



Infor Dana Driveshaft (RI)

AutoMap

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets

The Dana Driveshaft trading partner module supports the following transaction sets:

- | | |
|--------------------------|--------------|
| ▪ 824 Application Advice | Version 4010 |
| ▪ 830 Material Release | Version 2003 |
| ▪ 856 ASN | Version 2003 |

The **824 (Application Advice)** reports errors of the content in the 856 file transmitted to Dana Driveshaft.

The **830 (Material Release)** contains forecast and firm ship requirements.

The **856 (ASN)** is required to be transmitted for each shipment when the truck leaves the plant. Bar code information is mandatory for Dana Driveshaft.

Security

Communication Method

Dana Driveshaft 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
<p>OEM Company Auto Print Auto Process..... Auto 997..... Days To Archive.....</p> <p>F4=Prompt F12=Cancel</p>	

- 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 Dana Driveshaft and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Company Number	- xx
OEM Code	- RI
Plant ID	- Supplier ID defined by Dana Driveshaft
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 F14 (Trading Partnership File (X.12)) 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 Trading Partnership Review screen.
2. Abbreviations may be entered. Press Enter.
3. Enter the code representing data format (A for ISA). Press Enter. The Maintain Trading Partnership File Detail screen is displayed.
4. Press F7 (Infor defaults).
Modifications may be needed to the 856 ISA record. Verify the default record created.

```

VLD9702A                               Maintain Trading Partnership File

Company Number..... CO                (A) ISA/ (C) ICS/ (E) Edifact: A
OEM Code..... RI
Supplier ID..... SUPPLIERID
Customer Abbrv(O).....
Destination Abbrv(O)....

User Define Description: PRODUCTION ASN RECORD

                Qualifier/Information
Authorization:  00                Active (Y)/(N): Y
Security:       00
Sender:         XX    SENDERID
Receiver:       XX    RECEIVERID

                Hexadecimal Code
Control Standards ID:  U          Sub Element Separator:  B0
Version Identifier:   02003       Data Element Separator: 5C
                               Segment Terminator:       A1

Computer Generated ISA Control Number: Y

F7=Update Infor Defaults  F10=GS Level  F12=Return

```

5. Press F10 (GS Level).
Modifications may be needed to the 856 GS records. Verify the default information created.

GS Detail Screen

```
VLD9702E                               Maintain Functional Identifier

Company Number..... CO
OEM Code..... RI
Supplier ID..... SUPPLIERID
Customer Abbrv(O).....
Destination Abbrv(O)....
Transaction Type..... 856

Functional Identifier:      SH                Non Repeating Transaction
Application Sender:        SENDERID           Control Number:      Y
Application Receiver:      RECEIVERID        ST Control#:
Responsible Agency Code:   X
Version/Release/Industry: 002003
(T)est/(P)roduction:      P
Acknowledge Requested:     N

Last Date Used:            0/00/00
Last Time Used:
Number Times Used:
Computer Generated Group Control Number: Y    Processing Option: P
F12=Return                                     P=Print Before Sending
```

6. Press Enter. Functional Identifier Review screen is displayed.
7. Press F12. Maintain Trading Partnership File Review screen is displayed.
8. Press Enter. Trading Partnership File Review screen is displayed.
9. Press F12. Identification Code File screen is displayed.

Setup is complete.

Requirement Master

JTDMAINT2										REQUIREMENT MASTER ENTRY										CHANGE	
Company XX				Customer RI				Part 1111111				Destination RK				MY					
Customer Part # 1111111										OEM Code RI											
Supplier Code XXXXXXXXXXXX										OEM Division ...											
Customer # 999999999										Destination # 9999999											
Commodity Code										Unit of Measure EA											
Controlling Source .										Price Code											
Dock Code										Trailer Capacity ...											
Container Part # ...										Package Quantity ...											
MRP				Reports				Clear													
866	862	830	850	866	862	830	X 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 Dana Driveshaft transmits to your company. DO NOT select clear flags with X if requirements are transmitted only once for any given transaction set.

Model Year

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

CUM Required Prior

Dana Driveshaft does send CUM required prior. All values transmitted are actual quantities required.

VL0 Menu

VLD0000RI1 12.0	8/10/XX	MENU: VL0RI	17:03:01
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DANA DRIVESHAFT
VARIABLE LENGTH TELECOMMUNICATIONS

1. Receive Data

2. Split Network Data Into OEM Files

3. Breakdown Data

4. Print Requirements (830)

5. Process Requirements (830)

8. Application Advice Menu (824)

23. Return to V/L Telecommunication

24. Return to Main Men

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.

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

VL44 Menu

12.0	8/10/XX	MENU: VL44RI	17:10:55

DANA DRIVESHAFT			
APPLICATION ADVICE MENU			

1. Display Application Advice			
2. List Application Advice			
3. Purge Application Advice			
23. Return to V/L Communications Menu			
24. Return to Main Menu			
Option ____			

Application Advice (824) Menu Overview

(Option 8 on the VL0 menu)

The Application Advice menu (VL44RI) is used to display, list, and purge the Application Advice (824) file received from Dana Driveshaft. The Application Advice reports errors of content in the file received from Dana Driveshaft and indicates if the transmission was accepted with errors or rejected. When the data are no longer current, they may be purged.

The Transaction Sets Received Audit Report, which is printed during the Breakdown, identifies the transaction sets received by each company. During the Breakdown, all data received in the 824 file are placed in the universal Application Advice files VPX824A - VPX824H.

ASNs

VLD0000RI1 12.0	9/07/XX	MENU: VL0RI	15:26:22

DANA DRIVESHAFT			
VARIABLE LENGTH TELECOMMUNICATIONS			

1. Receive Data			
2. Split Network Data Into OEM Files			
3. Breakdown Data			
4. Print Requirements (830)			
5. Process Requirements (830)			
8. Application Advice Menu (824)			
23. Return to V/L Telecommunication			
24. Return to Main Men			
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.

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

Bar Code

Note that 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).