



Infor Daimler Purchasing Coordination (NP)

Traditional

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets

The Daimler Purchasing Coordination trading partner module supports the following transaction sets:

	X12 <u>Equivalent</u>	EDIFACT <u>Version</u>
▪ DELFOR – Delivery Plan	830	D96A
▪ DESADV – Delivery Notes	856	D96A

All Daimler PC EDIFACT messages are received and sent in the EDIFACT format. However, EDIFACT messages are processed as X12 transaction sets within AutoRelease. They are identified on inquiries and reports as the equivalent transaction set numbers.

The **DELFOR (Delivery Plan)** contains forecast and firm requirements.

The **DESADV (Delivery Notes)** is required to be transmitted for each shipment when the truck leaves the plant. Bar code information is mandatory for Daimler Purchasing Coordination.

Data Field Restrictions

Data fields may not contain any of the following characters:

- : (colon)
- + (plus sign)
- ' (apostrophe)
- ? (question mark)

These characters are used as EDIFACT element separators, sub-element separators, and segment terminators

Security

Communication Method

Daimler Purchasing Coordination 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 Company	
Auto Print Auto Process..... Auto 997..... Days To Archive.....	
F4=Prompt F12=Cancel	

- Auto Print (Y/N) - Enter "Y" if using AutoReceive 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 AutoReceive, 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 for 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 Daimler PC and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Company Number	- xx
OEM Code	- NP
Plant ID	- Supplier ID defined by Daimler PC
OEM ID	- OEM DUNS Number
Corporate ID	- Supplier's DUNS Number
Remit to Duns #	- Not used
Transmission Mode	- T/P T- Test, P-Production
Smart Labels	- Y or N
Pallet Staging	- Y or N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- Y or N
AutoMap	- N

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 Corporate ID

Trading Partnership File

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) after entering the appropriate data in the Identification Code File.

Follow the steps below to complete the Trading Partnership File setup.

1. Press F6 (ADD) from the UNB List screen.
2. Abbreviations may be entered. 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).

Four UNB records are created:

- One DESADV message

Modifications maybe needed to the various message UNB records. Verify the default records created.

5. Press Enter.

UNB Detail Screen

VLD9702P		Maintain Trading Partnership File	
Company Number.....	TE	(A) ISA/ (C) ICS/ (E) Edifact:	E
OEM Code.....	NP		
Supplier ID.....	XXXXXXXXXX		
Customer Abbrv(O).....			
Destination Abbrv(O)....			
EDIFACT Message Type....	DESADV		
User Define Description:	DESADV MESSAGE	Active (Y)/(N):	Y
UNB - Qualifier/Information			
Sender: 01	XXXXXXXXXX	Syntax ID:	UNOA
Receiver: 01	XXXXXXXXXX	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....:	96A	Data Element Separator:	4E
Responsible Agency:	UN	Segment Terminator:	7D
(T)est/(P)roduction:	P	Acknowledgement Requested:	N
F7=Create Infor Defaults F12=Return			

6. Press Enter. EDIFACT Trading Partnership Review screen is display.

7. Select the other messages and verify the default information

Setup is complete.

Enhanced Application Control Record

DESADVs for Daimler (NP) were being created with both NAD+CZ and NAD+VN segments. Daimler has since stated that the NAD+CZ and NAD+VN segments are not to be sent in the DESADV.

Keywords "SKIPNADCZ" and "SKIPNADV" have been added for controlling whether writing the NAD+CZ and NAD+VN segments, respectively, is to be skipped during creation of the DESADV.

Text value Y will cause writing of the segment to be skipped. Text value N will cause the segment to be written.

Keyword: SKIPNADCZ

Description: Do not create NAD+CZ

Valid keys: CO, OEM, Cust, Dest, Other

Entry Fields: Text

Valid Entries: Y N

Keyword: SKIPNADV

Description: Do not create NAD+VN

Valid keys: CO, OEM, Cust, Dest, Other

Entry Fields: Text

Valid Entries: Y N

From the main menu select System Maintenance (option 11), Application Control File Maintenance (option 17), Enhanced Application Control File Maintenance (option 1), Enter the keyword into the position to field and select with a 1.

Find your entry or F6 to add a new entry. Fill in the keys with a value or a wild "**"

Enter the values for the: text

NOTE: Currently all customers with Daimler (NP) require these two segments to be skipped, therefore, the keywords are being released pre-set to 'Y' for NP DESADVs. No additional maintenance is required.

Requirement Master

JTDMAINT2										REQUIREMENT MASTER ENTRY										CHANGE	
Company XX		Customer NP		Part 11111111111111				Destination NP				MY									
Customer Part # 1111111111111111										OEM Code NP											
Supplier Code XXXXXXXXXX										OEM Division ...											
Customer # 999999999										Destination # 9999999											
Commodity Code										Unit of Measure EA											
Controlling Source .										Price Code											
Dock Code										Trailer Capacity ...											
Container Part # ... NPCONTAINER										Package Quantity ...											
MRP					Reports					Clear											
866	862	830	850		866	862	830	X	850	866	862	830	X	850							
Process P.O.s																					
Planner # 0000					Balance Out Code ...					Product Code .											
Weekly Ship Code .					Final Release Code .					Analyst #											
Rack ID																					
User #1 ..					User #2 ..																
User #3 .. .00000																					
Remarks ..																					
F1=Help		F7=OEM Info		F8=REQB		F9=REQC		F10=Delete													
F11=File Maint		F12=Return		F19=Fab/Mtl		F20=Special Process															

It is suggested that clear flags (found in the Requirement Master) be marked as follows:

```
866 862 830 850
-   -   X   -
```

This is subject to change based on the files Daimler Purchasing Coordination transmits to your company. DO NOT select clear flags with X if requirements are transmitted only once for any given transaction set.

Model Year

Daimler PC does not send model year. Therefore, the Requirement and Price Files must be entered leaving the model year field blank.

CUM Required Prior

Daimler PC does send CUM required prior. All values transmitted are actual quantities required.

VL0 Menu

12.0	12/08/XX	MENU: VL0NP	12:21:17
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DAIMLER PURCHASING COORD.
VARIABLE LENGTH TELECOMMUNICATIONS

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

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.

Setting up Menu Option Security within ARS Program Name = VLC0000NP and Record Format = VL0NP

See the How to Use this Document section for organizational details about AutoRelease and trading partner documents.

ASNs

12.0	9/07/XX	MENU: VL8NP	14:17:48

DAIMLER			
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 ASNs 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.

Setting up Menu Option Security within ARS Program Name = VLC8000NP and Record Format = VL8NP

See the How to Use this Document section for organizational details about AutoRelease and trading partner documents.

Bar Code

Note - bar code serial numbers are required on the ASN.

How to Use This Document

This document provides information regarding unique instructions required to implement this trading partner's unique business practices. There is a separate document called "AutoMap Manual" which describes those procedures which apply to all trading partners (NOT unique for each trading partner) such as the daily procedures, job controls, etc.

General Information

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

Security

The security section of the document explains the network(s) used by this trading partner, and specific information about how to create the Trading Partner Cross Reference File.

Implementation

Requirements received via AutoMap are processed into the AutoRelease master files to perform shipping, ASN and invoicing functions. Therefore, enter all master files in the same manner as required when processing data from the AutoRelease menus.

Exception: Special AutoMap processing needs are handled via keywords in AutoMap. Therefore, clear flags and special processing flags (F20) should not be marked.

The entry of each master file is NOT explained in this supplement. Only those that require specific fields marked to accommodate specific business practices for this trading partner are noted.

The master files required during the "Process" from the AutoMap Requirement Display, are the same files that are required when processing from the VL0 menus:

- Machine Readable - Customer and Destination
- Parts Cross Reference
- Requirement Master

These files must be entered to successfully process data into the Requirement and Load Files.

ASNs

All AutoMap trading partners transmit ASNs to the trading partner by using option 3 (ASNs) from the AutoMap menu. The ASN section of each trading partner document describes the ASN cancellation procedure and mandatory ASN fields for a specific trading partner.

A complete description of the common options can be found in the ASN section of the AutoMap manual.

AutoMap Features and Preferences

In AutoMap, keywords are unique for the business practices of the trading partner. This section describes how to access keywords, whether there are optional or conditional keywords for this trading partner, and how to activate and deactivate keywords.

Activate or Deactivate Keywords - Change Error Types (Warning - Terminal)

Keywords activate special processing to accommodate the OEM's practices. To view these keywords:

1. Access the AutoMap Menu.
2. Take the Process Keywords options.
3. Select the trading partner with 7 (keyword options).
4. Keywords are displayed for the selected trading partner.
5. Select the keyword to be changed with 1 (select).

The error maintenance screen displays. The fields that can be changed include:

Error Type - The error type may be W (warning) or T (terminal).

T (terminal) - When the create and transmit ASNs option is taken the ASN records are checked for missing fields that may cause the ASNs to be rejected. If terminal errors are found, (errors that will cause the ASN to be rejected according to OEM specifications) the program ends, the ASN Verification Report prints and a break message is displayed. Terminal errors must be corrected before taking the create and transmit option again.

W (warning) - When the create and transmit ASNs option is taken the ASN data is verified. If only warning errors are found, the ASN Verification Report prints and a break message is displayed that gives the user the option to continue with errors or to cancel. Error Message - The message that is displayed when this error is encountered may be changed.

Active - The keyword may be active (Y) or inactive (N).