

Price Catalogue Message
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

July 2004

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 Automotive Aftermarket Industry Supply Chain Improvement Project (B2B E-Commerce Project).

Input into the content of this document was provided by:

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

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 Supply Chain Improvement Steering Committee 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

Not applicable at this stage.

4. Data Content and Structure

UNH	Message header
BGM	Message function (original (function per line), addition, deletion, change, replace, reissue entire catalogue)
DTM	Message date and effective dates for release to partners and ordering
FTX	Language of message and price sheet name
RFF	Price sheet number
DTM	Price sheet effective date
NAD	Buyer and supplier identification
RFF	ABN of supplier
CTA	Contact names
COM	Contact numbers

Detail Section

PGI	High level product group
LIN	EAN GTIN identifying product, function (add, delete, change, correction of error, replace)
PIA	Other product identification/attributes, and UNSPSC classification, substitute item, base item, product id (SKU), manufacturer's identification
IMD	Short and long line item description, brand, variant, part description, proper shipping name, free text, flags for order/invoice unit, unit type (consumer, trade etc.), UNSPSC description, variable measure item flag
MEA	Gross weight, shelf space management dimensions, item configuration e.g. # of layers, pallet configuration and dimensions
QTY	# base units in item and on pallet, minimum order quantity and order quantity multiple
HAN	Hazardous material information
ALI	Country of origin
DTM	Release date, lead time, MSDS issue date
NAD	Original equipment manufacturer name
RFF	POLK identifier, image name
DOC	MSDS information – name, source, etc
FTX	Line item warranty information
TAX	GST rate and oil levy flag for the item
MOA	Oil levy amount
PRI	Prices including units of measure for variable measure items
CUX	Price currency
RNG	Price quantity breaks
DTM	Price start and end dates
LOC	Trading partners, states or sources of supply (e.g. direct to store vs. cross dock) to which the price applies
ALC	Off invoice allowances
PCD	Allowance percent
HYN	Next lower level product
QTY	Quantity of next lower level product.
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 the Automotive Aftermarket Industry) 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. Similar representations are used for data elements within a segment.

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, this can be done by reviewing the Automotive Aftermarket Industry Product Information Standard as well as discussing data requirements with your trading partners.

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Business descriptor name	Segment
Header	
Price Catalogue flag	BGM
Price Catalogue message number	BGM
Message Function (e.g. Add, delete etc.)	BGM
Message date	DTM (header)
Message language	FTX (header)
Buyer & Supplier identification	NAD, grp2
Product Group	
Product group code (and description if add)	PGI, grp16
Line Item	
Line item number	LIN, grp33
Product identifier (GTIN or proprietary) and type	LIN or PIA, grp33
Short Product id (SKU) description, item description, unit type (e.g. consumer, trade, despatch)	IMD, grp33
Trailer	
Message Trailer	UNT

7. Sample Message

<i>Catalogue example</i>	
<i>Scenario: Addition of 3 items; 2 consumer units and one trade unit. The trade unit is orderable and has a list price attached to it for specific customer(s).</i>	
UNB+UNOA:3+9377778607733:14+937777654321C:14+030115:1045+0000000000182'	Interchange Header segment for interchange INT1, includes trading partner addressing.
UNH+0001+PRICAT:D:96A:UN:EAN006'	
BGM+9+0000000000182+9'	Message Header with UN/EDIFACT message type and directory version
DTM+137:20030115:102'	Date of message is 15 th Jan 2003
NAD+BY+9377778607733:14:9'	Buyer identifier
NAD+SU+937777860111C:14:9'	Supplier identifier
FTX+ZZZ+0001::ZZZ++EN'	Language of message
RFF+PL:ABC123'	Price sheet number
DTM+7:040713:102'	Price sheet date
PGI+11+001::90:EAN Oil Division'	Product group is the EAN Oil Division
LIN+1+1+9312345678907:EN'	1 st Line item being added, identified by EAN 13 Global Trade Item Number (GTIN)
PIA+1+BKB 0908:MF'	Manufacturer's item identifier
PIA+1+50192703:GD::6'	UNSPSC classification code
PIA+3+9333344444119:EN::91'	Alternate GTIN
IMD+F+DSC+:::EAN Motor Oil 500g'	GTIN description
IMD+F+BRN+:::EAN'	Item brand
IMD+F+TPE+:::Motor'	Item variant
IMD+C++CU:::9'	Consumer unit
MEA+PD+HT+MMT:112'	Height of item in mm (for shelf space management)
MEA+PD+WD+MMT:76'	Width of item in mm (for shelf space management)
MEA+PD+DP+MMT:76'	Depth of item in mm (for shelf space management)
MEA+PD+ABJ+MTQ:0.000647'	Volume of item (HxWxD)
MEA+AAE+AAB+KGM:0.425'	Item gross weight in kg
MEA+UC+UCO+PCE:1'	Units per pack
MEA+UC+CT+GRM:500.000'	Unit net contents is 500gm
ALI+AU'	Country of origin = Australia
DTM+261:20010301:102'	Trading Partner Release Date
DTM+7:20011126:102'	Effective date (after which orders may be placed)
TAX+7+GST++++:::10.000'	GST applicable
TAX+7+OIL'	Oil levy is applicable
MOA+124:0.79'	Monetary amount of the oil levy
LIN+2+1+9312345678945:EN'	2 nd line item being added
PIA+1+CHB 0945:MF'	Manufacturer's item number
PIA+1+50192703:GD::6'	UNSPSC classification code
IMD+F+DSC+:::EAN Remanufactured Cylinder'	GTIN description
IMD+F+BRN+:::EAN'	Brand
IMD+F+TPE+:::Remanufactured'	Variant
IMD+C++REM'	Remanufactured part
IMD+C++CU:::9'	Consumer unit

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IMD+C++TU::9'	Trade unit
IMD+C++DU::9'	Despatch unit
IMD+C++ORU::9'	Orderable unit
IMD+C++IN::9'	Invoice unit
MEA+PD+HT+MMT:112'	Item height in mm (for shelf space management)
MEA+PD+WD+MMT:76'	Item width in mm (for shelf space management)
MEA+PD+DP+MMT:76'	Item depth in mm (for shelf space management)
MEA+PD+ABJ+MTQ:0.000647'	Item volume (HxDxW)
MEA+AAE+AAB+KGM:0.425'	Item gross weight
MEA+UC+UCO+PCE:1'	Units per pack = 1
MEA+UC+CT+EA:1'	Unit net contents = 1EA
ALI+AU'	Country of origin is Australia
DTM+261:20010301:102'	Trading Partner Release Date
DTM+7:20010409:102'	Effective date (after which orders may be placed)
FTX+WRT+1+WD::ZZZ+50:KMT	Warranty distance: 50 kilometers
FTX+WRT+1+WP::ZZZ+36:MON'	Warranty time
TAX+7+GST++++::10.000'	Tax rate applicable
PRI+AAB:300.0000:CA:LIU:1.000:EA'	List price is \$300.00 per item
CUX+2:AUD:8'	In Australian dollars
DTM+194:20020110:102'	Price start date
LOC+162++FNQ::ZZZ'	Price market area
LOC+162++NSW::ZZZ'	Price market area
LOC+162++QLD::ZZZ'	Price market area
LOC+162++VIC::ZZZ'	Price market area
ALC+A++2+1+DAE:::001:9377778607764'	Warehouse allowance included in invoice price
PCD+3:2.000'	Equivalent to 2%
ALC+A++2+1+ACZ:::001:9377778607764'	Ullage allowance included in invoice price
PCD+3:5.400'	Equivalent to 5.4%
LIN+3+1+9331223344550:EN+1+2'	This LIN is a core component of LIN 2
IMD+F06+:::Cylinders'	Supplier core group to which the core component belongs.
PRI+AAB:50.00:CA:BAP:1:EA'	Core price is \$50.00 for one cylinder core
LIN+4+1+29312345678956:EN'	4 th line item being added
PIA+1+9312345678952:EN'	GTIN identifying the base unit within this unit
PIA+1+SKB 0952:MF'	Manufacturer's item number
PIA+1+SKB 0952:GU'	Product ID number (often the same)
PIA+1+50192703:GD::6'	UNSPSC classification code
IMD+F+DSC+:::EAN Motor Oil 12 x 500ml'	GTIN description
IMD+F+BRN+:::EAN'	Brand
IMD+F+TPE+:::Motor'	Variant
IMD+C++TU::9'	Trade unit
IMD+C++DU::9'	Despatch unit
IMD+C++ORU::9'	Orderable unit
IMD+C++IN::9'	Invoice unit
MEA+PD+HT+MMT:112'	Item height in mm (for shelf space management)
MEA+PD+WD+MMT:456'	Item width in mm (for shelf space management)
MEA+PD+DP+MMT:304'	Item depth in mm (for shelf space management)
MEA+AAE+AAB+KGM:10.200'	Item gross weight
MEA+UC+UCO+PCE:4'	Units per pack = 4

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MEA+UC+CT+EA:6.000'	Unit net content = 6
MEA+PD+PHT+MMT:940'	Pallet height in mm
MEA+PD+PWD+MMT:1164'	Pallet width in mm
MEA+PD+PDP+MMT:1164'	Pallet depth in mm
MEA+PD+NUL+PCE:6'	Number of trade items per pallet layer
QTY+BUP:864:EA'	Number of base units per pallet
QTY+53:18:EA'	Minimum order quantity
QTY+43E:18:EA'	Order quantity multiples
QTY+52:24:EA'	Number of base units per item
ALI+AU'	Country of origin is Australia
DTM+261:20010301:102'	Trading Partner Release Date
DTM+7:20020212:102'	Effective date (after which orders can be placed)
DTM+169:4:804'	Usual lead time
TAX+7+GST++++:10.000'	Tax rate applicable
PRI+AAB:18.0000:CA:LIU:1.000:EA'	List price is \$18.00 per item
CUX+2:AUD:8'	In Australian dollars
DTM+194:20020110:102'	Price start date
LOC+8+9377778607764::9'	Identification of customer for whom price is applicable
LOC+7+++DC::ZZZ'	Price applies for delivery to Distribution Centre (DC) only
ALC+A++2+1+DAE:::001:9377778607764'	Warehouse allowance included in invoice price
PCD+3:2.000'	Equivalent to 2%
ALC+A++2+1+ACZ:::001:9377778607764'	Ullage allowance included in invoice price
PCD+3:5.400'	Equivalent to 5.4%
HYN+P+C+1+19312345678959:EN'	GTIN of next lower level item inside this item
QTY+17E:4:EA'	Number of next lower level items
UNT+123+0001'	Message trailer and control field
UNZ+1+00000000000182'	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.

PRICAT Price/Sales Catalogue Message

Notes:

Automotive Aftermarket Industry Price Catalogue Message, v1.0, July 2004.

For the bilateral exchange of item catalogue and item pricing data.

Recommended numeric field formats shown as (x.y) denote up to x characters before the decimal point and up to y characters after the decimal point.

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>
14	0010	UNH	Message Header	M	M	1		
15	0020	BGM	Beginning of Message	M	M	1		
17	0030	DTM	Date/Time/Period	M	M	35		
18	0050	FTX	Free Text	C	M	99		
	0060		Segment Group 1	C	O		99	
21	0070	RFF	Reference	M	M	1		
22	0080	DTM	Date/Time/Period	C	O	5		
	0090		Segment Group 2	C	R		99	
24	0100	NAD	Name and Address	M	M	1		
	0120		Segment Group 3	C	O		10	
27	0130	RFF	Reference	M	M	1		
	0150		Segment Group 4	C	O		5	
29	0160	CTA	Contact Information	M	M	1		
30	0170	COM	Communication Contact	C	O	5		

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>
	0540		Segment Group 16	C	R		1000	
32	0550	PGI	Product Group Information	M	M	1		
	1140		Segment Group 33	C	R		999999	
34	1150	LIN	Line Item	M	M	1		
35	1160	PIA	Additional Product Id	C	D	10		
37	1170	IMD	Item Description	C	R	999		
39	1180	MEA	Measurements	C	O	10		
42	1190	QTY	Quantity	C	O	10		
44	1200	HAN	Handling Instructions	C	O	5		
45	1210	ALI	Additional Information	C	O	5		
46	1220	DTM	Date/Time/Period	C	O	10		
47	1230	NAD	Name and Address	C	O	99		
48	1240	RFF	Reference	C	O	99		
49	1260	DOC	Document/Message Details	C	O	1		
50	1270	FTX	Free Text	C	O	5		
	1320		Segment Group 35	C	O		10	
52	1330	TAX	Duty/Tax/Fee Details	M	M	1		
53	1340	MOA	Monetary Amount	C	O	1		
	1380		Segment Group 37	C	O		100	
55	1390	PRI	Price Details	M	M	1		
56	1400	CUX	Currencies	C	O	1		
57	1410	APR	Additional Price Information	C	O	1		

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578	1420	RNG	Range Details	C	O	1
60	1430	DTM	Date/Time/Period	C	O	5
61	1435	LOC	Place/Location Identification	O	O	99
	1450		Segment Group 38	C	O	99
63	1460	ALC	Allowance or Charge	M	M	1
	1520		Segment Group 40	C	O	1
66	1530	PCD	Percentage Details	M	M	1
	1785		Segment Group 48	C	O	999
68	1786	HYN	Hierarchy information	M	M	1
69	1787	QTY	Quantity	C	R	1
70	1790	UNT	Message Trailer	M	M	1

Automotive Aftermarket Industry EDI Message Implementation Guidelines

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 Price/sales catalogue message is PRICAT.
 Note: Price/sales catalogue messages conforming to this document must contain the following data in segment UNH, composite S009:

Data element 0065 PRICAT 0052 D 0054 96A 0051 UN

Notes: Segment Notes.
 This segment is used to head, identify and specify a message.
 Example :
 UNH+ME000001+PRICAT:D:96A:UN:EAN006'

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 <i>PRICAT Price/sales catalogue message</i>	M an..6	M
	0052	Message type version number	M an..3	M
	0054	Message type release number	M an..3	M
	0051	Controlling agency <i>UN UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)</i>	M an..2	M
	0057	Association assigned code <i>EAN006</i>	C an..6	R
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

Automotive Aftermarket Industry EDI Message Implementation Guidelines

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 Price/Sales catalogue by means of its type and number and when necessary its function.
Notes: Segment Notes.

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

The message function, coded, is the critical data element in this segment. It applies to all data in the message. See codes in data element 1225 for definitions.

Example :

BGM+9+0001+2'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002		DOCUMENT/MESSAGE NAME	C	R
	1001	Document/message name, coded 9 <i>Price/sales catalogue</i>	C an..3	R
	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	X
1004		DOCUMENT/MESSAGE NUMBER	C an..35	R
		Price/sales catalogue number assigned by the document sender.		
1225		MESSAGE FUNCTION, CODED	C an..3	R
	2	<i>Addition</i> This code is used to add new products for the first time to your catalogue.		
	3	<i>Deletion</i> This code is used to delete products from the supplier's catalogue. In the case of deletion of GTINs, each LIN segment to be deleted must be sent in the detail section.		
	4	<i>Change</i> This code is used to modify any information relevant to a product already loaded in the catalogue. Only the segments containing modified information need be sent. However, all previously sent data in a modified segment must be sent.		
	5	<i>Replace</i> This code is used to entirely replace all existing information for GTIN(s) included. This is the only mechanism available for "blanking out" fields that previously contained non-blank values, such as descriptions, dates etc. Any segments or data elements not provided, that had previously been sent for a GTIN, will be removed from the catalogue.		
	9	<i>Original</i> When this code is used here in the BGM segment, then each line item LIN segment will contain d.e. 1229 - Action Code to be applied to each item. (Note: when BGM contains an action code other than "9" then that code is applied to all line items in the PRICAT message; in that case, if the LIN segment action code is additionally provided it is ignored).		

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Reissue

Used to replace entire catalogue.i.e. recipient to delete all items held for this supplier and replace with the contents of this catalogue.

4343

RESPONSE TYPE, CODED

C an..3 X

Automotive Aftermarket Industry EDI Message Implementation Guidelines

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 Price/sales catalogue document date.
 Examples of the use of this DTM segment are: Lead times that apply to the whole Price/Sales catalogue or expiration date/time of the Price/sales catalogue.
 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. the Reference date is specified within the RFF segment group.

Notes: Segment Notes.

This segment is used to specify the date or period of the Price/Sales Catalogue.

Note that all equivalent DTM codes at the detail level (LIN loop) overrode their corresponding codes if used here at the header level.

Example :

DTM+137:19970301:102' (Effective date is 8th June 2001)

Document date is the 1st March 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
		8		<i>Order received date/time</i>
				Effective date of the message.
		137		<i>Document/message date/time</i>
				Mandatory - Date of this message.
		157		<i>Validity start date</i>
				Aka Available Date (in Product Information Standard).
		362		<i>End availability date</i>
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **FTX** Free Text
Position: 0050
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose: A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Notes: Segment Notes.

This segment is used to provide any free text information related to the complete Price/Sales Catalogue message.

Use of this segment in free form is not recommended since it inhibits automatic processing of the Price/Sales Catalogue. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.

Example :

FTX+ZZZ+1+002::ZZZ+January Boomer'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
4451		TEXT SUBJECT QUALIFIER <i>ZZZ Mutually defined</i>	M an..3	M
4453		TEXT FUNCTION, CODED <i>1 Text for subsequent use</i>	C an..3	R
C107		TEXT REFERENCE	C	D
	4441	Free text, coded <i>001 Language of message 002 Price Sheet Name</i>	M an..3	M
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded <i>ZZZ Mutually defined</i>	C an..3	O
		TEXT LITERAL	C	O
C108	4440	Free text	O an..70	O
		Used to identify the name of the Price Sheet being referenced in this message. Not used when specifying the language of the message.		
	4440	Free text	C an..70	X
	4440	Free text	C an..70	X
	4440	Free text	C an..70	X
3453		LANGUAGE, CODED	C an..3	R
		All ISO 2 letter codes are acceptable here. Some example codes are shown below.		
		This field is usually used to indicate the language of the free text message preceding it, however in this implementation it has been agreed that DE 3453 will be used to indicate the language for the entire message being transmitted.		
		This DE is not used when using the FTX segment to indicate the name of the Price Sheet being referenced in the message.		
		<i>DA Danish DE German</i>		

Automotive Aftermarket Industry EDI Message Implementation Guidelines

<i>EN</i>	<i>English</i>
<i>ES</i>	<i>Spanish</i>
<i>FR</i>	<i>French</i>
<i>GA</i>	<i>Irish</i>

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Group: **RFF** Segment Group 1: Reference
Position: 0060
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. request for price information.

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0070	RFF	Reference	M	1	
O	0080	DTM	Date/Time/Period	C	5	

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **RFF** Reference
Position: 0070 (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: Segment Notes.

This segment is used to give references which apply to the complete message.

Example :

RFF+PL:1234567'

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 <i>PL Price list number</i>	M an..3	M
	1154	Reference number	C an..35	R
		Supplier price sheet number (current or superseded) should be referenced here.		
	1156	Line number	C an..6	X
	4000	Reference version number	C an..35	X

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **DTM** Date/Time/Period
Position: 0080
Group: SG1
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the date/time related to the reference.

Notes: Segment Notes.

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

In the AA implementation of the PRICAT message this segment is used to indicate the start date of the current price sheet.

For the AA implementation the following rules are used:
 If RFF + DTM are used, the price sheet being referenced is the valid, current price sheet.
 If RFF, but not DTM are used, the price sheet being referenced is the superseded price sheet, ie, that being replaced by the RFF + DTM combination.

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
		7 <i>Effective date/time</i>		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102 <i>CCYYMMDD</i>		

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Group: **NAD** Segment Group 2: Name and Address
Position: 0090
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information relevant to the price/sales catalogue.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0100	NAD	Name and Address	M	1	
	0120		Segment Group 3: Reference	C		10
	0150		Segment Group 4: Contact Information	C		5

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment:	NAD Name and Address
Position:	0100 (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. Identification of the sender and receiver parties is mandatory for the Price/sales catalogue message. It is recommended that where possible only the coded form of the party ID should be specified, e.g. The sender and the receiver are known to each other, thus only the coded ID is required, but the other parties specified in the message may vary and would have to be clearly specified, preferably in structured format.
Notes:	Segment Notes. This segment is used to identify both the supplier sending the catalogue and the recipient buyer or buying group. Example : NAD+BY+9377778607658:14:9'

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
		<i>BY</i> Buyer		
		Buying party being sent this catalogue may be a buying group or an individual store.		
		<i>SU</i> Supplier		
C082		PARTY IDENTIFICATION DETAILS	C	D
		Dependency rule: Recommended that EAN Global Location Number (GLN) is used. Otherwise use legacy party codes or structured text name and address.		
	3039	Party id. identification	M an..35	M
		Coded identification of the information provider.		
	1131	Code list qualifier	C an..3	D
		Dependency rule: Must use when the party identifier in data element 3039 is a GLN. Otherwise not used.		
		<i>14</i> Global Location Number (GLN)		
	3055	Code list responsible agency, coded	C an..3	O
		<i>9</i> EAN (International Article Numbering association)		
		Must be used when DE 3039 = GLN.		
		<i>91</i> Assigned by supplier or supplier's agent		
		<i>92</i> Assigned by buyer or buyer's agent		
C058		NAME AND ADDRESS	C	D
		Dependency: Must be used if C082 is not used, otherwise optional.		
	3124	Name and address line	M an..35	M
		Company Name		
	3124	Name and address line	C an..35	O
		Trading Division		
	3124	Name and address line	C an..35	O
		Company web site address.		
	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
		Party Name in clear text.		
	3036	Party name	C an..35	X
	3036	Party name	C an..35	X

Automotive Aftermarket Industry EDI Message Implementation Guidelines

	3036	Party name	C	an..35	X
	3036	Party name	C	an..35	X
C059	3045	Party name format, coded	C	an..3	X
		STREET	C		D
		Dependency rule: as per CO58.			
	3042	Street and number/p.o. box	M	an..35	M
		Building Name/Number and Street Name			
	3042	Street and number/p.o. box	C	an..35	O
		Additional address information e.g. suite number			
	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	D
		City/Town name, free text.			
		Dependency: Optional if C082 is not used.			
3229		COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	D
		For state/province, use national standard abbreviations.			
3251		POSTCODE IDENTIFICATION	C	an..9	D
		Postal Code			
3207		COUNTRY, CODED	C	an..3	D
		Other countries: Use any valid 2 digit ISO 3166 code.			
		Dependency as per DE 3164.			
		<i>AU</i>			<i>AUSTRALIA</i>

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Group: **RFF** Segment Group 3: Reference
Position: 0120
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments giving references only relevant to the specified party.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0130	RFF	Reference	M	1	

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **RFF** Reference
Position: 0130 (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: Segment Notes.

This segment may be used for the supplier's ABN.

Example :

RFF+XA:67111222333'

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 XA	M an..3	M
		<i>Company/place registration number</i>		
		Supplier's Australian Business Number (ABN)		
	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 EDI Message Implementation Guidelines

Group: **CTA** Segment Group 4: Contact Information
Position: 0150
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments giving contact details of the person or department within the party identified in the NAD segment.
Notes: Used to specify supplier contact details.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0160	CTA	Contact Information	M	1	
O	0170	COM	Communication Contact	C	5	

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **CTA** Contact Information
Position: 0160 (Trigger Segment)
Group: SG2-SG4
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department, and their function, to whom communications should be directed.
Notes: Segment Notes.

Example :

CTA+CP+:MARK CARTER'

Mark Carter is the person to contact for PRICATs.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		CONTACT FUNCTION, CODED	C an..3	R
		<i>CP</i> Responsible person for computer data processing (EAN Code)		
		<i>IC</i> Information contact		
C056		DEPARTMENT OR EMPLOYEE DETAILS	C	R
	3413	Department or employee identification	C an..17	O
		Business title		
	3412	Department or employee	C an..35	R
		Contact name		

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **COM** Communication Contact
Position: 0170
Group: SG2-SG4
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment to identify a communications type and number for the contact specified in the CTA segment.

Notes: Segment Notes.
 Example :
 COM+02 8856-3343:TE'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		COMMUNICATION CONTACT	M	M
	3148	Communication number	M an..512	M
	3155	Communication channel qualifier	M an..3	M
		<i>EM</i> <i>Electronic mail</i>		
		<i>FX</i> <i>Fax</i>		
		<i>TE</i> <i>Telephone</i>		

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Group: **PGI** Segment Group 16: Product Group Information
Position: 0540
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1000
Purpose: A group of segments enabling the standard commercial factors relevant to a specific group of items to be specified. e.g. quantity related price break factors or minimum order quantity.
Notes: Beginning of detail section.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0550	PGI	Product Group Information	M	1	
	1140		Segment Group 33: Line Item	C		999999

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **PGI** Product Group Information
Position: 0550 (Trigger Segment)
Group: SG16
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the products Price/Tariff group where applicable.
Notes: Segment Notes.

This segment is used to group a set of related products together in groups as assigned by the supplier at their discretion. It is through the use of such product groupings that suppliers can structure their catalogue to reflect their business.

All products provided within LIN loops under the same PGI group belong to the same product group.

Note: DE 5388 'product group description' is mandatory when adding a new product group.

Example :

PGI+11+001::90:BRAKE PADS'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5379		PRODUCT GROUP TYPE, CODED <i>11 Product group</i>	M an..3	M
C288	5389	PRODUCT GROUP Product group, coded A 4 character product group identifier.	C C an..3	R R an..4
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded <i>90 Assigned by manufacturer</i>	C an..3	O
	5388	Product group Product group description.	C an..35	D
	Dependency rule: Product group description must be used when adding a new product group.			

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Group: **LIN** Segment Group 33: Line Item
Position: 1140
Group: Segment Group 16 (Product Group Information) Conditional (Optional)
Level: 2
Usage: Conditional (Required)
Max Use: 999999
Purpose: A group of segments providing the relevant price/sales information for the specified product/service.
Notes: This segment group is required.

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1150	LIN	Line Item	M	1	
O	1160	PIA	Additional Product Id	C	10	
O	1170	IMD	Item Description	C	999	
O	1180	MEA	Measurements	C	10	
O	1190	QTY	Quantity	C	10	
O	1200	HAN	Handling Instructions	C	5	
O	1210	ALI	Additional Information	C	5	
O	1220	DTM	Date/Time/Period	C	10	
O	1230	NAD	Name and Address	C	99	
O	1240	RFF	Reference	C	99	
O	1260	DOC	Document/Message Details	C	1	
O	1270	FTX	Free Text	C	5	
	1320		Segment Group 35: Duty/Tax/Fee Details	C		10
	1380		Segment Group 37: Price Details	C		100
	1450		Segment Group 38: Allowance or Charge	C		99
	1783		Segment Group 48: Hierarchy information	C		999

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment:	LIN Line Item
Position:	1150 (Trigger Segment)
Group:	SG16-SG33
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment identifying the line item (or sub-line item in a configuration).
Notes:	<p>Product numbering note: If an EAN Global Trade Item Number (GTIN) is used to identify the product, then according to EAN.UCC numbering rules, the GTIN must identify the product to its lowest level of variance (excluding variable measure attributes such as length).</p> <p>In keeping with this, although coded product attributes are allowed for, they should not be used to uniquely define a product, as the GTIN does this. They may be used to provide searchable attribute fields only.</p> <p>In the case where non-EAN.UCC (legacy/proprietary) product numbering is being used, there are no rules - attributes may or may not be used to further define a product.</p> <p>The Automotive Aftermarket Industry Guidelines for Numbering and Bar Coding define applicable rules for item identification using the EAN.UCC System.</p>

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 lines within the PRICAT message.		
		Dependency rule: As LIN is a mandatory segment, this data element must be used (to satisfy syntax rules) if no other data element in this segment is used.		
1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3	R
		Dependency rule: This action code is required if the BGM data element 1225 = 9, otherwise it is ignored.		
		<i>1</i>	<i>Added</i>	
		<i>2</i>	<i>Deleted</i>	
		<i>3</i>	<i>Changed</i>	
		<i>1E</i>	<i>Correction of error (EAN Code)</i>	
		<i>38</i>	<i>Replaced</i>	
C212		ITEM NUMBER IDENTIFICATION	C	D
		Dependency rule: If the product has a GTIN allocated then it is mapped to this LIN segment. Otherwise, if internal product numbers are used, map to the PIA segment.		
	7140	Item number	C an..35	R
		Format n..14 EAN-8, UPC-A, EAN-13, or DUN-14 - this is the GTIN.		
	7143	Item number type, coded	C an..3	R
		<i>EN</i>	<i>International Article Numbering Association (EAN)</i>	
		<i>UP</i>	<i>UPC (Universal product code)</i>	
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
C829		SUB-LINE INFORMATION	C	O
		Used when specifying core component information for a line item. When the sub-line indicator is used, the LIN refers to the core component of the LIN to which this sub-line applies.		
	5495	Sub-line indicator, coded	C an..3	R
		<i>1</i>	<i>Sub-line information</i>	
	1082	Line item number	C n..6	R
1222		CONFIGURATION LEVEL	C n..2	X
7083		CONFIGURATION, CODED	C an..3	X

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **PIA** Additional Product Id
Position: 1160
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment for identifying a product in the Price Catalogue.
Notes: Segment Notes:

This segment is used for the Product ID (SKU), vendor internal product number, superseded item, alternate item, GTIN of Base Unit and UNSPSC code.

Note: UNSPSC classification is recommended for use in the Automotive Aftermarket industry and should be used wherever possible.

Examples

PIA+4+9312345000005:EN'
 (substituted item)

PIA+1+50141505:GD::6+9312345678907:EN+SKU123:MF'
 (UNSPSC code 50141505, 9312345678907 is the GTIN of the Base Unit and SKU123 is the Vendor's Internal Reference).

Note: subsequent occurrences of C212 may be used within one occurrence of the PIA segment (see example above). Note data elements 7140/7143 in those subsequent C212s are only required if the parent C212 is used.

Dependency: PIA segment must be used if the LIN segment C212 is not used.

See Product Numbering Note (on LIN segment)

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
		<i>1</i>		<i>Additional identification</i>
		<i>3</i>		<i>Substituted by</i>
				This code is used to advise of items that can be supplied instead of the current item, ie, alternate items.
		<i>4</i>		<i>Substituted for</i>
				This code is used to advise of items that have been superseded by this line item.
C212		ITEM NUMBER IDENTIFICATION	M	M
	7140	Item number	C an..35	R
		See DE 7143 for actual field lengths.		
	7143	Item number type, coded	C an..3	R
		<i>EN</i>		<i>International Article Numbering Association (EAN)</i>
				Used for alternate GTIN, superseded GTIN or GTIN of base.
				an..14
		<i>GD</i>		<i>Industry sector article group number/product classification code (EAN Code)</i>
				Used for UNSPSC code.
		<i>MF</i>		<i>Manufacturer's (producer's) article number</i>
				Dependency rule: Must be used if no GTIN present in LIN segment.
				an..48

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				Note, where the LIN to which this PIA applies is a sub-line, the value specified in this DE is a core component code.
				Note, when DE 3055 = 90, the code MF in this DE indicates the original manufacturer's part number.
	UP			UPC (Universal product code)
				Used for alternate GTIN, superseded GTIN or GTIN of base.
				an..14
	1131	Code list qualifier	C	an..3 X
	3055	Code list responsible agency, coded	C	an..3 D
		6		UN/ECE (United Nations - Economic Commission for Europe)
				Used to denote the DE 7140 contains the UNSPSC.
		90		Assigned by manufacturer
				Used when indicating the original manufacturer's part number for the line item.
		91		Assigned by supplier or supplier's agent
				Denotes a supplier assigned code is in DE 7140.
		92		Assigned by buyer or buyer's agent
				Denotes a buyer assigned code is in DE 7140.
C212		ITEM NUMBER IDENTIFICATION	C	O
				See DE C212 above.
	7140	Item number	C	an..35 R
	7143	Item number type, coded	C	an..3 R
	1131	Code list qualifier	C	an..3 X
	3055	Code list responsible agency, coded	C	an..3 D
C212		ITEM NUMBER IDENTIFICATION	C	O
	7140	Item number	C	an..35 R
	7143	Item number type, coded	C	an..3 R
	1131	Code list qualifier	C	an..3 X
	3055	Code list responsible agency, coded	C	an..3 D
C212		ITEM NUMBER IDENTIFICATION	C	O
	7140	Item number	C	an..35 R
	7143	Item number type, coded	C	an..3 R
	1131	Code list qualifier	C	an..3 X
	3055	Code list responsible agency, coded	C	an..3 D
C212		ITEM NUMBER IDENTIFICATION	C	O
	7140	Item number	C	an..35 R
	7143	Item number type, coded	C	an..3 R
	1131	Code list qualifier	C	an..3 X
	3055	Code list responsible agency, coded	C	an..3 D

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **IMD** Item Description
Position: 1170
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 999
Purpose: A segment for describing the product or service as well as its characteristics. This segment should be used for products or services that cannot be identified by a product code or article number.

Notes: Segment Notes.

This segment is used to describe the current line item.

IMD+F:DSC+::9:GTIN Description'
 IMD+F+BRN+::9:AAAA' (Brand)
 IMD+F+TPE+::9:Engine wear reduction' (Variant)
 IMD+F+F01+::Free Text'
 IMD+C++ORU::9' (Order unit)
 IMD+C++IN::9' (Invoice unit)

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	C an..3	R
	C	<i>Code (from industry code list)</i> Used for unit indicators, etc.		
	E	<i>Free-form short description</i> Used for part description - short, etc		
	F	<i>Free-form</i> Used for GTIN description, brand, variant and free text requirements, etc		
7081		ITEM CHARACTERISTIC, CODED	C an..3	O
	79	<i>Other physical description</i> UNSPSC Description. The total field length for this description is 350 characters, i.e., 5 repeats of the IMD segment.		
	BRN	<i>Brand name (EAN Code)</i>		
	DSC	<i>Description (EAN Code)</i> GTIN Description		
	F01	<i>1st Attribute</i> Used for Associated Comments.		
	F02	<i>2nd Attribute</i> Used for Part Description - Invoice.		
	F03	<i>3rd Attribute</i> Used for slang description of the line item.		
	F04	<i>4th Attribute</i> Used for Vehicle Maintenance Reporting System Description.		
	F05	<i>5th Attribute</i> Used for other free text information as required.		
	F06	<i>6th Attribute</i> Used to specify the Core Group to which the Core Component is assigned by the manufacturer. This code can only be used when the sub-line indicator in the LIN is turned on.		
	F07	<i>7th Attribute</i> Used to indicate the title of the MSDS applicable to the line item. an..70		
	F08	<i>8th Attribute</i> Used to indicate the proper shipping name of the line item.		

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	KEY	Keyword (EAN Code)		
		Used for key search words.		
	TPE	Article type (EAN Code)		
		Variant		
C273	ITEM DESCRIPTION		C	O
	7009	Item description identification	C an..17	O
		May contain other codes (e.g. from industry or manufacturer code list) - see examples at the beginning of this segment.		
		May include additional product attribute codes and descriptions (7009/7008). Codes to be agreed and advised by the industry.		
	<i>CU</i>	<i>Consumer unit (EAN Code)</i>		
	<i>DU</i>	<i>Despatch unit (EAN Code)</i>		
	<i>IN</i>	<i>Invoicing unit (EAN Code)</i>		
	<i>IT</i>	<i>Intermediate unit (EAN Code)</i>		
	<i>ORU</i>	<i>Ordering unit (EAN Code)</i>		
	<i>REM</i>	<i>Remanufactured Part</i>		
		Used to indicate the part is remanufactured.		
	<i>TU</i>	<i>Traded unit (EAN Code)</i>		
	<i>VQ</i>	<i>Variable quantity product (EAN Code)</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		<i>9</i>		<i>EAN (International Article Numbering association)</i>
		<i>60</i>		<i>Assigned by national trade agency</i>
		<i>90</i>		<i>Assigned by manufacturer</i>
		<i>ZZZ</i>		<i>Mutually defined</i>
		Use when DE 7009 = REM and DE 7081 = F01 through to F08.		
	7008	Item description	C an..35	O
		Short product descriptions or first 35 characters of longer descriptions, brand, variant, etc.		
	7008	Item description	C an..35	O
		Second 35 characters of descriptions longer than 35 characters.		
	3453	Language, coded	C an..3	X
		ISO 639 two alpha code		
7383		SURFACE/LAYER INDICATOR, CODED	C an..3	X

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Segment: **MEA** Measurements
Position: 1180
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment to allow physical measurements and dimensions to be stated, where this is required for identification of the product.
Notes: Segment Notes.

MEA+AAE+AAA+KGM:250' (Net weight 250kg)
 MEA+AAE+AAB+KGM:300' (Gross weight 300kg)
 MEA+PD+HT+MMT:100' (Height of item = 100 millimetres)
 MEA+PD+WD+MMT:400' (Width of item = 400 millimetres)
 MEA+PD+DP+MMT:345' (Depth of item = 345 millimetres)
 MEA+PD+ABJ+MTQ:0.1250' (Volume of item is 0.1250 cubic metres)
 MEA+PD+LAY+PCE:2' (Item configuration: 2 layers per pack)
 MEA+PD+X1E+PCE:5' (Item configuration: 5 units in width of layer)
 MEA+PD+X2E+PCE:3' (Item configuration: 3 units in depth of layer)
 MEA+UC+UCO+PCE:6' (Units per Package = 6)

Pallet configuration and dimensions:
 MEA+PD+NUL+PCE:12' (12 trade items per pallet layer)
 MEA+PD+NPL+PCE:6' (6 pallet layers)
 MEA+CT+NUP+PCE:72' (Total trade items per pallet)
 MEA+PD+PHT+MMT:2000' (Pallet height is 2000 millimetres)
 MEA+PD+PWD+MMT:1750' (Pallet width is 1750 millimetres)
 MEA+PD+PDP+MMT:1750' (Pallet depth is 1750 millimetres)
 MEA+AAE+PNW+KGM:75' (Pallet net weight is 75kg)
 MEA+AAE+T+KGM:90' (Pallet gross weight is 90kg)
 MEA+PD+PVO+MTQ:2' (Pallet volume is 2 cubic metres)

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	M an..3	M
		AAE	Measurement	
		CT	Counts	
		PD	Physical dimensions	
		UC	Usable or consumable contents (EAN Code)	
C502		MEASUREMENT DETAILS	C	R
	6313	Measurement dimension, coded	C an..3	R
		AAB	Unit gross weight	
			n..9 (6.3)	
		ABJ	Volume	
			n..9 (6.3)	
		CT	Contents of Package	
			Unit Net Contents	
			n..15 (12.3)	
		DP	Depth	
			n..7 (4.3)	
		HT	Height dimension	
			n..7 (4.3)	
		LAY	Number of Layers of NLL Pack	
			n..4 (4.0)	
		NPL	Number of Pallet Layers	

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					Pallet Layer Maximum
					n..2
	NUL				Trade Items Per Pallet Layer
					n..12 (12.0)
	NUP				Total Trade Items Per Pallet
					n..12 (12.0)
	PDP				Pallet Depth
					n..15 (12.3)
	PHT				Pallet Height
					n..15 (12.3)
	PNW				Pallet Net Weight
					n..15 (12.3)
	PVO				Pallet Volume
					n..18 (12.6)
	PWD				Pallet Width
					n..15 (12.3)
	T				Tare weight
					Pallet Gross Weight
					n..15 (12.3)
	WD				Width dimension
					n..7 (4.3)
	X1E				Number of Next Lower Level Units in Width of Layer
					n..12 (12.0)
	X2E				Number of Next Lower Level Units in Depth of Layer
					n..12 (12.0)
	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	M	an..3	M
		Note: These units of measure apply to those dimensions being measured as identified by the code in DE 6313.			
		CMQ			<i>Cubic centimetre</i>
		CMT			<i>Centimetre</i>
		DMT			<i>Decimetre</i>
		DZN			<i>Dozen</i>
		EA			<i>Each</i>
		FOT			<i>Foot (0,3048 m)</i>
		FTQ			<i>Cubic foot</i>
		GLI			<i>Gallon (4,546092 dm3)</i>
		GRM			<i>Gram</i>
		INH			<i>Inch (25,4 mm)</i>
		KGM			<i>Kilogram</i>
		LTR			<i>Litre (1 dm3)</i>
		MGM			<i>Milligram</i>
		MLT			<i>Millilitre</i>
		MMK			<i>Square millimetre</i>
		MMT			<i>Millimetre</i>
		MTK			<i>Square metre</i>
		MTQ			<i>Cubic metre</i>
		MTR			<i>Metre</i>
		ONZ			<i>Ounce GB, US (28,349523 g)</i>
		P1			<i>Percent</i>
		PCE			<i>Piece</i>
		PND			<i>Pound (EAN Code)</i>
		PR			<i>Pair (EAN Code)</i>

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	<i>PTI</i>	<i>Pint UK (0,568262 dm3)</i>		
	<i>PTN</i>	<i>Portion (EAN Code)</i>		
	<i>ST</i>	<i>Sheet</i>		
	<i>TNE</i>	<i>Metric ton (1000kg)</i>		
6314	Measurement value		C n..18	R
	Numeric measurement value			
6162	Range minimum		C n..18	O
6152	Range maximum		C n..18	O
6432	Significant digits		C n..2	X
7383	SURFACE/LAYER INDICATOR, CODED		C an..3	X

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Segment: **QTY** Quantity
Position: 1190
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment to specify pertinent quantities related to the specified price item line, e.g. minimum order quantity.
Notes: Segment Notes.

This segment is used for minimum order quantity, order quantity multiple, number of base units and base units per pallet.

Note that price break quantities are mapped to the RNG segment within the PRI - Pricing loop.

Examples:

QTY+53:10:MTR' (Minimum order quantity is 10 metres)

QTY+43E:5:MTR' (Must be ordered in multiples of 5 metres, after minimum)

QTY+52:6:EA' (Number of base units is 6)

QTY+BUP:60:EA' (Base units per pallet = 60)

Dependency Notes :

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

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes	
C186	6063	QUANTITY DETAILS	M	M	
		Quantity qualifier	M an..3	M	
		Codes 53 and 43E are for order quantities. Code 52 is for a packaging quantity.			
		52	<i>Quantity per pack</i>		
		Used here, this code denotes the number of base units in the pack.			
		53	<i>Minimum order quantity</i>		
		43E	<i>Incremental order quantity (EAN Code)</i>		
		6060	Quantity	M n..15	M
		Integer n..9 (9.0)			
		6411	Measure unit qualifier	C an..3	D
Note: Unit of Measure codes source: UN Recommendation 20 - Codes for Units of Measure used for international trade.					
Only code EA may be used for packaging quantities, ie, when 6063 = 52. All codes may be used for order quantities.					
		<i>CMQ</i>	<i>Cubic centimetre</i>		
		<i>CMT</i>	<i>Centimetre</i>		
		<i>DMT</i>	<i>Decimetre</i>		
		<i>DZN</i>	<i>Dozen</i>		
		<i>EA</i>	<i>Each</i>		
		<i>FOT</i>	<i>Foot (0,3048 m)</i>		
		<i>GLI</i>	<i>Gallon (4,546092 dm3)</i>		
		<i>GRM</i>	<i>Gram</i>		
		<i>INH</i>	<i>Inch (25,4 mm)</i>		
		<i>KGM</i>	<i>Kilogram</i>		
		<i>LTR</i>	<i>Litre (1 dm3)</i>		
		<i>MTK</i>	<i>Square metre</i>		
		<i>MTQ</i>	<i>Cubic metre</i>		
		<i>MTR</i>	<i>Metre</i>		

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<i>ONZ</i>	<i>Ounce GB, US (28,349523 g)</i>
<i>PI</i>	<i>Percent</i>
<i>PCE</i>	<i>Piece</i>
<i>PND</i>	<i>Pound (EAN Code)</i>
<i>PR</i>	<i>Pair (EAN Code)</i>
<i>PTI</i>	<i>Pint UK (0,568262 dm³)</i>
<i>PTN</i>	<i>Portion (EAN Code)</i>
<i>ST</i>	<i>Sheet</i>

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **HAN** Handling Instructions
Position: 1200
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment providing information on required handling of materials in the line item, and additionally, if required, notifying hazardous materials.
Notes: Segment Notes:
 Hazardous Goods Information
 Dependency note: One of composites C524 or C218 must be used if this segment is used.

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
C524	4079	HANDLING INSTRUCTIONS Handling instructions, coded	C C an..3	D R
Dependency note: When the DE 4079 = DAE or SCL or MP or HZS, DE 4078 is not required.				
		<i>AGQ</i>	<i>Aggregate Quantity</i>	
		<i>DAE</i>	<i>Dangerous article (EAN Code)</i> Used to flag if the line item is a Dangerous Good.	
		<i>ERG</i>	<i>Emergency Response/Emergency Procedures Guide</i>	
		<i>HAC</i>	<i>Dangerous Goods Class Number</i>	
		<i>HAH</i>	<i>Hazchem Code</i>	
		<i>HAP</i>	<i>Packaging Group</i>	
		<i>HAS</i>	<i>Subsidiary Risk</i>	
		<i>HZS</i>	<i>Hazardous Substance</i>	
		<i>MP</i>	<i>Manufactured Product</i>	
		<i>RFL</i>	<i>Flammable liquid</i> Used to identify the Combustible Liquid classification of the line item.	
		<i>RPB</i>	<i>Poison</i> Used to identify the Poison Schedule applicable to the line item.	
		<i>SCL</i>	<i>Spill Containment Liquid</i>	
		<i>SHR</i>	<i>Shipping Restrictions</i>	
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	D
Where DE 4079 = HAC or HAS or HAP or HAH use code 60 in this DE. Otherwise use code ZZZ.				
		<i>60</i>	<i>Assigned by national trade agency</i>	
		<i>ZZZ</i>	<i>Mutually defined</i>	
	4078	Handling instructions	C an..70	D
Contains the Class Number or Poisons Schedule or Combustible Liquid Class or Shipping Restrictions, etc for the line item.				
C218	7419	HAZARDOUS MATERIAL Hazardous material class code, identification	C C an..4	D R
UN Number (an..4)				
	1131	Code list qualifier	C an..3	O
		<i>HMT</i>	<i>Hazardous Material Standard Text</i> Used when DE 7419 contains the UN number of the line item.	
	3055	Code list responsible agency, coded	C an..3	X

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Segment: **ALI** Additional Information
Position: 1210
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the relevant additional information for an item, e.g. country of origin.
Notes: Segment Notes.

This segment is used to indicate special conditions for the current line item, or, to specify the country of origin of the line item.

Example:

ALI+AU'

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	D
All two character ISO country codes are supported. Some examples include the following.				
Dependency: One of DE 3239 or 4183 must be used if this segment is used.				
		<i>AU</i>	<i>Australia</i>	
		<i>CN</i>	<i>China</i>	
		<i>DE</i>	<i>Germany</i>	
		<i>EU</i>	<i>EU (EAN Code)</i>	
		<i>FR</i>	<i>France</i>	
		<i>NZ</i>	<i>New Zealand</i>	
		<i>SG</i>	<i>Singapore</i>	
9213		TYPE OF DUTY REGIME, CODED	C an..3	X
4183		SPECIAL CONDITIONS, CODED	C an..3	X
4183		SPECIAL CONDITIONS, CODED	C an..3	X
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 Industry EDI Message Implementation Guidelines

Segment: **DTM** Date/Time/Period
Position: 1220
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment specifying the date, and when relevant, the time or period of an activity identified by the date/time/period qualifier. e.g. expiration date of the price/sales catalogue for the price item line.

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
		7		
		<i>Effective date/time</i>		
		The date when ordering of the product may commence. Also called the Available Date. If this is not provided then the date will default to the current date.		
		169		
		<i>Lead time</i>		
		362		
		<i>End availability date</i>		
		MSD		
		<i>MSDS Issue Date</i>		
	2380	Date/time/period	C an..35	R
		Lead time field format n..9 (9.0), other date formats are CCYYMMDD.		
	2379	Date/time/period format qualifier	C an..3	R
		102		
		<i>CCYYMMDD</i>		
		109		
		<i>MM</i>		
		804		
		<i>Day</i>		
		Used to specify lead time.		

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **NAD** Name and Address
Position: 1230
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment identifying the parties associated with the described article. For example the manufacturer of the article.

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 <i>MF</i>	M an..3	M
		<i>Manufacturer of goods</i>		
		When the sub-line indicator is turned on, this code is used to specify the information following relates to the original equipment manufacturer.		
C082		PARTY IDENTIFICATION DETAILS	C	X
	3039	Party id. identification	O an..35	X
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X
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
	3036	Party name	M an..35	M
		Used to indicate the name of the original equipment manufacturer.		
	3036	Party name	C 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
		Building Name/Number and Street		
	3042	Street and number/p.o. box	C an..35	X
		Name and/or P.O. Box.		
	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
		City/Town name, clear text		
3229		COUNTRY SUB-ENTITY IDENTIFICATION	C an..9	X
		County/State, clear text		
3251		POSTCODE IDENTIFICATION	C an..9	X
		Postal Code		
3207		COUNTRY, CODED	C an..3	X
		ISO 3166 two alpha code		

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **RFF** Reference
Position: 1240
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment identifying a reference, which is related to the described article, by its number.
Notes: Segment Notes.

This segment is used to identify references, which are related to the current line item.

Example:

RFF+AAL:DRW001'

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
		<i>ACE</i>		
			<i>Related document number</i>	
			Used to specify the POLK identifier applicable to the line item.	
		<i>XB2</i>		
			<i>Actual product picture (EAN Code)</i>	
			Used to reference the file name of the image of the line item.	
	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 EDI Message Implementation Guidelines

Segment: **DOC** Document/Message Details
 Position: 1260
 Group: SG16-SG33
 Level: 3
 Usage: Conditional (Optional)
 Max Use: 1
 Purpose: A segment to indicate that a movement certificate is required.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002		DOCUMENT/MESSAGE NAME	M	M
	1001	Document/message name, coded <i>YB2 MSDS Filename</i>	C an..3	O
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded <i>ZZZ Mutually defined</i>	C an..3	D
	1000	Document/message name	C an..35	D
C503		DOCUMENT/MESSAGE DETAILS	C	O
	1004	Document/message number	C an..35	X
	1373	Document/message status, coded <i>COM Compliant</i>	C an..3	O
		Used to indicate the MSDS is compliant to Australia NOHSC regulations.		
	1366	Document/message source <i>Used to indicate the web address at which the MSDS is stored.</i>	C an..35	O an..100
3153	3453	Language, coded <i>ISO 639 two alpha code</i>	C an..3	X
		COMMUNICATION CHANNEL IDENTIFIER, CODED <i>ELC Electronic</i>	C an..3	O
		Used to indicate an electronic MSDS is available.		
1220		NUMBER OF COPIES OF DOCUMENT REQUIRED	C n..2	X
1218		NUMBER OF ORIGINALS OF DOCUMENT REQUIRED <i>If value '1' entered into DE 1218, an MSDS is required for the line item.</i>	C n..2	O

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **FTX** Free Text
Position: 1270
Group: SG16-SG33
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment with free text information, in coded or clear form, used when additional information is needed at the line item levelled within other segment. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

Notes: Segment Notes.
 This segment is used to provide any free text information related to the current line item.
 In the Automotive Aftermarket implementation of this message, this FTX segment is used to specify warranty information about the line item.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4451		TEXT SUBJECT QUALIFIER <i>WRT Warranty terms (EAN Code)</i>	M an..3	M
4453		TEXT FUNCTION, CODED <i>1 Text for subsequent use</i>	C an..3	O
C107		TEXT REFERENCE	C	D
	4441	Free text, coded <i>WD Warranty Distance</i> <i>WP Warranty Period</i> <i>WS Warranty Special</i>	M an..3	M
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded <i>ZZZ Mutually defined</i>	C an..3	O
		TEXT LITERAL	C	R
C108	4440	Free text	M an..70	M
		This first repeat of DE 4440 is used to reference the warranty distance value, warranty special value or warranty period value.		
	4440	Free text	C an..70	D
		Used to reference the UOM applicable to the previous occurrence of DE 4440. The UOM should be chosen from the lists previous specified in this Message Implementation Guideline.		
	4440	Free text	C an..70	X
	4440	Free text	C an..70	X
	4440	Free text	C an..70	X
3453		LANGUAGE, CODED	C an..3	X

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Group: **TAX** Segment Group 35: Duty/Tax/Fee Details
Position: 1320
Group: Segment Group 33 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying a tax type, category and rate relating to the item.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1330	TAX	Duty/Tax/Fee Details	M	1	
O	1340	MOA	Monetary Amount	C	1	

Automotive Aftermarket Industry EDI Message Implementation Guidelines

Segment: **TAX** Duty/Tax/Fee Details
Position: 1330 (Trigger Segment)
Group: SG16-SG33-SG35
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a tax type, category and rate, or exemption.
Notes: Segment Notes.

This segment is used to specify the tax details for the current line item.

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	R
	5153	Duty/tax/fee type, coded	C an..3	R
		<i>GST Goods and services tax</i>		
		<i>RCL Refrigeration Reclaim Levy</i>		
		<i>FAF Fluorocarbon Activity Fee</i>		
		<i>OIL Australian Oil Levy</i>		
	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	R
	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. Use to specify the GST rate applicable to the line item.		
	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

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Segment: **MOA** Monetary Amount
Position: 1340
Group: SG16-SG33-SG35
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the amount for the identified tax/fee, e.g. a stamp fee.

Notes: Segment Notes.

This segment is used to indicate any monetary amounts related to the previous TAX segment.

Example :

MOA+124:342'

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 <i>124 Tax amount</i>	M an..3	M
	5004	Monetary amount The amount of the Australian Oil Levy, Refrigeration Reclaim Levy or Fluorocarbon Activity Fee.	C n..18	R
	6345	Currency, coded ISO 4217 three alpha code	C an..3	O
	6343	Currency qualifier	C an..3	X
	4405	Status, coded	C an..3	X

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Group: **PRI** Segment Group 37: Price Details
Position: 1380
Group: Segment Group 33 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 100
Purpose: A group of segments identifying the details of the price information for the product or service identified in the PIT segment group.
Notes: All prices are exclusive of GST.

The PRI loop consists of price information followed by the ALC - Allowances - that comprise each price.

Each stated allowance will be flagged as 'off invoice' meaning it will have already been deducted from the list price.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	1390	PRI	Price Details	M	1	
O	1400	CUX	Currencies	C	1	
O	1420	RNG	Range Details	C	1	
O	1430	DTM	Date/Time/Period	C	5	
O	1435	LOC	Place/Location Identification	O	99	

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Segment: **PRI** Price Details
Position: 1390 (Trigger Segment)
Group: SG16-SG33-SG37
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment providing either the unit or reference price and the price type, valid for the pricing group.
Notes: Example:

PRI+AAB+50.00:CA:LIU:1:EA'

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 <i>AAB</i>	M an..3	M
		<i>Calculation gross</i> List price of the line item.		
	5118	Price	C n..15	R
	5375	Price type, coded <i>CA</i>	C an..3	R
		<i>Catalogue</i>		
	5387	Price type qualifier <i>BAP</i>	C an..3	R
		<i>Base article price (EAN Code)</i> When the sub-line indicator in the LIN is turned on, this code is used to specify the cost of the core component within the line item to which the sub-line information applies.		
		<i>LIU</i>		
	5284	Unit price basis This is the quantity of units to which the price applies.	C n..9	R
	6411	Measure unit qualifier	C an..3	R
		<i>CMK</i> Square centimetre		
		<i>CMQ</i> Cubic centimetre		
		<i>CMT</i> Centimetre		
		<i>DMT</i> Decimetre		
		<i>DZN</i> Dozen		
		<i>EA</i> Each		
		<i>FOT</i> Foot (0,3048 m)		
		<i>FTQ</i> Cubic foot		
		<i>GRM</i> Gram		
		<i>INH</i> Inch (25,4 mm)		
		<i>KGM</i> Kilogram		
		<i>KJO</i> Kilojoule		
		<i>KTM</i> Kilometre		
		<i>LTR</i> Litre (1 dm ³)		
		<i>MLT</i> Millilitre		
		<i>MMK</i> Square millimetre		
		<i>MMT</i> Millimetre		
		<i>MTK</i> Square metre		
		<i>MTQ</i> Cubic metre		
		<i>MTR</i> Metre		
		<i>ONZ</i> Ounce GB, US (28,349523 g)		
		<i>PCE</i> Piece		
		<i>PND</i> Pound (EAN Code)		
		<i>PR</i> Pair (EAN Code)		
		<i>ST</i> Sheet		
5213		SUB-LINE PRICE CHANGE, CODED	C an..3	X

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Segment: **CUX** Currencies
 Position: 1400
 Group: SG16-SG33-SG37
 Level: 4
 Usage: Conditional (Optional)
 Max Use: 1
 Purpose: A segment identifying the currency in which the price is expressed.

Data Element Summary					
Data Element	Component Element	Name	Base Attributes	User Attributes	
C504		CURRENCY DETAILS	C	R	
	6347	Currency details qualifier	M an..3	M	
		2 <i>Reference currency</i>			
	6345	Currency, coded	C an..3	R	
	Applicable ISO 3 digit currency codes are used here. The codes listed below are examples only and not the complete list.				
		<i>AUD</i>	<i>Australian Dollar</i>		
		<i>EUR</i>	<i>European Euro (EAN Code)</i>		
		<i>FRF</i>	<i>French Franc</i>		
		<i>GBP</i>	<i>Great British Pound Sterling</i>		
		<i>GRD</i>	<i>Greek Drachma</i>		
	<i>JPY</i>	<i>Japanese Yen</i>			
	<i>NZD</i>	<i>New Zealand Dollar</i>			
	<i>SGD</i>	<i>Singapore Dollar</i>			
	<i>USD</i>	<i>US Dollar</i>			
	6343	Currency qualifier	C an..3	R	
		8 <i>Price list currency</i>			
	6348	Currency rate base	C n..4	X	
C504		CURRENCY DETAILS	C	X	
	6347	Currency details qualifier	M an..3	X	
	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 between the reference and the target currency.					
6341		CURRENCY MARKET EXCHANGE, CODED	C an..3	X	

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Segment: **APR** Additional Price Information
Position: 1410
Group: SG16-SG33-SG37
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify additional pricing information related to the class or type of trade and additionally identifying the reason for any change.
Notes: This segment is used to optionally express the reason for a price change.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4043		CLASS OF TRADE, CODED	C an..3	X
C138		PRICE MULTIPLIER INFORMATION	C	X
	5394	Price multiplier	M n..12	X
	5393	Price multiplier qualifier	C an..3	X
C960		REASON FOR CHANGE	C	R
	4295	Change reason, coded	C an..3	R
		<i>JL Job lot</i>		
		<i>NI New item</i>		
		<i>PI Price increase</i>		
		<i>PR Price reduction</i>		
		<i>QB Quantity buy</i>		
		<i>SC Size difference</i>		
		<i>TPR Temporary price reduction</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	R
		<i>60 Assigned by national trade agency</i>		
	4294	Change reason	C an..35	X

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Segment: **RNG** Range Details
Position: 1420
Group: SG16-SG33-SG37
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment to identify a quantity or an amount range to which the price information applies.
Notes: Segment Notes.

This segment is used for price quantity breaks.

Dependency note: One or both price quantity minimum/maximums must be shown if this segment is used.

Example:

RNG+6+EA:100:200' (Price specified in previous PRI only applies to a minimum quantity of 100 line items and a maximum of 200 line items.)

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
6167		RANGE TYPE QUALIFIER	M an..3	M
		6 Order quantity range		
C280	6411	RANGE Measure unit qualifier	C M an..3	R M
		CMK Square centimetre		
		CMQ Cubic centimetre		
		CMT Centimetre		
		DMT Decimetre		
		DZN Dozen		
		EA Each		
		FOT Foot (0,3048 m)		
		FTQ Cubic foot		
		GLI Gallon (4,546092 dm3)		
		GM Gram per square metre		
		GRM Gram		
		INH Inch (25,4 mm)		
		KGM Kilogram		
		KTM Kilometre		
		LTR Litre (1 dm3)		
		MGM Milligram		
		MLT Millilitre		
		MMK Square millimetre		
		MMT Millimetre		
		MTK Square metre		
		MTQ Cubic metre		
		MTR Metre		
		ONZ Ounce GB, US (28,349523 g)		
		PI Percent		
		PCE Piece		
		PND Pound (EAN Code)		
		PR Pair (EAN Code)		
		ST Sheet		
	6162	Range minimum	C n..18	D
		Minimum quantity to be purchased to receive price.		

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	Format n..15 (12.3)			
6152	Range maximum	C	n..18	D
	Maximum quantity to be purchased to receive price.			
	Format n..15 (12.3)			

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Segment: **DTM** Date/Time/Period
Position: 1430
Group: SG16-SG33-SG37
Level: 4
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment to identify the date/time/period information related to the price information, e.g. period of validity.
Notes: Segment Notes.

This segment is used to identify specific dates and times associated with pricing information.

Example :

DTM+194:20010721:102' (Start date is 21st July 2001).

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
		194 <i>Start date/time</i>		
		206 <i>End date/time</i>		
	2380	Date/time/period	C an..35	R
	2379	Date/time/period format qualifier	C an..3	R
		102 <i>CCYYMMDD</i>		

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Segment: **LOC** Place/Location Identification
 Position: 1435
 Group: SG16-SG33-SG37
 Level: 4
 Usage: Optional (Optional)
 Max Use: 99
 Purpose: To identify a country/place/location/related location one/related location two.
 Notes: Used to specify locations specific to the price.

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
3227		PLACE/LOCATION QUALIFIER	M an..3	M
		8 <i>Place of destination</i>		
		162 <i>Place or location of sale</i>		
		<i>Target market area.</i>		
C517		LOCATION IDENTIFICATION	C	D
		Dependency Note: Must be used when DE 3227 = 8.		
	3225	Place/location identification	C an..25	R
		GLN of customer or other location identifier.		
	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 supplier or supplier'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	O
	3223	Related place/location one identification	C an..25	R
		ACT <i>Australian Capital Territory</i>		
		FNQ <i>Far North Queensland</i>		
		NAT <i>National</i>		
		NSW <i>New South Wales</i>		
		NT <i>Northern Territory</i>		
		QLD <i>Queensland</i>		
		SA <i>South Australia</i>		
		TAS <i>Tasmania</i>		
		VIC <i>Victoria</i>		
		WA <i>Western Australia</i>		
		WAC <i>Western Australia Country</i>		
		WAM <i>Western Australia Metro</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		ZZZ <i>Mutually defined</i>		
	3222	Related place/location one	C an..70	X
C553		RELATED LOCATION TWO IDENTIFICATION	C	D
		Dependency rule: Must be used if DE 3227 = 7.		
	3233	Related place/location two identification	C an..25	R
		Source of supply - the point of delivery to the customer.		
		CD <i>Cross Dock</i>		
		DC <i>Distribution Centre</i>		
		DTS <i>Direct to Store</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	O
		ZZZ <i>Mutually defined</i>		
	3232	Related place/location two	C an..70	X
5479		RELATION, CODED	C an..3	X

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Group: **ALC** Segment Group 38: Allowance or Charge
Position: 1450
Group: Segment Group 33 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments specifying allowances and charges for the price item line. When relevant, additional information, date information, tax details may be indicated. The basis for the calculation of the allowance/charge may be a quantity, a percentage, an amount or a rate and one of the groups 39-40 should be used accordingly.
Notes: This ALC group specifies specific allowances which come off invoice prices only.
 See note on PRI group which explains how allowances are represented in this message.

Segment Summary

	Pos.	Seg.	Name	Req.	Max.	Group:
	No.	ID		Des.	Use	Repeat
M	1460	ALC	Allowance or Charge	M	1	
	1520		Segment Group 40: Percentage Details	C		1

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Segment: **ALC** Allowance or Charge
Position: 1460 (Trigger Segment)
Group: SG16-SG33-SG38
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance and, where necessary its calculation sequence.
Notes: Segment Notes.

This segment is used to specify any allowances or charges which are applicable to the current line item.

Example: ALC+A++2+1+ACZ:::001'

Ullage allowance, off invoice linked back to price entry 001 for this line item.

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	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	O
		<i>2 Off invoice</i>		
		<i>4 Credit customer account</i>		
		<i>5 Charge to be paid by vendor</i>		
		<i>6 Charge to be paid by customer</i>		
1227		CALCULATION SEQUENCE INDICATOR, CODED	C an..3	R
		<i>1 First step of calculation</i>		
		Applied against the base cost.		
C214		SPECIAL SERVICES IDENTIFICATION	C	R
	7161	Special services, coded	C an..3	R
		Contains specific allowance or charge code. Applied against invoice prices only.		
		<i>ABH Throughput allowance</i>		
		Discount based on reaching of an agreed threshold on the quantity of this product being issued from the warehouse into stores.		
		<i>ABZ Miscellaneous Rebate or Discount</i>		
		<i>ACZ Damaged Merchandise</i>		
		Also known as Ullage Allowance. Discount offered in anticipation of some damage during transport.		
		<i>DAE Distributor discount/allowance</i>		
		Also known as Warehouse Allowance. Discount offered for delivery to the warehouse rather than direct to store.		
		<i>EAB Early payment allowance</i>		
		Also known as Settlement Allowance. An early payment discount.		
		<i>INT Introduction allowance (EAN Code)</i>		
		A discount off the standard price of the product during an introductory period.		
		<i>POS Point of Sale Scans</i>		
		A discount offered based on POS sales quantities.		
		<i>QD Quantity discount</i>		
		A discount offered based on agreed order quantities. There should be a RNG segment used to quote the quantity breaks.		
		<i>TD Trade discount</i>		
		An agreed Trade Discount.		

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	<i>TZ</i>	<i>Temporary allowance</i>		
		A temporary reduction in the price to the trading partner. Applicable for a specified period.		
	<i>VAB</i>	<i>Volume discount</i>		
		A discount offered based on a volume of this item purchased over a specified period.		
1131	Code list qualifier		C an..3	X
3055	Code list responsible agency, coded		C an..3	D
	9	<i>EAN (International Article Numbering association)</i>		
		Dependency note: Only applicable when DE = INT, otherwise not used.		
7160	Special service		C an..35	R
		This data element contains a cross reference to the price occurrence number that this allowance applies to.		
		As the ALC loop is outside of the PRI loop (ie. not nested) a price cross reference is the mechanism used to associate the relevant allowances or discounts to the corresponding price.		
		Eg. if the current ALC segment is to be associated with the price in the 4th occurrence of the PRI segment, then the "Price Cross Reference" in this data element value is "004".		
7160	Special service		C an..35	O
		Identifier of the customer for which BOTH the price and this allowance applies.		

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Group: **PCD** Segment Group 40: Percentage Details
Position: 1520
Group: Segment Group 38 (Allowance or Charge) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments specifying the percentage for the allowance or charge, e.g. The allowance/charge amount is calculated as 5% of the goods value or a price reduction of 5% may be specified if the goods quantity ordered is within the range 5 tons to 10 tons.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1530	PCD	Percentage Details	M	1	

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Segment: **PCD** Percentage Details
Position: 1530 (Trigger Segment)
Group: SG16-SG33-SG38-SG40
Level: 4
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the percentage and the percentage basis for the calculation of the 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>
C501		PERCENTAGE DETAILS	M	M
	5245	Percentage qualifier 3 <i>Allowance or charge</i>	M an..3	M
	5482	Percentage Percentage of allowance or charge provided in the associated ALC segment. Format n..17 (13.4)	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

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Group: **HYN** Segment Group 48: Hierarchy information
Position: 1783
Group: Segment Group 33 (Line Item) Conditional (Required)
Level: 3
Usage: Conditional (Optional)
Max Use: 999
Purpose:

Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1784	HYN	Hierarchy information	M	1	
O	1785	QTY	Quantity	C	1	

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Segment: **HYN** Hierarchy information
Position: 1784 (Trigger Segment)
Group: SG16-SG33-SG48
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify hierarchial connections form a given item to a higher or lower level item

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7173		HIERARCHIAL OBJECT QUALIFIER	M an..3	M
7171		HIERARCHIAL LEVEL, CODED	M an..3	M
1229		ACTION REQUEST/NOTIFICATION, CODED	C an..3	R
		<i>1 Added</i>		
		<i>2 Deleted</i>		
C212		ITEM NUMBER IDENTIFICATION	C	O
	7140	Item number	C an..35	R
		GTIN of the next lower level item.		
	7143	Item number type, coded	C an..3	R
		<i>EN International Article Numbering Association (EAN)</i>		
		<i>UP UPC (Universal product code)</i>		
	1131	Code list qualifier	C an..3	X
	3055	Code list responsible agency, coded	C an..3	X

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Segment: **QTY** Quantity
Position: 1785
Group: SG16-SG33-SG48
Level: 4
Usage: Conditional (Optional)
Max Use: 1
Purpose: To specify a pertinent 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
	6060	Quantity	M n..15	M
		Quantity of next lower level line items within this line item.		
	6411	Measure unit qualifier	C an..3	R

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Segment: **UNT** Message Trailer
Position: 1790
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+51+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. This value includes the UHN and UNT.		
0062		MESSAGE REFERENCE NUMBER	M an..14	M
		The message reference numbered detailed here should equal the one specified in the UNH segment.		