



Infor Volvo Truck EDIFACT (WF)

Traditional

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Contents

- Contents..... 3**

- Table of Changes 4**
 - General Information5
 - Transaction Sets and Versions5
 - Security6
 - Communication Method6
 - Implementation.....7
 - Identification Code File7
 - Trading Partnership File.....7
 - Machine Readable - Destination File.....10
 - Parts Cross Reference File.....10
 - Destination Master File Setup.....11
 - Model Year12
 - Price File - Type of Funds.....12
 - EDI Code File – DELFOR/830 Type and Frequency12
 - EDI Code File – DELJIT/866 Type and Frequency12
 - Requirement Master File.....13
 - CUM Required Prior.....13
 - Taxes.....13
 - VL0 Menu14
 - Print Method.....14
 - DESADVs.....15
 - Maintain DESADVs.....16
 - Maintain Bar Code Data.....19
 - Maintain Printed Bar Code Labels20
 - VL75 Menu21
 - Overview21
 - Maintain Invoices22
 - File Setup26

- How to Use This Document..... 28**
 - General Information28
 - Security28
 - Implementation.....28
 - VL0 Menu28
 - ASN/DESADVs29
 - Electronic Invoice Menu.....29

Table of Changes

Changed By	Date	Reason	Update#	Section Changed
K. Feger	03/05/21	Convert from ICS Trading Partner to Standard Trading Partner		New Supplement

General Information

Transaction Sets and Versions

The Volvo Truck EDIFACT module supports the following transaction sets:

- DELFOR Delivery Schedule Version D04A
- DELJIT Delivery Just-In-Time (Sequence) Version D04A
- DESADV Despatch Advice (ASN) Version D07A
- INVOIC Electronic Invoice Version D03A and D07A

The INVOIC (Electronic Invoice) is required to be transmitted to Volvo Truck EDIFACT as requested.

The DELFOR (Delivery Schedule), processes as 830s, contains firm and planning requirements.

The DELJIT (Delivery Just-In-Time) Sequence, processes as 866s, contains sequenced firm ship requirements. (selected suppliers only).

The DESADV (Despatch Advice) is required to be transmitted for each shipment when the truck leaves the plant.

Security

Communication Method

Volvo Truck EDIFACT communicates through the ACM (Advanced Communications Module) component.

For more information on ACM, see Chapter 17 of the AutoRelease main manual. Enter security requirements (identification codes, passwords, etc.) before attempting to receive or transmit. Network security is entered one time but may be accessed by multiple trading partners.

Note: When establishing communication set up either with a VAN or direct, the following must exist:

Wrap Data?	YES - 80
Start New Record on New Interchange?	YES

File Archiving / Auto Print and Process

(Option 3 on the AZ10 Menu - ACM)

```

AZD2008                                PROCESS PROFILE SETUP

      OEM ..... WF
      Company ..... 01

      Auto Print .....
      Auto Process.....
      Auto 997.....
      Days To Archive.....

F4=Prompt   F12=Cancel
    
```

- Auto Print (Y/N) - Enter “Y” if using Auto Receive and Breakdown (scheduled through ACM), to perform an automatic Print after the Breakdown. Enter “N” if not using AutoReceive, or, if using AutoReceive and Breakdown, if the Print option is not to be run automatically after the Breakdown.
- Auto Process (Y/N) - Enter “Y” if using AutoReceive and Breakdown (scheduled through ACM) and if also using Auto Print, to perform an automatic Process after the Receive, Breakdown and Print. Enter “N” if not using Auto Receive, or, if using AutoReceive, Breakdown, and Auto Print, if the Process option is not to be run automatically after the Print.
- Auto 997 (Y/N) – Enter “Y” and a 997 will automatically be sent back to the OEM acknowledging receipt of inbound EDI data.
- Days to Archive - Enter the number of days to archive files received from the OEM. Files must be saved at least one day. Archived files are files that are stored for a given number of days, so that they can be reactivated. The number of days is not based on calendar days. Only the number of days when a communication session takes place is counted. Then the archived files are removed during the next shift.

Note: Only error-free requirements are processed. Errors must be corrected and the “Print” and “Process” options must be taken manually to process the remaining data.

Implementation

Identification Code File

The Identification Code File is used when taking the options to "Split" and "Breakdown" a file received from Volvo Truck EDIFACT and when transmitting DESADVs and INVOICs. The Identification Code File is used differently by different manufacturers.

Volvo Truck EDIFACT requires a separate Identification Code record for each ship-to location:

- The initial record contains the supplier code in the Plant ID field. Trading partnership record required.

Initial Record

(Trading Partnership File Required)

```
IDENTIFICATION CODES

Company Number ..... 01
OEM Code ..... WF
Plant ID ..... SUPPLIERID          (How the OEM defines your plant)

OEM ID .....
                                   (How the OEM defines themselves)
Corporate ID .....                (How the OEM defines your corp.)
Remit to Duns Number .....        (Payment Receiver ID - ASN)
VAT Code .....

Transmission Mode ..... P (T/P)   T-Test, P-Production
Smart Labels ..... N (Y/N)
Pallet Staging ..... N (Y/N)
Bar Code File Transfer ... N (Y/N)
Variable Unwrap Print ... Y (Y/N)
Automatic print of 997 ... Y (Y/N)
AutoMap..... N (Y/N)

F1=Help  F10=Delete  F12=Return  F15=Trading Partnership File (EDIFACT)
F17=Selective F/A's  F18=Additional Qualifiers  F19=Outbound Receiver IDs
```

Errors that occur during the "Split" that indicate a code is missing from the Identification Code File are referring to OEM ID.

Errors that occur during the "Breakdown" that indicate a code is missing from the Identification Code File are referring to Plant ID or the Corporate ID.

Trading Partnership File

Machine Readable records MUST be entered BEFORE the Trading Partnership records can be created, because destinations are validated.

The Trading Partnership File is used to enter data to be used in the "enveloping" of the electronic file being transmitted instead of using the Identification Code File and the hard coding within the programs.

When a trading partner changes their enveloping, the change may be made, by the user, in the Trading Partnership File, instead of waiting for a program change.

Press F15 (Trading Partnership File (EDIFACT)) after entering the appropriate data in the Identification Code File.

Steps to create default values:

1. Press F6 (ADD) from the EDIFACT Trading Partnership Review Screen.
2. Abbreviations may be entered. Volvo Truck EDIFACT may require a separate record for each destination. Press Enter.
3. Enter the code representing data format (E for EDIFACT). Press Enter. The UNB Detail screen is displayed.
4. Press F7 (Infor Defaults).

Two UNB records are created, one for the DESADV and one for the INVOIC.

Modifications are needed to the DESADV and INVOIC records.

Press F12. The EDIFACT Trading Partnership Review is displayed.

Steps 1-4 must be repeated for each destination.

EDIFACT Detail Screen

```

VLD9702P                               Maintain Trading Partnership File

Company Number..... 01                (A) ISA/ (C) ICS/ (E) Edifact:   E
OEM Code..... WF
Supplier ID..... SUPPLIERID
Customer Abbrv(O).....
Destination Abbrv(O)....
EDIFACT Message Type.... DESADV
User Define Description: DESADV MESSAGE           Active (Y)/(N):  Y
      UNB - Qualifier/Information
Sender:  !!!!                               Syntax ID:      UNOA
Receiver: !!!!                               Syntax Version: 1
      UNG - Qualifier/Information
Sender:                                     Processing Option:  P
Receiver:                                   P=Print Before Sending
                                           Hexadecimal Code
Version.....:  D                          Sub Element Separator:  7A
Release Number....:  07A                   Data Element Separator:  4E
Responsible Agency:  UN                     Segment Terminator:     7D
(T)est/ (P)roduction:  P                   Acknowledgement Requested: N

F7=Create Infor Defaults  F12=Return
    
```

- User Define Description - Enter the name of the destination plant.
- UNB Sender Qualifier – default is !!!! which indicates no qualifier is used. If your Volvo Truck EDIFACT location requires a qualifier replace the !!!! with the required value.
- UNB Sender - Enter your DUNS/Supplier number.
- UNB Receiver Qualifier - default is !!!! which indicates no qualifier is used. If your Volvo Truck EDIFACT location requires a qualifier replace the !!!! with the required value.
- UNB Receiver - Enter Volvo Truck EDIFACT DUNS/Destination code**.
- Processing Option - The default is “P”; an unwrapped file will print and is available for viewing before the transmission. If you do not want to preview the EDI prior to transmission, change the processing option to blank.
- Release number for the INVOIC will default to 07A for version D07A, if you need to use the older version change this value to 03A for version D03A.

**** Some Volvo Truck EDIFACT locations require an “Internal Code per Company”.**

The Internal Code can be sent appended to the receiver ID or as a separate data element in the receiver ID composite. Please set up the UNB receiver ID according to the examples below based on the format required for each shipping location. See the “Application of ISO/EDIFACT and OFTP” document on Volvo’s EDI Specifications and Guidelines website for more information.

0942 = Code for the Swedish National Tax Board
 00009999999999 = National Tax Board company code (14 digits)
 YYYYYY = Internal Code (6 or 7 digits)

If the location is appending the Internal Code to the end of the Receiver ID the format will be 094200009999999999YYYYY:30. Set up the trading partnership UNB Receiver ID as:

UNB - Qualifier/Information			
Sender:	!!!!	Syntax ID:	UNOA
Receiver:	30 094200009999999999YYYY	Syntax Version:	1

If the location is sending the Internal Code as a separate data element the Receiver ID format will be 094200009999999999:30:YYYYYY. Set up the trading partnership UNB Receiver ID as:

UNB - Qualifier/Information			
Sender:	!!!!	Syntax ID:	UNOA
Receiver:	!!!! 094200009999999999:30:YYYYYY	Syntax Version:	1

Machine Readable - Destination File

DESTINATION ABBREVIATION RECORD	
Company Number	01
OEM Code	WF
Identification Number	4321
Dock Location	
Destination Abbreviation	WFCUST
Destination Description	
P O Destination	000000000
ERS Destination	(Y/N)
OEM Consideration	(Y/N)
Electronic Invoices	Y (Y/N)
Line Set	N (Y/N)
Clear By Destination	N (Y/N)
Type of FBO	(M/S)
Chrysler PAB/Non-PAB Combine.	(Y/N)
Send Prev CUM on ASN/DESADV .	N (Y/N)
Exclude from APNAT calc	N (Y/N)
Place on Credit Hold	(Y/N)
Ship Direct	(Y/N)

- Electronic Invoice - Mark the electronic invoice flag with "Y."

Parts Cross Reference File

Volvo Truck EDIFACT requires Country of Origin on the DESADV in the ALI segment.

Destination Master File Setup

```

SCD6300B          MAINTAIN DESTINATION MASTER FILE

Company Number ..... 01    TEST COMPANY
Destination Number ..... 400
Name 1 ..... VOLVO TRUCK EDIFACT    FOB .....
Name 2 .....                Distributor Code ..
Address 1 .. 11111 INDUSTRIAL DR    Ford Dest Code .....
Address 2 ..                ASN/DESADV (B/C/N/O/V/Y) C
Address 3 ..                GM Msg/Temp Msg Code ... /
City/State . ANYTOWN          PA    GM Std Loc/Ford Rt Cd 2.
Zip Code ... 12345          Carrier/Frt Fwd Pref.... 110 /
Country .... US            Route Code / HMRS (Y/N).
                                Honda Destination .....
Arrival/Ship Dates (A/S) ..... S    Supplier Type (P/S) ....
Delivery Travel Time (Hrs/Min)    ASN Unit of Measure .... EA
Delivery Travel Time (Days) ..    JIT Location (Y/N) .....
                                Bar Code Verif (Y/N/C/S)
Available Ship Days (X = Select)    Print Invoices (Y/N) ... Y
S   M   T   W   H   F   S    Create Invoices (Y/N) .. Y
                                Payment Type: Coll  PP X PPI  Oth
Names:                            Alt. Description...
                                Dealer Code .....
F1=Help  F10=Delete  F12=Return    Cat Europe Ult Dest ....
    
```

- Volvo Truck EDIFACT requires bar code on the DESADV so the ASN/DESADV code must be 'C'.
- Volvo Truck EDIFACT has an electronic invoice (INVOIC) so the Print Invoices flag must be 'Y'.

```

SCD6300C          MAINTAIN DESTINATION MASTER FILE

Print Remarks (Y/N):  N Shipper    N Invoice    N Acknowledgement

Remark: _____
      _____
      _____
      _____

ASN/DESADV Transmit Windows:  Before  Hours:    Mins.:
                               After   Hours:    Mins.:

3rd Party Electronic Invoice OEM ....
Multi-Company Pool Bill Destination? (Y/N):
Print Part Description on Invoices (Y/N):
Travel Time: Set Prior to Current Date? (Y/N)...:
                Set Holiday to Next Ship Day? (Y/N):
Remove no-charge returnable containers from invoice? (Y/N)
Funds Type .....    Funds Type Description ...
Tax Exempt .....

F1=Help  F12=Return    One P.O. Per Invoice (Y/N)
    
```

- Tax Exempt - Taxes may be required for Volvo Truck EDIFACT plants or destinations unless they are tax exempt. Enter the tax exempt number to print on the hard-copy invoice. This will keep the electronic invoice from calculating taxes.

Model Year

Volvo Truck EDIFACT does not send model year. Therefore, the Requirement and Price Files must be entered leaving the model year field blank.

Price File - Type of Funds

Volvo Truck EDIFACT requires the Type of Funds code to be transmitted in the Electronic Invoice File. The Type of Funds field is found in the Price File.

Enter "USD" for U.S. Dollars to be transmitted in the 810 File.

Enter "CAD" for Canadian Dollars to be transmitted in the 810 File.

EDI Code File – DELFOR/830 Type and Frequency

Frequency Codes

Frequency codes are assigned based on the DTM segments within the quantity loop. DTM+10 represents a single delivery date and the DTM+64/63 represents a date range. When a date range is sent the number of days is calculated and the frequency code is assigned accordingly.

D – DTM+10 or DTM+64/63 dates are equal.

W – DTM+64/63 date difference is between 1 and 7

M – DTM+64/63 date difference is greater than 7

Type Codes

C – Firm if SCC Type is 1 or 24

D – Planning if SCC Type is 4

EDI Code File – DELJIT/866 Type and Frequency

Volvo Truck EDIFACT does not send requirement type and frequency on DELJIT/866s. The system assigns type "C" and frequency "D." A type and frequency code is needed so requirements can be accessed using manual entry.

Requirement Master File

Clear Flags

DO NOT mark the clear flag for the 866. Mark the clear flag for the 830.

866	862	830	850
-	-	X	-

The DELFOR/830 is a full replacement file. When multiple DELFOR/830s are received, only the most current release for the part/destination will be processed.

The DELJIT/866 requirements are only sent once. When multiple DELJIT/866s are received the additional header records will be remove, however all detail requirements will process.

CUM Required Prior

Volvo Truck EDIFACT sends a "total received" which is placed in the CUM required prior field for the DELFOR/830. It is not necessary to enter a CUM required figure manually before going live. The "total received" that is transmitted overlays what was entered manually.

Volvo Truck EDIFACT does not send a CUM value on the DELJIT/866. During Shipper Extract the 866 Cum Required will be set to the Cum shipped. When the DELJIT/866 is processed a check is made to shipping history so sequence numbers already shipped will not reprocess.

The CUM required prior is used to calculate ahead or behind figures and to round to package quantity. When entering a Volvo Truck EDIFACT manual requirement or while testing, the CUM required prior may be entered using the option Enter Manual Requirements and either using F5 from the entry screen or it may be entered directly on the header screen.

Taxes

Invoices may require taxes for each detail part and miscellaneous charge for an entire invoice. The tax rate and description must be entered in the Tax Rate file. The Tax Code used in the Tax Rate file must be also entered into a record in the Name File with the OEM Code of 'WF' and the same Tax Code as used in the Tax Rate file. Calculated taxes print on the invoice and are returned in the 810 File.

If a destination is Tax Exempt, the Tax Exempt field must have an entry in the Destination file. The quantity and price are retrieved from the detail part or miscellaneous charge. The tax rate and qualifiers are retrieved from the tax rate file and the tax amount is calculated.

VLO Menu

```
12.0                6/30/20                MENU: VL0WF                18:22:42
-----
                    VOLVO TRUCK EDIFACT
                    VARIABLE LENGTH TELECOMMUNICATIONS
                    -----

                    1.  Receive Data
                    2.  Split Network Data into OEM files
                    3.  Breakdown Data
                    4.  Print Requirements (DELFOR/DELJIT)
                    5.  Process Requirements (DELFOR/DELJIT)

                    23. Return to V/L Telecommunications
                    24. Return to Main Menu

                                Option
```

Many options are identical from trading partner to trading partner. Those options are explained one time only in the AutoRelease Manual. Only options unique to this trading partner, exceptions or unique business practices are explained in this document.

Print Method

Print Method: Optional

Volvo Truck EDIFACT is coded to use the optional "Print" method, which affects the Breakdown, Print and Process options.

DESADVs

12.0	6/30/20	MENU: VL8WF	18:31:31

VOLVO TRUCK EDIFACT DESADV MENU			

1. Maintain DESADV Messages			
2. List DESADV Messages			
3. Upload / Convert Bar Code Data			
4. Maintain Bar Code Data			
5. Maintain Printed Bar Code Labels			
6. List Bar Code Data			
7. List Printed Bar Code Labels			
8. Create/Transmit DESADV			
9. Purge Printed Bar Code Labels			
10. Purge Transmitted DESADV/Bar Code			
11. Reactivate Transmitted DESADV/Bar Code			
23. Return to V/L Communications Menu			
24. Return to Main Menu			
Option			

Traditionally coded trading partners use a VL8xx menu (where xx is the OEM code) to transmit ASN/DESADVs to the trading partner. Many options are identical from trading partner to trading partner. Those options are explained one time only in the AutoRelease Manual. Only options unique to this trading partner, exceptions or unique business practices are explained in this document.

Maintain DESADVs

(Option 1 on the VL8 menu)

DESADV Maintenance Screen

DESADV FILE MAINTENANCE				
Company 01	Sequence Number	4274	OEM WF	Action Code O
Shipper # .. 123456	Net Weight	40	DESADV.....	C
Qty Shp 8	Tare Weight	18	Cust Abbv ...	WFCUST
Ship Date .. 8/13/19	U of M	EA	Dest Abbv ...	WFDEST
Ship Time .. 12:22	Container Qty	8	Pallet Qty...	2
Arr Date ...	Container Desc	BOX	Pallet Desc..	PALET
Arr Time ...	Equip Desc	TL	Equip Init ..	EQIT
	Dock Code	669		
Cust Part # 23445689				
In-House Part #. I-23456789				
Plant ID	SUPPLIERID	Pro #	PRONUM1A2B3C4D	
P.O. #	MFG010101	Conv Code	10	
Seal #.....		Conv Bill #.....	99123456	
RAN		Carrier Abbv	OBEX	
VIN #		Carrier Name.....	OUTBOUND EXPRESS	
Country/Origin..				
F10=Delete F12=Return F13=Address File				

- Company Number - Displays the company number that was previously entered.
- Sequence Number - Assigned by the system.
- OEM - "WF" for Volvo Truck EDIFACT.
- Action Code - The action code places the corresponding code in the BGM03 segment in the ASN File.
 - O - Original 9
 - H - Hold Record is not included in transmission
 - T - Transmitted

Many fields on the ASN/DESADV Screen default from various master files. However, many of them can be changed at shipper entry time. The fields are listed alphabetically below.

- Carrier Abbv - Carrier Abbreviation (SCAC code) which defaults from the Carrier Abbreviation field in the Carrier File.
- Carrier Name - Carrier name associated with the number entered in the carrier preference field in the Destination File. The carrier can be changed at shipper entry.

- Container Desc - The Container Description must be a valid AIAG standard description consisting of 3 alpha characters followed by 2 numeric characters. This defaults from the Container File. The container code can be changed at shipper entry time.
- Container Qty - The number of containers which is calculated by dividing the quantity shipped by the package quantity entered in the Requirement A record. It can be changed at shipper entry time.
- Conv Bill # - Defaults from the Conveyance Number field at shipper entry time if a trailer number, air freight number or ocean-going container number was entered.
- Conv. Code – EDIFACT standard code which describes the method of conveyance. Defaults from the Carrier File. It can be changed at shipper entry time.
- Country/Origin - Country of Origin code.
- Cust Abbv - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct customer code in the ASN File.
- Cust Part # - Volvo Truck EDIFACT part number.
- DESADV - Defaults from the Destination File. The ASN/DESADV code can be changed at shipper entry time. Volvo Truck EDIFACT uses the DESADV code of "C" for variable length with bar code.
- Dest Abbv - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct destination code in the ASN File.
- Dock Code - Code representing the dock at the destination location if a dock was transmitted. Defaults from the Requirement A record. The Destination Abbreviation with the dock code must be entered in the Machine Readable Destination File to transmit the correct destination location code in the DESADV File.
- Equip Desc - The Equipment Description further describes the Conveyance Code. It defaults from the Carrier File.
- Equip Init - Equipment owner's code, which defaults from the Carrier File. The equipment initial may be changed on the shipper header screen.
- In-House Part # - Internal part number entered in the Parts Cross Reference File.
- Net Weight - Total weight of parts, calculated by multiplying the quantity shipped times the net weight per part entered in the Parts Cross Reference File. It can be changed at shipper entry time.
- Pallet Desc - Defaults from the Requirement Master or from shipper entry time.
- Pallet Qty - Number of pallets calculated by dividing the quantity shipped by the Pallet Capacity. The pallet quantity can be changed at shipper entry time.
- Plant ID - Supplier code assigned by Volvo Truck EDIFACT. This is entered in the supplier code field in the Requirement Master and the Plant ID field in the Identification Code File.

- P.O. # - Purchase Order Number issued by Volvo Truck EDIFACT. Defaults from the Requirement B record.
- Pro Number - The PRO Number is supplied by the freight carrier and may be entered here or on the Update DESADV Info Screen when the "Create/Transmit" option is taken.
- Qty Shp - Number of pieces shipped which is transmitted in the QTY+12 segment in the DESADV File.
- RAN – The Sequence number sent in SEQ segment in the DELJIT Sequence. It is returned in the GIN+AL on the DESADV
- Ship Date - Date of shipment in the MM-DD-YY format. Defaults from shipper entry time.
- Ship Time - Time entered at shipper entry time (HHMM) in military format. If no time was entered the ship time defaults from the system time when the "Extract" option is taken.
- Shipper # - Shipper number assigned by the system when the shipper was created.
- Tare - The weight of the container(s) which is calculated based on the container and pallet weights entered in the Container File. The tare weight can be changed at shipper entry time.
- U of M - Defaults from ASN Unit of Measure field in the Destination File. It can be changed at shipper entry time.
- VIN # - The VIN sent in the GIR segment in the DELJIT Sequence. It is returned in the GIN+VV on the DESADV.

Maintain Bar Code Data

(Option 4 on the VL8 menu)

Bar Code Maintenance Screen

Press Enter from the Bar Code Selection Screen to display the remaining fields.

```

VLD8400B                BAR CODE MAINTENANCE

                          Company Number..... 01
                          Identification Number... _____
                          Sequence Number..... _____

Master/Mixed No.....    Short Serial #   Bar Code data on label
Container Serial No.... _____
Label Type .....       _____

Package Quantity.....   _____
Customer Part Number... _____
RAN Number.....         _____
Returnable Container .. _____
Purchase Order Number.. _____
IPP Tag Number 1.....   _____   IPP Reason Code 1...  __
IPP Tag Number 2.....   _____   IPP Reason Code 2...  __
      OEM/Label Type    __ _         (C=Container M=Master X=Mixed)
Lot Number.....         _____

F7=User Defined  F8=Additional Info  F10=Delete  F12=Return
    
```

- Master/Mixed No - The master/mixed serial number associated with this label is retrieved from the SCPBCODE file. This field must be entered whether the label is a master/mixed or single. If this is a master/mixed label this field will match the label serial number field.
- Container Serial No - Serial number from the bar code label.
- Label Type:
 - M - Master label
 - S - Single label
 - G - Mixed label
- Package Quantity - The total quantity per label type. If the label type is "M" this is the total number of pieces for this master label. If the label type is "S," enter the number of pieces for a single container.
- Customer Part Number – Volvo Truck EDIFACT part number.
- RAN Number – Enter the RAN (Sequence Number). Required for DELJIT Sequence/866.
- Returnable Container – Not used by Volvo Truck EDIFACT.

- Purchase Order Number – Not used by Volvo Truck EDIFACT.
- IPP Tag Number 1 – Not used by Volvo Truck EDIFACT.
- IPP Reason Code 1 – Not used by Volvo Truck EDIFACT.
- IPP Tag Number 2 – Not used by Volvo Truck EDIFACT.
- IPP Reason Code 2 – Not used by Volvo Truck EDIFACT.
- OEM/Label Type – Not used by Volvo Truck EDIFACT.

Maintain Printed Bar Code Labels

(Option 5 on the VL8 menu)

This option is used only if labels are printed using the Smart Label System to add, change or delete printed bar code labels from the file VARUPBAR that was uploaded from the Smart Label System.

Bar Code Maintenance

Press Enter from the bar code selection screen to maintain printed bar code labels.

- Supplier Number – Identification code assigned by Volvo Truck EDIFACT.
- Package Quantity - Quantity shipped/scanned.
- Customer Part Number – Volvo Truck EDIFACT part number.
- RAN Number – Sequence Number (DELJIT/866 only).
- Purchase Order Number - Not used by Volvo Truck EDIFACT.
- Model Year - Not used by Volvo Truck EDIFACT.
- Date Printed - The date, in MM-DD-YY format, the bar code labels were printed.
- User Defined Field - Data entered in this field is user-defined and is carried through to the VARUPBAR and SCPBCODE files.
- User Defined Field - Data entered in this field is user-defined and is carried through to the VARUPBAR and SCPBCODE files.
- User Defined Field - Data entered in this field is user-defined and is carried through to the VARUPBAR and SCPBCODE files.
- User Defined Field - Data entered in this field is user-defined and is carried through to the VARUPBAR and SCPBCODE files.

- OEM/Label Type - Not used by Volvo Truck EDIFACT.
- Transmitted (Y/N) - "Y" defaults if the label has been uploaded from the Smart Label system. The transmitted field and the note that follows displays only when displaying an existing record, not when adding a record.

VL75 Menu

```

VLD7500WF1      6/30/20      MENU: VL75WF      18:52:11
12.0      -----
                        VOLVO TRUCK EDIFACT
                        ELECTRONIC INVOICES
                        -----

1.  Electronic Invoice Maintenance
2.  Print Invoice Register
3.  Create and Transmit Invoices
4.  Purge Transmitted Invoices
5.  Reactivate Transmitted Invoices

23. Return to Electronic Invoice Processing Menu
24. Return to Main Menu

Option

```

Overview

Traditionally coded trading partners use a VL75xx menu (where xx is the OEM code) to transmit electronic invoices to the trading partner. Many options are identical from trading partner to trading partner. Those options are explained one time only in the AutoRelease Manual. Only options unique to this trading partner, exceptions or unique business practices are explained in this document.

Volvo Truck EDIFACT (WF) requires the ship-from and ship-to N3 and N4 segments on the EDI Invoice (810). To accommodate this, the following changes have been made:

Ship-From Name/Address: If the address in the Company Control File is not the address required for the Ship-From (SF) on the 810, the supplier must enter the complete ship from name and address in the Name File. The OEM code (WF) must be entered along with a qualifier of (SF). Enter the Name File Number in the Destination Master Name field.

During Invoice Create, the Name File will be checked first. If a record exists and the Name, Address 1, City or Country is blank, a terminal error will appear on the Invoice Verification Report and if the State or Zip Code is blank, a warning error will appear.

If there is no record in the Name File, the Company Control File will be checked for blanks, generating the same errors.

Ship-To Name/Address:

If the address in the Destination Master is not the address required for the Ship-To (ST) on the 810, the supplier must enter the complete ship to name and address in the Name File. The OEM code (W) must be entered along with a qualifier of (ST). Enter the Name File Number in the Destination Master Name field.

During the invoice create, the Name File will be checked first. If a record exists and the Name, Address 1, City or Country is blank, a terminal error will appear on the Invoice Verification Report and if the

State or Zip Code is blank, a warning error will appear. If there is no record in the Name File, the destination data in the Electronic Invoice Header File (VLPINVA) will be checked for blanks, generating the same errors.

If there aren't any records in the Name File or the destination name in the Electronic Invoice Header File is blank, the Destination Master will be checked for blanks, generating the same errors.

Maintain Invoices

(Option 1 on the VL75 menu)

Invoice Header Screen

VLD751WF1	ELECTRONIC INVOICE MAINTENANCE	
Company Number ... 01	Invoice Number ... 123456	
VLD751WF2	HEADER INFORMATION	UPDATE
Invoice Date..... <u>06/30/20</u>	Customer Abbv.... <u>WFCUST</u>	
Invoice Number... <u>123456</u>	Dest. Abbv..... <u>WFDEST</u>	
Shipper Number... <u>123456</u>	Plant ID..... <u>SUPPLIERID</u>	
Ship Date..... <u>06/30/20</u>		
Ship Time..... <u>18:51</u>		
F10=Delete F12=Return		

Data on the electronic invoice screens may come from the file where it was originally processed or entered, or it may have been changed at ship time or through invoice maintenance.

- Invoice Number – Invoice number.
- Invoice Date - Defaults to the system date in MM-DD-YY format when adding an invoice.
- Shipper Number - Shipper number associated with this invoice.
- Ship Date - The date the shipment was made in MM-DD-YY format.

- Ship Time - The time the shipment was made in HH:MM format.
- Customer Abbv - User-defined Customer Abbreviation which is also entered in the Requirement Master and the Machine Readable Files.
- Dest. Abbv - User-defined Destination Abbreviation which is also entered in the Requirement Master and the Machine Readable Files.
- Plant ID - Supplier code assigned by Volvo Truck EDIFACT. This is entered in the supplier code field in the Requirement A record and in the Plant ID field in the Identification Code File.

Invoice Line Item Selection Screen

Press Enter from the header screen to display the line item screen. This screen lists all line items for this invoice. A line item can be selected to be viewed or maintained or can be deleted.

VLD7511D		ELECTRONIC INVOICE MAINTENANCE				
		Detail Selection Screen				
Options: 1=Select 4=Delete		Company Number: 01		Invoice Number: 123456		
Opt	Type	Part Number	Price	Line #	Seq #	P.O. Number
	ITEM	I-23456789	55.000000			MFG010101
	ITEM	I-34567890	60.000000			MFG020202
	ITEM	I-45678901	65.000000			MFG030303
						Bottom
F6=Add Part		F7=Add Misc Chrg	F12=Return	F17=Top	F18=Bottom	

- 1 Select - Enter "1" next to the record to display or maintain.
- 4 Delete - Enter "4" next to the record to delete the selected record. A confirmation window is displayed. Enter to delete or press F12 to return without deleting.
- F6 - Add Part - Displays a blank line item record to add a part to this invoice.
- F7 - Add Misc Chrg - Displays the Miscellaneous Charge Screen to add a charge pertaining to the entire invoice. (A miscellaneous charge may be attached to a specific line item from the detail screen).

Invoice Detail Screen

Press Enter from the Header Screen when manually adding an invoice or use F6 (Add Part) to display a blank line-item record to add a part.

VLD751WF1	ELECTRONIC INVOICE MAINTENANCE	
Company Number ... 01	Invoice Number ... 123456	
VLD751WF3	LINE ITEM INFORMATION	CHANGE
Our Part#... I-23456789	Qty Ship.....	8
Cust Part#.. 23456789	Unit Price (6dec).	55.000000
Part Desc... PART DESC FOR 23456789	Unit of Measure... EA	
P.O. Number. MFG010101	Funds Type.....	USD
Country of Origin.. US	PO Line	
F7=Add Misc Charge F10=Delete F12=Return		

Data on the electronic invoice screens may come from the file where it was originally processed or entered, or it may have been changed at ship time or through invoice maintenance.

- Our Part# – In-house part number.
- Qty Ship – Number of parts being invoiced.
- Cust Part# – Volvo Truck EDIFACT part number entered in the Parts Cross Reference File.
- Unit Price – Price of a single part, entered to four (4) decimal positions. DO NOT enter the decimal point.
- Part Desc – Part Description from Parts Cross Reference File.
- Unit of Measure – Unit of Measure Abbreviation retrieved from the Unit of Measure Cross Reference File.
- P.O. Number – Purchase Order Number for this shipment.
- Funds Type – Defaults from the funds type field in the Price File.
- Country of Origin – Defaults from the Parts Cross Reference File.

- PO Line – Purchase Order Line number.

Add Miscellaneous Charge - F7

From the line item selection screen applies the miscellaneous charge to the entire invoice.

Miscellaneous Charge Screen

```

VLD751WF1          ELECTRONIC INVOICE MAINTENANCE

Company Number.. 01          Invoice Number..... 123456

VLD751WF4          MISC CHARGE INFORMATION          CHARGE
                                                ON PART
Amount(6 dec)....          Spec Serv Cd.....
Quantity.....          P.O. Number .....

F12=Return
    
```

- Amount (6 dec) - Amount of the miscellaneous charge entered to six (6) decimal places.
- Quantity - The quantity entered is multiplied by the "amount" to obtain the extended charge.
- Spec Serv Cd - Enter a valid code. The code and associated description is transmitted in the ALC segment.
 - ABG Tooling charge
 - ABK Miscellaneous
 - ABL Additional packaging
 - ABO Air freight transportation
 - ACC Miscellaneous setting costs
 - ACD Minimum amount costs for quantity based surcharges
 - ACF Miscellaneous treatment
 - ACJ Painting
 - ACK Polishing
 - ACN Miscellaneous other charges
 - ACS Fitting
 - ACU Standard surcharge
 - ACX Ocean Freight Charges
 - AED Handling of hazardous cargo
 - AEV Environmental protection services
 - DL Delivery
 - FAC Freight extraordinary handling
 - FC Freight Services

HD	Handling
IAA	Installation
LAA	Labour
NAA	Non-returnable containers
PC	Packaging
RAD	Returnable Container
SAD	Special Packaging
SH	Special Handling
TX	Tax
314	Core Surcharge
316	Rework surcharge (global)
332	Stocking surcharge

File Setup

Destination Master File

In the Destination Master File, set the Print Invoices and Create Invoices flags to "Y" as shown below.

```

SCD6300B                MAINTAIN DESTINATION MASTER FILE

Company Number ..... 01    TEST COMPANY
Destination Number ..... 400
Name 1 ..... VOLVO TRUCK EDIFACT    FOB .....
Name 2 .....                Distributor Code ..
Address 1 .. 11111 INDUSTRIAL DR    Ford Dest Code .....
Address 2 ..                ASN/DESADV (B/C/N/O/V/Y) C
Address 3 ..                GM Msg/Temp Msg Code ... /
City/State . ANYTOWN          PA    GM Std Loc/Ford Rt Cd 2.
Zip Code ... 12345            Carrier/Frt Fwd Pref.... 110 /
Country .... US              Route Code / HMRS (Y/N).
                                Honda Destination .....
Arrival/Ship Dates (A/S) ..... S    Supplier Type (P/S) ....
Delivery Travel Time (Hrs/Min)        ASN Unit of Measure .... EA
Delivery Travel Time (Days) ..        JIT Location (Y/N) .....
                                Bar Code Verif (Y/N/C/S)
    Available Ship Days (X = Select)
S    M    T    W    H    F    S    Print Invoices (Y/N) ... Y
                                Create Invoices (Y/N) .. Y
Names:                            Payment Type: Coll  PP X PPI  Oth
                                Alt. Description...
F1=Help  F10=Delete  F12=Return    Dealer Code .....
                                Cat Europe Ult Dest ....
    
```

Machine Readable File

In the Destination Abbreviation Record of the Machine Readable File, set the Electronic Invoices flag to "Y" as shown below.

DESTINATION ABBREVIATION RECORD			
Company Number	01		
OEM Code	WF		
Identification Number	4321		
Dock Location			
Destination Abbreviation	WFCUST		
Destination Description			
P O Destination	000000000		
ERS Destination		(Y/N)	
OEM Consideration		(Y/N)	
Electronic Invoices	Y	(Y/N)	
Line Set	N	(Y/N)	
Clear By Destination	N	(Y/N)	
Type of FBO		(M/S)	
Chrysler PAB/Non-PAB Combine.		(Y/N)	
Send Prev CUM on ASN/DESADV .	N	(Y/N)	
Exclude from APNAT calc	N	(Y/N)	
Place on Credit Hold		(Y/N)	
Ship Direct		(Y/N)	

How to Use This Document

This document provides information regarding unique instructions required to implement this trading partner's unique business practices. Check the chapters in AutoRelease that describe the common functions and procedures performed by all trading partners, such as the daily procedures, security, ASN options, etc.

General Information

The general information section of this document describes transaction sets and versions, how they apply to this trading partner and other miscellaneous information.

Security

The security section of the document explains the Advanced Communication Module (ACM).

Implementation

The trading partner documents provide information that may be pertinent only to this trading partner. The implementation section covers master file entry that is unique to this trading partner. However, all required master files must be entered according to the instructions in the "AutoRelease User's Manual."

Files and fields that are unique for all trading partners include the Identification Code File, Trading Partnership File, model year, Requirement Master clear flags and CUM required prior.

VL0 Menu

Traditionally coded trading partners use a VL0xx menu (where xx is the OEM code) to perform daily procedures (from the "Receive" through the "Process"). Many of the options on the VL0 menus are identical from trading partner to trading partner. Those options are explained one time only in the AutoRelease Manual.

Daily Procedures	Describes the Receive, Split, Breakdown, Print, Process, and Transmit 997
Security	Describes all security selection and maintenance options and VAN menus

The VL0 section of each trading partner document illustrates the menu for this specific trading partner, but describes ONLY exceptions and unique business practices such as:

- The print method (mandatory or optional) is identified.
- Special processing for a common option for this specific OEM is identified.
- Fields that print on the edit list but are not processed are identified.
- Options that are not commonly used by other trading partners are described in detail.

A complete description of the common options can be found in the Daily Procedures chapter of AutoRelease.

ASN/DESADVs

Traditionally coded trading partners use a VL8xx menu (where “xx” is the OEM code) to transmit ASNs to the trading partner. Many of the options on the VL8 menus are identical from trading partner to trading partner. Those options are explained one time only in the AutoRelease manual.

ASN (VL8) Options	Describes the standard procedures for transmitting ASNs without bar code.
ASN with Bar Code Options	Describes the standard procedures for transmitting ASNs with bar code.

The VL8 section of each trading partner document illustrates the menu for this specific trading partner, but describes ONLY exceptions and unique business practices such as:

- Valid action codes are identified.
- The ASN Maintenance screen displays with valid field descriptions.
- ASN extract exceptions and special processing relating to ASNs for this specific trading partner are identified.
- Options that are not commonly used by other trading partners are described in detail.

A complete description of the routine options can be found in the ASN (VL8) Options chapter of AutoRelease.

Electronic Invoice Menu

Some traditionally coded trading partners use a VL75xx menu (where xx is the OEM code) to transmit electronic invoices to the trading partner. Many of the options are identical from trading partner to trading partner. Those options are explained one time in the AutoRelease manual.

Electronic Invoices	Describes invoice maintenance, print invoice register, create and transmit, purge, and reactivate transmitted invoices menu options.
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The VL75 section of each trading partner document illustrates the menu for this specific trading partner, but describes ONLY exceptions and unique business practices such as:

- Invoice header screen and valid field descriptions
- Invoice line item screen
- Invoice line item information screen and valid field descriptions
- Miscellaneous charge screen and valid field descriptions
- Options that are not commonly used by other trading partners are described in detail

A complete description of the common options can be found in the Electronic Invoices chapter of AutoRelease.