

5.0 Detailed guidelines of purchase order response (ORDRSP Version 1 EDIFACT D 96B) usage within Volvo.

5.1 General.

This document describes Volvo's application of the EDIFACT message for purchase order response (ORDRSP) and its relations to purchase order (ORDERS) and order change (ORDCHG).

The specification offers a detailed description of those data elements which will be used including recommended code listings. Special attention to code listings is needed if transfer and transformation to ANSI X12 is done for the U.S. market. See, Cross listing below at appendix 3.

The basis of the application is the EDIFACT message entitled ORDRSP version D96B issued by UN in September 1996.

The frequency and scope of the ORDRSP message are specific for each company within Volvo.

Relations to other messages:

ORDRSP message has strong relations to the ORDERS message and ORDCHG message. An ORDRSP message must always be related to a previously issued ORDERS or ORDCHG message.

Message usage:

It is important in all communication that buyers and sellers prime references must be given. This to allow automatic processing in the order cycle, without manual intervention. That is also why free form text in a message is not recommended.

Message constraint:

It is important to understand that the message can only be used to confirm previously received ORDERS or ORDCHG messages. An additional facility is that the supplier can suggest substitutions with the message or indicate changes in delivery agreements.

Buyer to Seller	communication is done by using
-	ORDRSP message can not be used from BUYER to SELLER.
Seller to Buyer	communication is done by using
	ORDRSP message for either
	strict confirmation of received ORDERS or ORDCHG message from
	buyer
	confirmation with full ORDERS or ORDCHG message content
	confirmation of ORDERS or ORDCHG message with proposals to
	changes.

5.2 The purpose and the basic function of the message.

The purpose of purchase order response is to respond on the following purchase orders or purchase order changes messages from the buyer.

- Order for parts to a Volvo production or aftermarket facility.
- Order for Tools and tooling..
- Order for Sample parts out of tools.
- Order for Non Automotive Parts(NAP) or Material, Repair and
- Operations (MRO),for goods and services.
- Order for Products from a Volvo manufacturer. (i.e. Vehicle, Engine...)

The message may contain the full information from an purchase order or a purchase order change message.

- Who is the buyer.
- Who is the seller.
- Payment terms
- Delivery conditions.
- Item number or description of goods.
- Quantity of goods.
- Where to deliver (consignee)
- When to deliver (if Stand Alone Order)
- Where to send Invoice.
- Add, delete or change proposals.

5.3 Definitions

5.3.1 Response information

Information about kind of change proposal is shown is indicated in the BGM 1225 code and in the LIN 1229 code.

5.4 Message Content.

5.4.1 Minimum Order Response content.

Header segment:

UNH (heading section)

0062 = number

0065 = ORDRSP

0052 = D

0054 =96B

0051 =UN

0057 =association assigned code

BGM (header section)

1001=220 (Stand Alone)

1004= sequential number

1225=message response indicator

DTM (header section)

2005 =147

2380 =date as CCYYMMDD

2379 =102

NAD (segment group 2).

3035 = BY (buyer)

3039 = Sellers id on Buyer

3055 = 91

NAD (segment group 2).

3035 = SE (seller)

3039 = buyers id on seller

3055 = 92

Detail segment:

LIN(segment group 25)

1082 = unique line number

1229 = message response indicator

7140 = Part/Item number

7143 = IN (buyers item number) or

SA (suppliers item number)

PIA (segment group 25)

4347 = 1 (additional information)

7140 = Part/Item number

7143 = VN (vendor item) or

IN (buyers item)

or (if part number is not known a description is
needed)

LIN(segment group 25)

1082 = unique line number

IMD (segment group 25)

7008 = item description

QTY (segment group 25) (On Contract/Blanket orders

QTY may not be given)

6063 = 21 (Ordered quantity)

6060 =quantity

DTM (segment group 25) (On Contract/Blanket orders delivery date/time may not be given)

2005 =2 (delivery date/time requested)

2380 =date in CCYYMMDD

2379 =102

UNS (summery section)

0081 = S

5.5 Message code constrains and ANSI X12 relations.

5.5.1 Code constrains and ANSI X12 relations.

Code specifications:

- Codes that are to be used for the message are given either
- directly listed in the message
- referred to as a code list known by EDIFACT
- referred to as a Volvo known code list (referenced in message file description as "See appendix 1")
- referred to as a Volvo Company known code list (referenced in message file description as "See Trading partner agreement). (These codes are not found in this documentation.)

ANSI X12 relations:

Applications that are about to send files for conversion to corresponding ANSI X12 (855 or 865) message need to consider below cross listing. See appendix 3.

5.6 File structure.

This is a description of those parts of the EDIFACT message, that VOLVO propose to use in the Volvo implementation of ORDRSP message.

- file structure
- looping structure
- message content
- segment occurrence
- segment examples
- segment explanations

VOLVO application of EDIFACT ORDRSP from versions D 96B

This is a short description of those parts of the EDIFACT message, that VOLVO propose to use.

5.6.1 Structure

Header Section

TAG	NAME	S	REPT	S	REPT	
UNH	Message header	M	1			
BGM	Beginning of message	M	1			
DTM	Date/time/period	M	1			
IMD	Item description	M	1			
FTX	Free text	O	99			
--- Segment Group 1 -----					O	10
RFF	Reference	M	1			
DTM	Date/time/period	O	1			
--- Segment Group 3 -----					M	6
NAD	Name and address	R	2			
LOC	Place/location identification	O	1			
--- Segment Group 6 -----					O	1
CTA	Contact information	M	1			
COM	Communication contact	O	3			
--- Segment Group 8 -----					O	1
CUX	Currencies	M	1			
--- Segment Group 9 -----					O	5
PAT	Payment terms basis	M	1			
PCD	Percentage details	O	1			

-- Segment group 12-----				O	1
TOD	Terms of delivery or transport	M	1		
LOC	Place/location identification	O	1		
--- Segment Group 25 -----				O	100
RCS	Requirements and conditions	M	1		

DETAIL SECTION

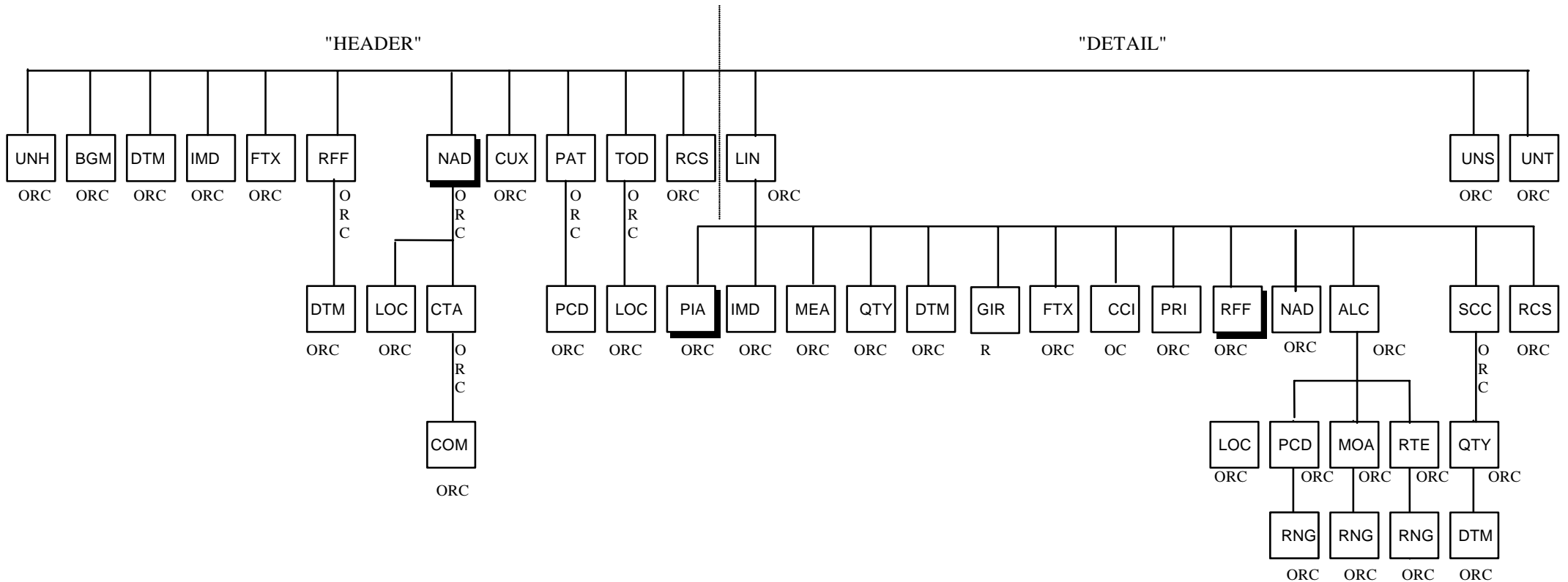
TAG	NAME	S	REPT	S	REPT
Segment Group 26 -----				M	200000
LIN	Line item	M	1		
PIA	Additional product id	O	5		
IMD	Item description	O	99		
MEA	Measurements	O	4		
QTY	Quantity	O	10		
DTM	Date/time/period	O	10		
GIR	Related Identification numbers	O	5		
FTX	Free text	O	99		
--- Segment Group 30 -----				O	5
PRI	Price details	M	1		
DTM	Date/time/period	O	5		
--- Segment Group 31 -----				O	10
RFF	Reference	M	1		
--- Segment Group 37 -----				O	2
NAD	Name and address	M	1		
LOC	Place/location identification	O	1		
--- Segment Group 41 -----				O	15
ALC	Allowance or charge	M	1		
--- Segment Group 43 -----				O	5
PCD	Percentage details	M	1		
RNG	Range details	O	1		
--- Segment Group 44 -----				O	5
MOA	Monetary amount	M	1		
RNG	Range details	O	1		
--- Segment Group 45 -----				O	5
RTE	Rate detail	M	1		
RNG	Range details	O	1		

--- Segment Group 51				O	100
SCC	Scheduling conditions	M	1		
--- Segment Group 52 -----				M	10
QTY	Quantity	M	1		
DTM	Date/time/period	O	10		
--- Segment Group 53 -----				O	100
RCS	Requirements and conditions	M	1		

SUMMARY SECTION

TAG	NAME	S	REPT	S	REPT
UNS	Section control	M	1		
UNT	Message trailer	M	1		

5.6.2 File structure header section



Initial and closing service segments are not shown in the figure below. They are described in the Volvo specification in ISO/EDIFACT and OFTP.

- O = Structure for Order message
- C = Structure for Order change
- R = Structure for Order Response

5.6.3 Segment descriptions

These are the groups and segments which will be used by Volvo.

Heading section

UNH MESSAGE HEADER **M 1**

Service segment used by the sender to head, identify and specify a message uniquely.

0062 **MESSAGE REFERENCE NUMBER** **M an..14**
Comment: Senders reference number

S009 **MESSAGE IDENTIFIER** **M**

0065 Message type identifier **M an..6**
Value: ORDRSP

0052 Message type version number **M an..3**
Value: D

0054 Message type release number **M an..3**
Value: 96B

0051 Controlling agency **M an..2**
Value: UN

0057 Association assigned code **R an..6**
Value: A23030

0068 **COMMON ACCESS REFERENCE** **N**

S010 **STATUS OF THE TRANSFER** **N**

Example: UNH+1+ORDRSP:D:96B:UN:A23030'

BGM	BEGINNING OF MESSAGE	M 1
	To return an answer and to indicate an action on a ORDERS or ORDCHG.	
C002	DOCUMENT/MESSAGE NAME	R
1001	Document/message name, coded <i>Value:</i> 220 Order (Stand Alone order) 221 Order (Blanket and Contract order)	R an..3
1131	Code list qualifier	N
3055	Code list responsible agency, coded	N
1000	Document/message name	N
C106	DOCUMENT/MESSAGE NUMBER	R
1004	Order number-amendment Comment: Shall correspond to ORDERS or ORDCHG message.	R an..35
1225	MESSAGE FUNCTION, CODED	M an..3
	The purpose of the message. <i>Value :</i> 1 Cancellation. That is confirming ORDCHG cancellation. 4 Change, both Header and Detail 10 Not found (have received ORDCHG message where no initial Order exist). 12 Not processed 27 Not Accepted 28 Accepted with amendment in Heading section. 29 Accepted without amendment 30 Accepted with amendments Detail section 33 Change in Header 34 Accepted with amendment in both Heading and Detail section. 36 Change in Detail	
4343	RESPONSE TYPE, CODED	N
Example:	BGM+220+123456+29' (Illustration of a response without amendment)	

DTM DATE/TIME/PERIOD**M 1**

time. To specify message date/time, i.e. the Purchase Order date, optionally,

C507 DATE/TIME/PERIOD**M**

2005 Date/time/period qualifier

M an..3

Value: 137 Document/message date/time

2380 Date/time/period

R an..35

Date given in the format depending on 2380

2379 Date/time/period format qualifier

R an..3

Value: 102 CCYYMMDD

204 CCYYMMDDHHMM

Example: DTM+137:19971010:102'

DTM+137:19971010120335:204'

IMD	ITEM DESCRIPTION	O 1
	To indicate requisition type.	
7077	ITEM DESCRIPTION TYPE, CODED	N
7081	ITEM CHARACTERISTIC, CODED	N
C273	ITEM DESCRIPTION	R
7009	Item description identification <i>Value:</i> CO / PR Contract Order, Production material BL / PR Blanket Order, Production material QU / PR Quantity Order, Production material SA / PR Stand Alone Order, Production material SA / PP Stand Alone Order, Pre production material SA / RW Stand Alone Order, Rework of production material SA / ST Stand Alone Order, Tooling SA / SM Stand Alone Order, Sample material SA / NAP Stand Alone Order, Non-Automotive Parts (NAP) or MRO (Material, repair and operation).	R an..17
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by Buyer or Buyer's agent	R an..3
7008	Item description	N
7008	Item description	N
3453	Language, coded	N
7383	SURFACE/LAYER INDICATOR, CODED	N

Example: IMD+++CO/PR::92'

FTX FREE TEXT		O 99
	To provide free form or coded text information. Free text should be avoided where possible since this will inhibit automatic processing.	
4451	TEXT SUBJECT QUALIFIER	M an..3
	<i>Value:</i> PUR Purchasing information PKG Packaging information QQD Quality information AAJ Additional conditions of sales/purchase	
4453	TEXT FUNCTION, CODED	N
C107	TEXT REFERENCE	O
4441	Free text identification	R an..17
	The code may have to be read in conjunction with the buyer's NAD segment in order to uniquely identify the code. See Trading Partner Agreement.	
1131	Code list qualifier	N
3055	Code list responsible agency, coded	O an..3
	<i>Value:</i> 92 Assigned by Buyer or Buyer's agent	
C108	TEXT LITERAL	O
4440	Free text	M an..70
4440	Free text	O an..70
4440	Free text	O an..70
4440	Free text	O an..70
4440	Free text	O an..70
3453	LANGUAGE, CODED	N
Example:	FTX+PUR++1::92+NOTE, SILICON NOT ALLOWED TO BE USED'	

Segment group 1		O10
RFF REFERENCE		M 1
	To specify a reference number.	
C506	REFERENCE	M
1153	Reference qualifier <i>Value:</i> CR Customer reference number Reference to internal order at buyer CO Customer Order number (to be referenced in all communication with customer) VN Vendor Order number (reference to the sellers order number PS Purchase order number suffix Reference to be used in the invoice PP Purchase order Change number Reference to Purchase order amendment number CT Contract number Reference to the commercial contract FC Tax number ON Order number	M an..3
1154	Reference number The reference number classified by 1153.	R an..35
1156	Line number	N
4000	Reference version number	N
Example:	RFF+CR:005123456' RFF+FC:SE556013970000'	

RFF.DTM DATE/TIME/PERIOD **O 1**

To specify date, and/or time, when needed to uniquely identify the reference.

C507 **DATE/TIME/PERIOD** **M**

2005 Date/time/period qualifier **M an..3**
Value: 171 Reference date/time

2380 Date/time/period **R an..35**
Date given in the format CCYYMMDD

2379 Date/time/period format qualifier **R an..3**
Value: 102 CCYYMMDD

Example: DTM+171:19971010:102'

Segment group 3		M 6
NAD NAME AND ADDRESS		R 1
	To identify the buyer in coded form.	
3035	PARTY QUALIFIER	M an..3
	<i>Value:</i> BY Buyer	
C082	PARTY IDENTIFICATION DETAILS	R
3039	Party id identification Sellers identification on the Buyer. See Trading Partner Agreement.	M an..35
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 91 Assigned by Seller or Seller's agent	R an..3
C058	NAME AND ADDRESS Address of Buyer	R
3124	Name and address line	M an..35
3124	Name and address line <i>Condition:</i> when more than one line is needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 2 lines are needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 3 lines are needed.	D an..35
C080	PARTY NAME Name of Buyer	O
3036	Party name	M an..35
3036	Party name	N
3036	Party name	N
3036	Party name	N
3036	Party name	N
3045	Party name format, coded	N

C059	STREET	N
3164	CITY NAME	N
3229	COUNTRY SUB-ENTITY IDENTIFICATION	N
3251	POST CODE IDENTIFICATION	N
3207	COUNTRY, CODED	O an 3

Country of Invoicee, coded
Use ISO 3166 two alpha country code, e.g.
NL The Netherlands

Example: NAD+BY+94409::91++VOLVO CAR
CORPORATION'

13-NAD.RFF REFERENCE	D
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To specify a reference number.

Condition:
Mandatory for deliveries within the EU.

C506	REFERENCE	M
1153	Reference qualifier <i>Value:</i> VA = VAT Registration Number	M an..3
1154 (an..35)	Reference number The reference number classified by 1153.	R an..17
1156	Line number	N
4000	Reference version number	N

Example: RFF+VA:SE556214166201'

Segment group 6		O 1
NAD.CTA CONTACT INFORMATION		M 1
	Gives information about and identifies the purchaser.	
3139 CONTACT FUNCTION, CODED		R an..3
	<i>Value:</i> IC Information contact	
C056 DEPARTMENT OR EMPLOYEE DETAILS		R
3413	Department or employee identification	N
3412	Department or employee	R an..35
	Either the name or the code of the purchaser at Volvo must be given.	
Example:	CTA+IC+:LEIF EDSTROM' NAD.CTA.COM COMMUNICATION CONTACT	O 3
	Seller's communication contact information about the purchaser.	
C076 COMMUNICATION CONTACT		M
3148	Communication number A phone(including extension), Fax number, e-mail	M an..25
3155	Communication channel qualifier <i>Value:</i> TE Telephone FX Telefax EM Electronic Mail	M an..3
Example:	COM+031593265:TE'	

Segment group 3 loop		additional
NAD NAME AND ADDRESS		R 1
	Buyer's information about the Seller.	
3035	PARTY QUALIFIER <i>Value:</i> SE Seller	M an..3
C082	PARTY IDENTIFICATION DETAILS	R
3039	Party id identification Buyer's code on the Seller. See Trading Partner Agreement.	M an..35
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by Buyer or Buyer's agent	R an..3
C058	NAME AND ADDRESS Address of Buyer	R
3124	Name and address line	M an..35
3124	Name and address line <i>Condition:</i> when more than one line is needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 2 lines are needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 3 lines are needed.	D an..35
C080	PARTY NAME	N
C059	STREET	N
3164	CITY NAME	N
3229	COUNTRY SUB-ENTITY IDENTIFICATION	N
3251	POST CODE IDENTIFICATION	N

3207 COUNTRY, CODED O an 3

Country of Invoicee, coded
Use ISO 3166 two alpha country code, e.g.
NL The Netherlands

Example: NAD+SE+8002::92'

13-NAD.RFF REFERENCE D

To specify a reference number.

Condition:

Mandatory for deliveries within the EU.

C506 REFERENCE M

1153 Reference qualifier M an..3
Value: VA = VAT Registration Number

1154 Reference number R an..17
(an..35)

The reference number classified by 1153.

1156 Line number N
4000 Reference version number N

Example: RFF+VA:SE556214166201'

Segment group 6		O 1
NAD.CTA CONTACT INFORMATION		1
	Buyer's contact information about the Seller.	
3139	CONTACT FUNCTION, CODED	R an..3
	<i>Value:</i> IC Information contact	
C056	DEPARTMENT OR EMPLOYEE DETAILS	R
3413	Department or employee identification	N
3412	Department or employee	R an..35
	Either the name or the code of the seller's contact person must be given.	
Example:	CTA+IC+:BENGT SJOGREN'	

Segment group 3 additional loop

NAD	NAME AND ADDRESS	O 1
	Buyer's information about the Invoicee. <i>Condition:</i> This segment will only be used after separate agreement between partners.	
3035	PARTY QUALIFIER	M an..3
	<i>Value:</i> IV Invoicee	
C082	PARTY IDENTIFICATION DETAILS	R
3039	Party id identification Volvo's identification of Invoicee. See Trading Partner Agreement.	M an..35
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by Buyer or Buyer's agent	R an..3
C058	NAME AND ADDRESS Address of Buyer	R
3124	Name and address line	M an..35
3124	Name and address line <i>Condition:</i> when more than one line is needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 2 lines are needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 3 lines are needed.	D an..35
C080	PARTY NAME Name of Invoicee	O
3036	Party name	M an..35
3036	Party name	N
3036	Party name	N

3036	Party name	N
3036	Party name	N
3045	Party name format, coded	N

C059	STREET	O
	Address of Invoicee	
3042	Street and number/P.O. Box M an..35	
3042	Street and number/P.O. Box O an..35	
3042	Street and number/P.O. Box O an..35	
3164 35)	CITY NAME	O an..30 (an..
	City of Invoicee	
3229 9)	COUNTRY SUB-ENTITY IDENTIFICATION	O an..2 (an..
	State of Invoicee (North Carolina = NC)	
3251	POST CODE IDENTIFICATION	O an..9
	Post code of Invoicee	
3207	COUNTRY, CODED	O an..3
	Country of Invoicee, coded Use ISO 3166 two alpha country code, e.g. NL The Netherlands	
Example:	NAD+IV+1003::92++VOLVO CAR CORPORATION, SUPPORT++ GOTEBORG++405 08+SE' (Illustration of address in Goteborg) NAD+IV+4388::92++VOLVO GM HEAVY TRUCK CORPORATION +PO BOX 1126+DUBLIN+VA+24084+US'	

Segment group 3 additional loop

NAD	NAME AND ADDRESS	O 1
	Buyer's information about the Delivery Party, e.g. where goods are regrouped, not stored.	
3035	PARTY QUALIFIER	M an..3
	<i>Value:</i> DP Delivery Party	
C082	PARTY IDENTIFICATION DETAILS	D
	Either C082 or C080 must be used.	
3039	Party id identification Volvo's information about delivery party. See Trading Partner Agreement.	R an..35
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by Buyer or Buyer's agent	R an..3
C058	NAME AND ADDRESS Address of Buyer	R
3124	Name and address line	M an..35
3124	Name and address line <i>Condition:</i> when more than one line is needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 2 lines are needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 3 lines are needed.	D an..35
C080	PARTY NAME Name of Delivery Party Either C082 or C080 must be used.	D
3036	Party name	M an..35

3036	Party name	N
3036	Party name	N
3036	Party name	N
3036	Party name	N
3045	Party name format, coded	N

C059	STREET	O
	Address of Delivery Party	
3042	Street and number/P.O. Box	M an..35
3042	Street and number/P.O. Box	O an..35
3042	Street and number/P.O. Box	O an..35
3164 35)	CITY NAME	O an..30 (an..
	City of Delivery Party	
3229 9)	COUNTRY SUB-ENTITY IDENTIFICATION	O an.. 2 (an..
	State of Delivery Party	
3251	POST CODE IDENTIFICATION	O an..9
	Post code of Delivery Party	
3207	COUNTRY, CODED	O an..3
	Country of Delivery Party, coded Use ISO 3166 two alpha country code, e.g. NL The Netherlands	
Example:	NAD+DP+1111::92++SCHENKER +BAHNHOFSTRASSE 18+KIEL++D3697+DE'	

Segment group 3 additional loop **O 1**

NAD NAME AND ADDRESS **O 1**

Buyer's information about the Consignee

Condition:

This segment will only be used when there is only one consignee in the order and when it is different from the buyer. If more than one (different from each other), use the NAD segment in the detail section instead.

3035 PARTY QUALIFIER **M an..3**

Value: CN Consignee

C082 PARTY IDENTIFICATION DETAILS **D**

Either C082 or C080 must be used.

3039 Party id identification **M an..35**
Volvo's identification on the Consignee.
See Trading Partner Agreement.

1131 Code list qualifier **N**

3055 Code list responsible agency, coded **R an..3**
Value: 92 Assigned by Buyer or Buyer's agent

C058 NAME AND ADDRESS **R**
Address of Buyer

3124 Name and address line **M an..35**

3124 Name and address line **D an..35**
Condition:
when more than one line is needed.

3124 Name and address line **D an..35**
Condition:
when more than 2 lines are needed.

3124 Name and address line **D an..35**
Condition:
when more than 3 lines are needed.

C080 PARTY NAME **D**

Name of Consignee

Either C082 or C080 must be used.

3036	Party name	M an..35
3036	Party name	N
3036	Party name	N
3036	Party name	N
3036	Party name	N
3045	Party name format, coded	N

C059	STREET	O
	Address of Consignee	
3042	Street and number/P.O. Box	M an..35
3042	Street and number/P.O. Box	O an..35
3042	Street and number/P.O. Box	O an..35
3164	CITY NAME	O an..30(an..
35)		
	City name of Consignee	
3229	COUNTRY SUB-ENTITY IDENTIFICATION	O an..2(an.. 9)
	State of Consignee	
3251	POST CODE IDENTIFICATION	O an..9
	Post code of Consignee	
3207	COUNTRY, CODED	O an..3
	Country of Consignee, coded	
	Use ISO 3166 two alpha country code, e.g.	
	NL The Netherlands	
Example:	NAD+CN+1003::92++VOLVO CAR CORPORATION, SUPPORT++ GOTEBORG++405 08+SE' NAD+CN+4388::92++VOLVO GM HEAVY TRUCK CORPORATION + HIGHWAY 643+DUBLIN+VA+24084+US'	

NAD.LOC PLACE/LOCATION IDENTIFICATION O 1

Optionally to be used to indicate further a delivery location, sub-location or specific point within the organization identified in NAD.

3227 PLACE/LOCATION QUALIFIER M an..3

Value: 7 Delivery location

C517 LOCATION IDENTIFICATION R

3225 Place/location identification N

1131 Code list qualifier N

3055 Code list responsible agency, coded N

3224 Place/location M an..17

C519 RELATED LOCATION ONE IDENTIFICATION N**C553 RELATED LOCATION TWO IDENTIFICATION N****5479 RELATION, CODED N**

Example: LOC+7+:::TORSLANDA dock B'
LOC+7+:::Dept 26439 AB1'
(Illustration of internal geographical location within Consignee)

Segment group 3 additional loop		O
NAD NAME AND ADDRESS		M 1
	Buyer's information about the Ultimate Consignee <i>Condition:</i> This segment will only be used when the material user is different from consignee.	
3035	PARTY QUALIFIER	M an..3
	<i>Value:</i> UC Ultimate consignee	
C082	PARTY IDENTIFICATION DETAILS	D
	Either C082 or C080 must be used.	
3039	Party identification Volvo's information about Material User. See Trading Partner Agreement.	M an..35
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by Buyer or Buyer's agent	R an..3
C058	NAME AND ADDRESS Address of Buyer	R
3124	Name and address line	M an..35
3124	Name and address line <i>Condition:</i> when more than one line is needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 2 lines are needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 3 lines are needed.	D an..35
C080	PARTY NAME	D
	Name of Material User Either C082 or C080 must be used.	

3036	Party name	M an..35
3036	Party name	N
3036	Party name	N
3036	Party name	N
3036	Party name	N
3045	Party name format, coded	N

C059	STREET	N
3164	CITY NAME	N
3229	COUNTRY SUB-ENTITY IDENTIFICATION	N
3251	POST CODE IDENTIFICATION	N
3207	COUNTRY, CODED	O an 3

Country of Invoicee, coded
Use ISO 3166 two alpha country code, e.g.
NL The Netherlands

Example: NAD+UC+9876::92++SUNNE CAR DEALER LTD'

Segment group 8		O 1
CUX CURRENCIES		M 1
	To specify currencies used in the transaction and relevant details for the rate of exchange.	
C504	CURRENCY DETAILS	R
6347	Currency details qualifier <i>Value:</i> 2 Reference currency	M an..3
6345	Currency, coded ISO 4217 three alpha code	R an..3
6343	Currency qualifier <i>Value:</i> 9 Order currency	R an..3
6348	Currency rate base	N
C504	CURRENCY DETAILS	O
6347	Currency details qualifier <i>Value:</i> 3 Target currency	O an..3
6345	Currency, coded ISO 4217 three alpha code	O an..3
6343	Currency qualifier <i>Value:</i> 4 Invoice currency	O an..3
6348	Currency rate base	N
5402	RATE OF EXCHANGE	O an..12
6341	CURRENCY MARKET EXCHANGE, CODED	N

Example: CUX+2:SEK:9'
CUX+2:SEK:9+3:DEM:4+4.25'

Segment group 9		O5
PAT PAYMENT TERMS BASIS		M 1
	To specify the payment terms basis.	
4279	PAYMENT TERMS TYPE QUALIFIER	M an..3
	<i>Value:</i> 1 Basic 5 Discount not applicable 7 Extended 8 Discount 18 Previously agreed upon 20 Penalty terms 21 Payment by instalment	
C110	PAYMENT TERMS	O
4277	Terms of payment identification The code may have to be read in conjunction with the buyer's NAD segment in order to uniquely identify the code. Either 4277 or 4276 must be used if C110 is used. See Trading Partner Agreement.	D an..17
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by Buyer or Buyer's agent	R an..3
4276	Terms of payment Either 4277 or 4276 must be used if C110 is used.	D an..35
4276	Terms of payment	O an..35

C112	TERMS/TIME INFORMATION	O
2475	Payment time reference, coded <i>Value:</i> 5 Date of invoice 29 Date of delivery of goods to establishments /domicile/site	M an..3
2009	Time relation, coded	N
2151	Type of period, coded	N
2152	Number of periods	N
Example:	PAT+1+30::92' (Illustration to "30 day net" code within Volvo Truck Corporation)	

PAT.PCD	PERCENTAGE DETAILS	O 1
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To specify payment discount and penalty charges.

C501	PERCENTAGE DETAILS	M
5245	Percentage qualifier <i>Value:</i> 12 Discount (percentage, for discount terms) 15 Penalty (percentage, for penalty terms)	M an..3
5482	Percentage The number of percentage without plus or minus sign.	R n..8
5249	Percentage basis, coded	N
1131	Code list qualifier	N
3055	Code list responsible agency, coded	N

Example: PCD+12:5'

Segment group 12		O 1
TOD TERMS OF DELIVERY OR TRANSPORT		M 1
	To specify terms of delivery or transport.	
4055	TERMS OF DELIVERY OR TRANSPORT FUNCTION, CODED	R an..3
	<i>Value:</i> 6 Delivery condition	
4215	TRANSPORT CHARGES METHOD OF PAYMENT, CODED	N
C100	TERMS OF DELIVERY OR TRANSPORT	R
4053	Terms of delivery or transport, coded Inco terms Use UN/ECE Recommendation No. 5 Incoterms 1990	R an..3
1131	Code list qualifier	N
3055	Code list responsible agency, coded	N
4052	Terms of delivery or transport	N
4052	Terms of delivery or transport	N
Example:	TOD+6++FCA' TOD+6++XWK'	

TOD.LOC PLACE/LOCATION IDENTIFICATION	O 1
To identify a country/place/location related to the inco terms defined in the preceding TOD segment.	
3227 PLACE/LOCATION QUALIFIER	M an..3
<i>Value:</i> 1 Place of delivery	
C517 LOCATION IDENTIFICATION	R
3225 Place/location identification	D an.. 17
1131 Code list qualifier	N
3055 Code list responsible agency, coded <i>Value:</i> 6UN/ECE Must be used if 3225 is used.	D an.. 3
3224 Place/location Name of location	D an..17
C519 RELATED LOCATION ONE IDENTIFICATION	N
C553 RELATED LOCATION TWO IDENTIFICATION	N
5479 RELATION, CODED	N

Example: LOC+1+:::YOKOHAMA'

Segment group 25		O100
RCS REQUIREMENTS AND CONDITIONS		M 1
	To specify sector/subject requirements and conditions.	
7293	SECTOR/SUBJECT IDENTIFICATION QUALIFIER	M an..3
	<i>Value:</i> 5 Automotive Industry	
C550	REQUIREMENT/CONDITION IDENTIFICATION	O
7295	Requirement/condition identification The code may have to be read in conjunction with the buyer's NAD segment in order to uniquely identify the code. See Trading Partner Agreement.	M an..17
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by Buyer or Buyers agent. Must be used if 7295 is used.	D an..3
7294	Requirement or condition	O an..35
1229	ACTION REQUEST/NOTIFICATION, CODED	N
Example:	RCS+5+554::92' RCS+5+:::NOT TO BE EXPORTED TO THIRD COUNTRY'	

Detail Section**Segment group 26****M 200000****LIN LINE ITEM****M 1**

To identify a line item and configuration. To each item corresponding to an occurrence of Group 25, a line item number is required. The message can also handle multiple consignees within same order, or multiple consignees for same LIN 7140, by repeating LIN and give other NAD consignee. NOTE: Limitation is that all NAD given in the detailed section must have the same NAD Invoicee in Header section.

1082**LINE ITEM NUMBER****O n..6**

Item number/position.

Note:

Should be a sequential number. If there is a real order line number this should be referred to in a

RFF 1153 (=ON) using RFF 1156 as line number on order.

Note:

If line item is not used then the consignee must be considered, for uniqueness.

1229**ACTION REQUEST/NOTIFICATION, CODED****O an..3**

Value : 1 Added
3 Changed
4 No Action
5 Accepted without amendments
7 Not accepted
10 Not found

Line reference incorrect

C212	ITEM NUMBER IDENTIFICATION	O
7140	Item number Volvo's article number	R an..35
7143	Item number type, coded <i>Value:</i> IN number	R an..3 Buyer's item
1131	Code list qualifier	N
3055	Code list responsible agency, coded	N
C829	SUB-LINE INFORMATION	N
1222	CONFIGURATION LEVEL <i>Value:</i> 1 (Sub lime level. Note: If used, only value of 1 is allowed.)	O n..2
7083	CONFIGURATION, CODED	N
Example:	LIN+1+3+12345678:IN' LIN+1+3+12345678:IN+1' (example of sub line usage)	

LIN.PIA	ADDITIONAL PRODUCT ID	O 5
	To specify additional or substitution item identification codes (buyer's or seller's). The code values shown below do not necessarily have to come in the presented order.	
4347	PRODUCT ID FUNCTION QUALIFIER	M an..3
	<i>Value:</i> 1 Additional identification	
C212	ITEM NUMBER IDENTIFICATION	M
7140	Item number Article number	C an..35
7143	Item number type, coded <i>Value:</i> VN Vendor article number	C an..3
1131	Code list qualifier	N
3055	Code list responsible agency, coded	N
C212	ITEM NUMBER IDENTIFICATION	O
7140	Item number Part Issue	D an..35
7143	Item number type, coded <i>Value:</i> ZZ1 Part issue Comment: See trading partner agreement, PIA7143 code list	D an..3
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by buyer or buyer's agent	D an..3

C212	ITEM NUMBER IDENTIFICATION	O
7140	Item number	D an..35
7143	Item number type, coded <i>Value:</i> DW Drawing	D an..3
1131	Code list qualifier	N
3055	Code list responsible agency, coded	N
C212	ITEM NUMBER IDENTIFICATION	O
7140	Item number	D an..35
7143	Item number type, coded <i>Value:</i> ZZ2 Item to be refurbished Comment: See trading partner agreement, PIA7143 code list	D an..3
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by buyer or buyers agent	D an..3
C212	ITEM NUMBER IDENTIFICATION	O
7140	Item number	D an..35
7143	Item number type, coded <i>Value:</i> DR Drawing revision number	D an..3
1131	Code list qualifier	N
3055	Code list responsible agency, coded	N
Example:	PIA+1+A322011V3:VN+E123456:??' PIA+1+E 123 456:SA'	

LIN.PIA ADDITIONAL PRODUCT ID

To specify additional or substitution item identification codes.

4347 PRODUCT ID FUNCTION QUALIFIER M an..3

Value: 1 Additional identification

C212 ITEM NUMBER IDENTIFICATION O

7140 Item number D an..35
Article number

7143 Item number type, coded D an..3
Value: MF Manufacturer's Article Number

1131 Code list qualifier N

3055 Code list responsible agency, coded N

C212 ITEM NUMBER IDENTIFICATION O

7140 Item number D an..35
Article description

7143 Item number type, coded D an..3
Value: PD Part Description

1131 Code list qualifier N

3055 Code list responsible agency, coded N

Example: PIA+1+32MM457:MF+SCREW M5:PD'

LIN. IMD ITEM DESCRIPTIO**O 99**

To further describe an item in either an industry or free format. If no item number exists in the LIN segment, this segment must be used to uniquely identify the item.

7077 ITEM DESCRIPTION TYPE, CODED**M an.. 3**

Value: F

7081 ITEM CHARACTERISTIC, CODED**N****C273 ITEM DESCRIPTION****O**

7009 Item description identification

N

1131 Code list qualifier

N

3055 Code list responsible agency, coded

N7008 Item description
Article Description**O an..35**7008 Item description
Article Description**O an..35****7383 SURFACE/LAYER INDICATOR, CODED****N**

Example: IMD+F+++:::More detailed description of
goods or service'

LIN.MEA MEASUREMENTS**O 4**

To specify physical measurements of the ordered item, where this is required for full identification of the product, including dimension tolerances, weights and counts. This segment will only be used after special agreement. Any measurements must refer to the product in its unpacked form e.g. thickness of plastic film, length, weight, etc.

6311 MEASUREMENT APPLICATION QUALIFIER M an..3

Value: PD Physical dimensions (physical attributes)

C502 MEASUREMENT DETAILS R

6313 Measurement dimension, coded R an..3

Value: HT (Height dimension)
LN (Length dimension)
WD (Width dimension)
DI (Diameter of an article)

6321 Measurement significance, coded N

6155 Measurement attribute, coded N

6154 Measurement attribute N

C174 VALUE/RANGE R

6411 Measure unit qualifier M an..3
ISO codes
See appendix 1.

6314 Measurement value R n..18

6162 Range minimum N

6152 Range maximum N

6432 Significant digits N

7383 SURFACE/LAYER INDICATOR, CODED N

Example: MEA+PD+LN+MTR:20'

LIN.QTY QUANTITY O 10

To specify a pertinent quantity. For split or scheduled deliveries specify the quantities through the repetition of groups ????. If split or scheduled deliveries are not used, this segment is required.

C186 QUANTITY DETAILS M

6063 Quantity qualifier M an..3

Value: 21 Ordered quantity
31 Estimated annual volume
99 Estimated quantity

6060 Quantity M n..15
Self explanatory

6411 Measure unit qualifier O an..3
ISO codes, same as in PRI 6411.
See appendix 1.

Example: QTY+21:2:PCE'

71-LIN.ALI ADDITIONAL INFORMATION D 1 (5)

Information of article's country of origin.

Condition:

Mandatory for articles with origin from outside the European union.

3239 Country of origin, coded R a2

Sort code according to ISO standard.
See appendix 4 or ODDC 006.

9213 TYPE OF DUTY REGIME, CODED N

4183 SPECIAL CONDITIONS, CODED N

4183 SPECIAL CONDITIONS, CODED N

4183 SPECIAL CONDITIONS, CODED N

4183 SPECIAL CONDITIONS, CODED N

4183 SPECIAL CONDITIONS, CODED N

Example: ALI+JP'

LIN.DTM DATE/TIME/PERIOD**O 10**

To specify date (and times if required) relevant to the delivery or pick up of goods.

Condition

This segment will only be used when SCC segment is not used.

C507 DATE/TIME/PERIOD**M****2005 Date/time/period qualifier****M an..3**

Value: 2 Delivery date/time, requested
10 Shipment date/time, requested
11 Dispatch date/time
55 Confirmed date/time
61 Cancel if not delivered by this date
63 Delivery date/time, latest
64 Delivery date/time, earliest
69 Delivery date/time, promised for
101 Production date not established as of, date/time.
323 Horizon period (Order coverage time)
324 Production start processing date/time

2380 Date/time/period**R an..35**

Format: See below coding

2379 Date/time/period format qualifier**R an..3**

Value: 102 CCYYMMDD
203 CCYYMMDDHHMM
616 CCYYWW
803 Period of weeks, WW, W = week .

Example: DTM+2:19951011:102'
DTM+2:9644:615'
Illustration of Skip/Delivery week.
DTM+323:12:803'
Illustration of Order Coverage Time.

LIN.GIR RELATED IDENTIFICATION NUMBERS O 5

To specify a related set of identification numbers.

7297 SET IDENTIFICATION QUALIFIER M an..3

Value: 1 Final product

C206 IDENTIFICATION NUMBER M

7402 Identity number M an..35

7405 Identity number qualifier M an..3
Value: CN Chassis number

4405 Status, coded O an..3

C206 IDENTIFICATION NUMBER O

7402 Identity number M an..35

7405 Identity number qualifier C an..3
Value: SN Serial number

4405 Status, coded O an..3

C206 IDENTIFICATION NUMBER O

7402 Identity number M an..35

7405 Identity number qualifier M an..3
Value: EG Engine number

4405 Status, coded O an..3

C206 IDENTIFICATION NUMBER O

7402 Identity number M an..35

7405 Identity number qualifier M an..3
Value: VV Vehicle Version

4405 Status, coded O an..3

C206 IDENTIFICATION NUMBER N

Example: GIR+1+12345678:CN+23456789:SN+3456789:EG'
LIN.FTX FREE TEXT O 99

To provide free form or coded text information. The use of this segment is **not recommended**. When used it is important for the receiver to know in advance if the free text has to be checked before completing the process of the transaction.

4451 TEXT SUBJECT QUALIFIER M an..3

Value: PUR Purchasing information
PKG Packaging information
QQD Quality information
AAJ Additional information

4453 TEXT FUNCTION, CODED N an..3

C107 TEXT REFERENCE O

4441 Free text identification M an..17
The code may have to be read in conjunction with the
buyer's NAD segment in order to uniquely identify the code.
See Trading Partner Agreement.

1131 Code list qualifier N

3055 Code list responsible agency, coded R an..3
Value: 92 Assigned by buyer or buyer's agent

C108 TEXT LITERAL O

4440 Free text M an..70
4440 Free text O an..70
4440 Free text O an..70
4440 Free text O an..70
4440 Free text O an..70

3453 LANGUAGE, CODED N

Example: FTX+PUR++8::92+NOTE, SILICON IS
NOT ALLOWED TO BE USED'

Segment group 30		O5
LIN.PRI PRICE DETAILS		M 1
	To specify price information.	
C509	PRICE INFORMATION	R
5125	Price qualifier <i>Value:</i> AAA calculation net AAB calculation gross(allowances and charges to be applied to the price must be provided in the ALC segment	M an..3
5118	Price Self explanatory (including decimal point)	R n..15
5375	Price type, coded	N
5387	Price type qualifier	N
5284	Unit price basis, 1,10,100,1000.	D n.. 9
6411	Measure unit qualifier ISO codes, See appendix 1.	D an..3
5213	SUB-LINE PRICE CHANGE, CODED	N

Example: PRI+AAB:20.50:1:PCE'

LIN.PRI.DTM DATE/TIME/PERIOD **O 5**

To specify date, and/or time, or period.

C507 **DATE/TIME/PERIOD** **M**

2005 Date/time/period qualifier **M an..3**
Value: 7 Effective date
36 Expire date

2380 Date/time/period **R an..35**
Format: CCYYMMDD

2379 Date/time/period format qualifier **R an..3**
Value: 102 CCYYMMDD

Example: DTM+7:19940516:102'

Segment group 31 **O 10**

LIN.RFF REFERENCE **M**

To specify a reference. This segment may be used to allocate a unique reference number to this line in this order.

C506 REFERENCE **M**

1153 Reference qualifier **M an..3**
Value: AEG Customer specification number

1154 Reference number **R an..35**
Technical document reference

1156 Line number **N**

4000 Reference version number **N**

Example: RFF+AEG:005123456'

LIN.RFF REFERENCE **O 1**

To specify a reference. only one of those variants below can be used.

C506 REFERENCE **M**

1153 Reference qualifier **M an..3**
Value: AEP Project number

1154 Reference number **R an..35**
Project number

1156 Line number **N**

4000 Reference version number **N**

Example: RFF+AEP:005123456'

LIN.RFF REFERENCE O 1

To specify a reference.

C506 REFERENCE M

1153 Reference qualifier M an..3
Value: ABU Produced item

1154 Reference number R an..35
Item related to a tool

1156 Line number N

4000 Reference version number N

Example: RFF+ABU:005123456'

LIN.RFF REFERENCE O 1

To specify a reference.

C506 REFERENCE M

1153 Reference qualifier M an..3
Value: ON Order number

1154 Reference number N

1156 Line number M an..6
Value: Line number on order

4000 Reference version number N

Example: RFF+ON::1'
Illustration of order line number 1.

LIN.RFF REFERENCE O 1

To specify a reference.

C506 REFERENCE M

1153 Reference qualifier M an..3
Value: VN Vendor order number

1154 Reference number N

1156 Line number M an..6
Value: Line number on order

4000 Reference version number N

Example: RFF+VN::1'
Illustration of vendor order line number 1.

Segment group 37		O2
LIN.NAD NAME AND ADDRESS		M 1
	To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 through 3207.	
	<i>Condition:</i> This segment will only be used when there are different consignees on order.	
3035	PARTY QUALIFIER	M an..3
	<i>Value:</i> CN Consignee	
C082	PARTY IDENTIFICATION DETAILS	D
	Either C082 or C080 must be used.	
3039	Party id identification Volvo's identification on the Consignee. See Trading Partner Agreement.	M an..35
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by Buyer or Buyer's agent	R an..3
C058	NAME AND ADDRESS Address of Buyer	R
3124	Name and address line	M an..35
3124	Name and address line <i>Condition:</i> when more than one line is needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 2 lines are needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 3 lines are needed.	D an..35
C080	PARTY NAME Name of Consignee	D

Either C082 or C080 must be used.

3036	Party name	M an..35
3036	Party name	N
3036	Party name	N
3036	Party name	N
3036	Party name	N
3045	Party name format, coded	N

C059	STREET	O
	Address of Consignee	
3042	Street and number/P.O. Box	M an..35
3042	Street and number/P.O. Box	O an..35
3042	Street and number/P.O. Box	O an..35
3164 35)	CITY NAME	O an..30(an..
	City name of Consignee	
3229	COUNTRY SUB-ENTITY IDENTIFICATION	O an..2(an.. 9)
	State of Consignee	
3251	POST CODE IDENTIFICATION	O an..9
	Post code of Consignee	
3207	COUNTRY, CODED	O an..3
	Country of Consignee, coded Use ISO 3166 two alpha country code, e.g. NL The Netherlands	
Example:	NAD+CN+123456::92++VOLVO CAR TORSLANDA ASSEMBLY PLANT'	

LIN.NAD.LOC PLACE/LOCATION IDENTIFICATION O 1

Optionally to be used to indicate further a delivery location, sub-location or specific point within the organization identified in NAD.

3227 PLACE/LOCATION QUALIFIER M an..3

Value: 7 Delivery location

C517 LOCATION IDENTIFICATION R

3225 Place/location identification N
1131 Code list qualifier N
3055 Code list responsible agency, coded N

3224 Place/location M an..17

C519 RELATED LOCATION ONE IDENTIFICATION N**C553 RELATED LOCATION TWO IDENTIFICATION N****5479 RELATION, CODED N**

Example: LOC+7+:::TORSLANDA DOCK B'

Segment group 37 option additional

LIN.NAD	NAME AND ADDRESS	M 1
	To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 through 3207.	
	<i>Condition:</i> This segment will only be used when there are different consignees on order.	
3035	PARTY QUALIFIER	M an..3
	<i>Value:</i> MF Manufacturer	
C082	PARTY IDENTIFICATION DETAILS	D
	Either C082 or C080 must be used.	
3039	Party id identification Volvo's identification on the Manufacturer See Trading Partner Agreement.	M an..35
1131	Code list qualifier	N
3055	Code list responsible agency, coded <i>Value:</i> 92 Assigned by Buyer or Buyer's agent	R an..3
C058	NAME AND ADDRESS Address of Buyer	R
3124	Name and address line	M an..35
3124	Name and address line <i>Condition:</i> when more than one line is needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 2 lines are needed.	D an..35
3124	Name and address line <i>Condition:</i> when more than 3 lines are needed.	D an..35
C080	PARTY NAME Name of Manufacturer	D

Either C082 or C080 must be used.

3036P	Party name	M an..35
3036	Party name	N
3036	Party name	N
3036	Party name	N
3036	Party name	N
3045	Party name format, coded	N

C059	STREET	O
	Address of Manufacturer	
3042	Street and number/P.O. Box	M an..35
3042	Street and number/P.O. Box	O an..35
3042	Street and number/P.O. Box	O an..35
3164 35)	CITY NAME	O an..30(an..
	City name of Manufacturer	
3229	COUNTRY SUB-ENTITY IDENTIFICATION	O an..2(an.. 9)
	State of Manufacturer	
3251	POST CODE IDENTIFICATION	O an..9
	Post code of Manufacturer	
3207	COUNTRY, CODED	O an..3
	Country of Manufacturer coded Use ISO 3166 two alpha country code, e.g. NL:The Netherlands	
Example:	NAD+MF+123456::92++VOLVO COMPONENTS ARVIKA'	

Segment group 41**O 15****LIN.ALC ALLOWANCE OR CHARGE M 1**

To identify allowance or charge details related to this line item for information only if calculations are net, or to be taken into consideration if calculation are gross. The allowance or charge may be given as on amount, a rate per unit or a percentage.

5463 ALLOWANCE OR CHARGE QUALIFIER M an..3

Value: A Allowance
C Charge

C552 ALLOWANCE/CHARGE INFORMATION N**4471 SETTLEMENT, CODED N****1227 CALCULATION SEQUENCE INDICATOR, CODED N****C214 SPECIAL SERVICES IDENTIFICATION R**

7161 Special services, coded M an..3

Value: ABK
ABL
FAC
FC
PC
RF
SC

See appendix 1.

1131 Code list qualifier N

3055 Code list responsible agency, coded D an..3
Value: 92

7160 Special service N

7160 Special service N

Example: ALC+A++++ABK'
ALC+C++++KKK:::92'
(Illustration when owners code list)

Segment group 43 **O5**

LIN.ALC.PCD PERCENTAGE DETAILS **M 1**

To specify allowance or charge percentage information.

C501 PERCENTAGE DETAILS **M**

5245 Percentage qualifier **M an..3**
Value: 3 Allowance or charge

5482 Percentage **R n..8**
The number of percentage.

5249 Percentage basis, coded **N**

1131 Code list qualifier **N**

3055 Code list responsible agency, coded **N**

Example: PCD+3:40'
i.e. allowance of 40 % per unit price

LIN.ALC.PCD.RNG RANGE DETAILS**O1**

The segment is used if the allowance or charge percentage is depending on a range.

6167 RANGE TYPE QUALIFIER M an..3

Value: 3 Monetary range
4 Quantity range

C280 RANGE R

6411 Measure unit qualifier M an..3
ISO codes
Condition: Must be the same value as in PRI

6411 Segment when Quantity.
If Monetary same currency as
in CUX 6345 for CUX 6343 Value of
9 = Order currency, is used.

6162 Range minimum D n..18
Self explanatory

6152 Range maximum D n..18
Self explanatory

Example: RNG+4+PCE:200:500'

i.e. expected allowance for the range of 200 to 500
pieces' RNG+3+SEK:5000:10000' i.e. expected allowance for the range of
5000 to 10000 SEK'

Segment group 44		O5
LIN.ALC.MOA MONETARY AMOUNT		M 1
	To specify a monetary amount for the ordered line item.	
C516	MONETARY AMOUNT	M
5025	Monetary amount type qualifier <i>Value:</i> 23 Charge amount 204 Allowance amount	M an..3
	<i>Condition:</i> This mandatory value must correspond to what is specified in DE5463 in ALC.	
5004	Monetary amount Self explanatory	R n..18
6345	Currency, coded	N
6343	Currency qualifier	N
4405	Status, coded	N
Example:	MOA+204:20000'	

LIN.ALC.MOA.RNG RANGE DETAILS**O1**

To identify a range.

Condition:

It is used if the allowance or charge is depending on a range.

6167 RANGE TYPE QUALIFIER M an..3

Value: 3 Monetary range
4 Quantity range

C280 RANGE R

6411 Measure unit qualifier M an..3
ISO codes

Condition: Must be the same value as in PRI

6411 Segment when Quantity.
If Monetary same currency as in CUX 6345 for
CUX 6343 Value of 9 = Order currency, is used.

6162 Range minimum D n..18

6152 Range maximum D n..18

Example: RNG+4+PCE:500:2000'

i.e. expected allowance for the range of 200 to 500 pieces'RNG+3+
SEK:5000:10000' i.e. expected allowance for the range of 5000 to 10000

SEK'

Segment group 45 **O 5**

LIN.ALC.RTE RATE DETAILS **M 1**

To specify the allowance or charge rate information.

C128 RATE DETAILS **M**

5419 Rate type qualifier **M an..3**

Value: 1 Allowance rate
2 Charge rate

5420 Rate per unit **M n..15**

5284 Unit price basis **N**

6411 Measure unit qualifier **N**

Example: RTE+1:2.5'

i.e. the allowance is applied per unit.

LIN.ALC.RTE.RNG RANGE DETAILS O 1

To identify a range

Condition: It is used if the allowance or charge is depending on a range.

6167 RANGE TYPE QUALIFIER M an..3

Value: 3 Monetary range
4 Quantity range

C280 RANGE R

6411 Measure unit qualifier M an..3
ISO codes
Condition: Must be the same value as in PRI

6411 Segment when Quantity.
If Monetary same currency as
in CUX 6345 for CUX 6343 Value of
9 = Order currency, is used.

6162 Range minimum D n..18

6152 Range maximum D n..18

Example: RNG+4+PCE:200:500'
i.e. expected allowance for the range of 200 to 500 pieces.
RNG+3+SEK:5000:10000'
i.e. expected allowance for the range of 5000 to 10000 SEK'

Segment group 51 **O 100**

LIN.SCC SCHEDULING CONDITIONS **M 1**

To specify a delivery schedule for the line item, e.g. to identify the quantities and delivery dates, for a specific period.

4017 DELIVERY PLAN STATUS INDICATOR, CODED **M an..3**
Value: 1 Firm
4 Planning / forecast

4493 DELIVERY REQUIREMENTS, CODED **N**

C329 PATTERN DESCRIPTION **O**

2013 Frequency, coded **R an..3**
See appendix 1.

2015 Dispatch pattern, coded **O an..3**
See appendix 1.

2017 Dispatch pattern timing, coded **O an..3**
See appendix 1.

Example: SCC+1++W:14:D'
e.g. firm, weekly every Tuesday morning

Segment group 52 **M 10**

LIN.SCC.QTY QUANTITY **M 1**

To specify a delivery quantity for a delivery schedule.

C186 QUANTITY DETAILS **M**

6063 Quantity qualifier **M an..3**
Value: 21 Ordered quantity
 113 Quantity to be delivered

6060 Quantity **M n..15**

6411 Measure unit qualifier **M an.. 3**
 ISO codes, same as in PRI 6411.
 See appendix 1.

Example: QTY+21:2:PCE'

LIN.SCC.QTY.DTM DATE/TIME/PERIOD**O 10**

To specify date, and/or time, or period for the quantity specified in previous segment.

Note:

SCC The information given here may complement the pattern indicated in the segment.

C507 DATE/TIME/PERIOD**M**

2005 Date/time/period qualifier

M an..3

Value: 2 Delivery date/time, requested
10 Shipment date/time, requested
11 Dispatch date/time
55 Confirmed date/time
61 Cancel if not delivered by this date
63 Delivery date/time, latest
64 Delivery date/time, earliest
69 Delivery date/time, promised for

2380 Date/time/period

R an..35

Format: CCYYMMDD

2379 Date/time/period format qualifier

R an..3

Value: 102 CCYYMMDD
203 CCYYMMDDHHMM
616 CCYYWW
Week within a calendar year:

Example: DTM+11:19951011:102'

Segment group 53		O 100
LIN.RCS REQUIREMENTS AND CONDITIONS		M 1
	To specify sector/subject requirements and conditions.	
7293	SECTOR/SUBJECT IDENTIFICATION QUALIFIER	M an..3
	<i>Value:</i> 5 Automotive Industry	
C550	REQUIREMENT/CONDITION IDENTIFICATION	O
7295	Requirement/condition identification	M an..17
	<i>Value:</i> See Trading Partner Agreement.	
1131	Code list qualifier	O an..3
	<i>Value:</i> See Trading Partner Agreement	
3055	Code list responsible agency, coded	D an..3
	<i>Value:</i> 92 Assigned by buyer or buyers agent.	
7294	Requirement or condition	O an..35
1229	ACTION REQUEST/NOTIFICATION, CODED	N
Example:	RCS+5+:::ACCORDing to drawing'	

Summery section**UNS SECTION CONTROL****M 1**

To separate Header, Detail and Summary sections of a message

0081 SECTION IDENTIFICATION**M an..1***Value:* S Separate summery from detail

Example: UNS+S'

5.7 Examples

5.8 EDIFACT to ANSI X12 crossing.

Crossing is valid for ORDERS, ORDCHG and ORDRSP. See appendix 3.