278	Duty/tax/fee rate The actual rate of tax/duty.	C an..17	R
	5273	Duty/tax/fee rate basis identification	C an..12	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5305		DUTY/TAX/FEE CATEGORY, CODED	C an..3	X
3446		PARTY TAX IDENTIFICATION NUMBER	C an..20	X

Segment: **MOA** Monetary Amount
Position: 1330
Group: SG25-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the amount for the identified tax/fee.
Notes: This segment is used to specify in monetary terms the amount of tax due on the current line item.

 Example :
 MOA+124:21.80'
 10% (expressed in TAX segment) of 2180 = 21.80.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		<i>124 Tax amount</i>		
	5004	Monetary amount	C n..18	R
		This is the tax dollar amount, The Automotive Aftermarket Industry recommends the value to be in 2-decimal places, unless it is a whole number.		
	6345	Currency, coded	C an..3	D
	For overseas use only.			
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **ALC** Segment Group 38: Allowance or Charge
Position: 1470
Group: Segment Group 25 (Line Item) Conditional (Advised)
Level: 2
Usage: Conditional (Optional)
Max Use: 15
Purpose: A group of segments specifying allowances and charges for the line item where this is different to or not specified within the heading section.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1480	ALC	Allowance or Charge	M	1	
	1570		Segment Group 41: Monetary Amount	C		2
	1600		Segment Group 42: Rate Details	C		1
	1630		Segment Group 43: Duty/Tax/Fee Details	C		5

Segment:	ALC Allowance or Charge
Position:	1480 (Trigger Segment)
Group:	SG25-SG38
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying the charge or allowance and, where necessary its calculation sequence.
Notes:	<p>This segment is used to specify any allowances or charges which are due on the line item being invoiced.</p> <p>DE 1227: The calculation sequence indicator is used when multiple allowances and/or charges are applicable. If various allowances and/or charges percentages, quantities, monetary amounts, or, rates are applicable to the same base price, then the calculation sequence indicator will always equal one. If the various allowances and/or charges are applied against a fluctuating price (constantly changing because of the application of other allowances and/or charges) then the sequence of calculation is indicated using this data element.</p> <p>Example :</p> <p>ALC+A+++1'</p> <p>Dependency Notes :</p> <p>DE 4471: This data element is only used if the value in DE 5463 is 'C', charge.</p> <p>DE 1227: If the allowance or charge is not to be applied against a fixed price then the calculation sequence indicator must be included.</p> <p>DE C214: This composite is only included if the buyer knows the type of allowance or charge and is agreed between trading partners in their interchange agreement.</p>

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5463		ALLOWANCE OR CHARGE QUALIFIER <i>C Charge</i>	M an..3	M
C552		ALLOWANCE/CHARGE INFORMATION	C	O
	1230	Allowance or charge number	C an..35	O
	5189	Charge/allowance description, coded	C an..3	O
4471		SETTLEMENT, CODED	C an..3	X
1227		CALCULATION SEQUENCE INDICATOR, CODED	C an..3	X
C214		SPECIAL SERVICES IDENTIFICATION	C	O
	7161	Special services, coded	C an..3	O
		<i>FC Freight charge</i>		
		<i>RCH Return handling (EAN Code)</i>		
		<i>SH Special handling service</i>		
	1131	Code list qualifier	C an..3	O
	3055	Code list responsible agency, coded	C an..3	D
	7160	Special service	C an..35	O
	7160	Special service	C an..35	O

Group: **MOA** Segment Group 41: Monetary Amount
Position: 1570
Group: Segment Group 38 (Allowance or Charge) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
Purpose: A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified, e.g. an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF.

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	1580	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1580 (Trigger Segment)
Group: SG25-SG38-SG41
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the monetary amount for the allowance or charge.
Notes: The MOA segment within the ALC segment group (SG35) is used to specify monetary discounts for the line item being invoiced.

Example :

MOA+204:12.20'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516	5025	MONETARY AMOUNT	M	M
		Monetary amount type qualifier	M an..3	M
		Code 388 and 389 are not in EANCOM but occur in the 02B UN/EDIFACT directory. They will be raised as a change request for addition to EANCOM.		
		23	<i>Charge amount</i>	
		388	<i>Total amount including tax</i>	
		389	<i>Amount excluding tax</i>	
	5004	Monetary amount	C n..18	R
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **RTE** Segment Group 42: Rate Details
Position: 1600
Group: Segment Group 38 (Allowance or Charge) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments specifying the rate per unit and basis to which the allowance or charge applies, e.g. The allowance/charge amount is 3 DEM per 10 tons.

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	1610	RTE	Rate Details	M	1	

Segment: **RTE** Rate Details
Position: 1610 (Trigger Segment)
Group: SG25-SG38-SG42
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the rate per unit and the basis for calculation.
Notes: The RTE segment within the ALC segment group (SG35) is used to specify monetary discounts for the line item being invoiced.

Example :
RTE+1:1.25'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C128		RATE DETAILS	M	M
	5419	Rate type qualifier	M an..3	M
	5420	Rate per unit	M n..15	M
	5284	Unit price basis	C n..9	O
	6411	Measure unit qualifier	C an..3	O

Group: **TAX** Segment Group 43: Duty/Tax/Fee Details
Position: 1630
Group: Segment Group 38 (Allowance or Charge) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying tax related information for the allowance or charge and, when necessary.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1640	TAX	Duty/Tax/Fee Details	M	1	
O	1650	MOA	Monetary Amount	C	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1640 (Trigger Segment)
Group: SG25-SG38-SG43
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the tax type, category, and rate, or exemption, related to the allowance or charge.

Notes: The TAX segment in SG 35 is used to identify any taxes or duties which are due on the allowances or charges which have been specified in the details sections of SG 35.

Example :

TAX+7+VAT+++:::21+S'

Dependency Notes :

DE C241 and 5305: Tax types and categories will differ from country to country. They are to be defined by national guidelines.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	M
C241		DUTY/TAX/FEE TYPE	C	D
	5153	Duty/tax/fee type, coded	C an..3	O
	1131	Code list qualifier	C an..3	O
	3055	Code list responsible agency, coded	C an..3	O
	5152	Duty/tax/fee type	C an..35	O
C533		DUTY/TAX/FEE ACCOUNT DETAIL	C	O
	5289	Duty/tax/fee account identification	M an..6	M
	1131	Code list qualifier	C an..3	O
	3055	Code list responsible agency, coded	C an..3	O
5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	O
C243		DUTY/TAX/FEE DETAIL	C	Re
	5279	Duty/tax/fee rate identification	C an..7	O
	1131	Code list qualifier	C an..3	O
	3055	Code list responsible agency, coded	C an..3	O
	5278	Duty/tax/fee rate	C an..17	R
		The actual rate of tax/duty. GST rate		
	5273	Duty/tax/fee rate basis identification	C an..12	O
	1131	Code list qualifier	C an..3	O
	3055	Code list responsible agency, coded	C an..3	O
5305		DUTY/TAX/FEE CATEGORY, CODED	C an..3	D
3446		PARTY TAX IDENTIFICATION NUMBER	C an..20	O

Segment: **MOA** Monetary Amount
Position: 1650
Group: SG25-SG38-SG43
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the amount for the allowance or charge.

Notes: This segment is used to specify in monetary terms the amount of tax due for the allowances and charges for the current line item.

Example :

MOA+124:21.80'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
	5004	Monetary amount	C n..18	R
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Segment: **UNS** Section Control
Position: 1790
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment placed at the start of the summary section to avoid segment collision.
Notes: Segment to identify the break between the message detail and message trailer sections.

Example :

UNS+S'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0081		SECTION IDENTIFIER	M a1	M
		THIS HAS AN EANCOM RESTRICTED CODE LIST		
		S		
				<i>Detail/summary section separation</i>

Segment: **CNT** Control Total
Position: 1800
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment by which control totals may be provided by the sender for checking by the receiver.

Notes: This is used to provide message control information for checking on the message receivers in-house system.

Example :

CNT+2:120'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C270	6069	CONTROL Control qualifier	M M an..3	M M
		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

Group: **MOA** Segment Group 48: Monetary Amount
Position: 1810
Group:
Level: 1
Usage: Mandatory
Max Use: 100
Purpose: A group of segments giving total amounts for the whole invoice and - if relevant - detailing amounts pre-paid with relevant references and dates-

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	1820	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1820 (Trigger Segment)
Group: SG48
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment giving the total amounts for the whole invoice message such as message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount, total additional amount, sub-total amounts prepaid, total amount prepaid.

Notes: This occurrence of the MOA segment is used to detail prepaid amounts, or total monetary values due for the entire invoice.

Example :

MOA+128:45612.20'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		<i>77 Invoice amount</i>		
		For the purpose of this MIG the code is used to specify the total monetary of the invoice amount inclusive of GST, where GST is applicable to an item.		
		<i>128 Total amount</i>		
		For the purpose of this MIG, this code is used to specify the total amount of the invoice monetary value excluding GST.		
	5004	Monetary amount	C n..18	R
		The Automotive Aftermarket Industry recommends that the value specified should be 2-decimal places, except where a whole number is specified.		
	6345	Currency, coded	C an..3	D
		For overseas use only		
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **TAX** Segment Group 50: Duty/Tax/Fee Details
Position: 1860
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying taxes totals for the invoice.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1870	TAX	Duty/Tax/Fee Details	M	1	
O	1880	MOA	Monetary Amount	C	2	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1870 (Trigger Segment)
Group: SG50
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the tax type to be summarized.
Notes: This segment is used to specify the total taxes or duties due on the complete invoice.

Example :

TAX+7+GST+++:::10'

If there are multiple rates included in the invoice, use multiple repeats of the TAX segment e.g.

TAX+7+GST+++:::10'

TAX+7+GST+++:::3.5'

Dependency Notes :

DE C241 and 5305: Tax types and categories will differ from country to country. They are to be defined by national guidelines.

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
5283		DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	M
		7 Tax		
C241		DUTY/TAX/FEE TYPE	C	Re
	5153	Duty/tax/fee type, coded	C an..3	O
		GST Goods and services tax		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5152	Duty/tax/fee type	C an..35	X
C533		DUTY/TAX/FEE ACCOUNT DETAIL	C	X
	5289	Duty/tax/fee account identification	M an..6	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5286		DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	X
C243		DUTY/TAX/FEE DETAIL	C	O
	5279	Duty/tax/fee rate identification	C an..7	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	5278	Duty/tax/fee rate	C an..17	R
		Specify here the actual rate of tax/duty.		
	5273	Duty/tax/fee rate basis identification	C an..12	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
5305		DUTY/TAX/FEE CATEGORY, CODED	C an..3	X
3446		PARTY TAX IDENTIFICATION NUMBER	C an..20	X

Segment: **MOA** Monetary Amount
Position: 1880
Group: SG50
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment specifying the summary amount for the tax specified.

Notes: This segment is used to specify the tax amounts due, for the tax rate specified in the TAX segment, covering the whole invoice.

Example :

MOA+124:15243.32'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
	5025	Monetary amount type qualifier	M an..3	M
		<i>124</i>	<i>Tax amount</i>	
			For the purpose of this MIG this code is used to specify the total GST amount.	
	5004	Monetary amount	C n..18	R
		Automotive Aftermarket Industry recommends that the value be specified at 2-decimal places, except where the value is a whole number.		
	6345	Currency, coded	C an..3	D
		For overseas use only		
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Group: **ALC** Segment Group 51: Allowance or Charge
Position: 1890
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 15
Purpose: A group of segments specifying allowances and charges summary totals for the invoice.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1900	ALC	Allowance or Charge	M	1	
O	1920	MOA	Monetary Amount	C	2	

Segment: **ALC** Allowance or Charge
Position: 1900 (Trigger Segment)
Group: SG51
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance type to be summarised.
Notes: This segment is used to specify the total per allowance or charge type or all allowances and charges. Allowances and charges detailed both at the header level and on individual product lines are summarized here.

Example :

ALC+A+21108'

Dependency Notes :

DE 4471: This data element is only used if the value in DE 5463 is 'C', charge.

DE C214: This composite is only included if the buyer knows the type of allowance or charge.

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5463		ALLOWANCE OR CHARGE QUALIFIER	M an..3	M
		A Allowance		
		C Charge		
C552		ALLOWANCE/CHARGE INFORMATION	C	X
	1230	Allowance or charge number	C an..35	X
	5189	Charge/allowance description, coded	C an..3	X
4471		SETTLEMENT, CODED	C an..3	X
1227		CALCULATION SEQUENCE INDICATOR, CODED	C an..3	X
C214		SPECIAL SERVICES IDENTIFICATION	C	X
	7161	Special services, coded	C an..3	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
	7160	Special service	C an..35	X
	7160	Special service	C an..35	X

Segment: **MOA** Monetary Amount
Position: 1920
Group: SG51
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment specifying the summary amount for the allowance or charge.
Notes: This segment is used to specify the monetary values per allowance or charge type or for all allowances and charges.

Example :
 MOA+131:6583.49'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516	5025	MONETARY AMOUNT	M	M
		Monetary amount type qualifier	M an..3	M
Code 388 and 389 are not in EANCOM but occur in the 02B UN/EDIFACT directory. They will be raised as a change request for addition to EANCOM.				
		23		<i>Charge amount</i>
		388		<i>Total amount including tax</i>
		389		<i>Amount excluding tax</i>
	5004	Monetary amount	C n..18	R
		8		<i>allowance or charge amount</i>
		25		<i>Charge/allowance basic</i>
		131		<i>Total charges/allowance</i>
	6345	Currency, coded	C an..3	X
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

Segment: **UNT** Message Trailer
Position: 1930
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+84+1'

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.		