



Infor Superspec ASN and Electronic Invoice (BK)

Traditional

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transactions

The Superspec ASN and Electronic Invoice module allows for duplication of ASNs and sending multiple OEM Electronic Invoices for the following OEMs:

- BK – Bosch Braking System
- GF – GM Hamtramck
- GO – GM SPO
- FF – TRW
- AJ – American Axle
- RO – Robert Bosch UA
- PB – PBR Columbia

Bar Code Requirements

The Superspec module can be configured to use bar code based on the multiple OEM requirements. The standard AIAG bar code label (B-10) is used.

Security

Communication Method

Superspec 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 Auto Receive 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 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 the multiple OEMs and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

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.

Note: An Identification Code File entry must be setup for each of the OEMs in the module pointing to the BK OEM code.

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

Note: A Trading Partnership File entry must be setup for each of the OEMs in the module pointing to the BK OEM code for the ASN/856 and Electronic Invoice/810 transactions.

Machine Readable Destination File

Set up an additional abbreviation record for OEM "BK" (Bosch) using the information from each of the OEMs for the module. Enter a Destination Machine Readable Record with a unique abbreviation. Note that the Destination Abbreviation value entered for Bosch must match the value entered for each of the OEMs (GF, GO, FF, AJ, RO, PB).

Destination Master File

For all requirements that are shipped to GM Hamtramck (GF) and GM SPO (GO), set the GM Msg in the Destination Master to the specific OEM code and set the GM Temp Msg Code to the OEM code of "BK".

Requirement Master – OEM Division

Set up an additional Requirement Master of OEM "BK" for GM Hamtramck (GF) and GM SPO (GO). Enter "CHRYPOR" in the OEM Division field.

VL75 Menu

VLD7500BK1 12.0	12/11/XX -----	MENU: VL75BK	08:16:31

SUPERSPEC			
ELECTRONIC INVOICING			

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			

Electronic Invoices Overview

Destinations requiring an electronic invoice must be identified in the Machine Readable Destination File by marking a "Y" in the Electronic Invoice field. An Invoice file is created from the Shipping file, during the Extract or when invoices are manually entered from the Invoice Processing Menu. The Print and Process Invoices option on the Invoice Processing Menu must be taken to create an Electronic Invoice file. If no hard-copy invoices are required, mark "N" in the Print Invoices field in the Destination File. No electronic invoice is created from non-release shipping records.

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.

ASNs

When Shippers for GM Hamtramck (GF) and GM SPO (GO) are extracted, the ASN for Bosch Braking (BK) will be automatically generated. The ASNs will then be available from option 3 from the AutoMap menu. Perform the normal steps involved with generating and transmitting an ASN for an AutoMap OEM.

When shippers for TRW (FF), American Axle (AJ), Robert Bosch (RO) and PBR Columbia (PB) are Extracted, the ASN will appear in the AutoMap ASN option 3 from the AutoMap menu. When the ASN is created, the process will prompt the user for which OEM to create a duplicated ASN. The duplicated ASN will be transmitted on setup for the Bosch Braking.

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 / DESADV 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 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
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Security	Describes all security selection and maintenance options and VAN menus
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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.

ASNs/DESADVs

Traditionally coded trading partners use a VL8xx menu (where “xx” is the OEM code) to transmit ASNs / DESADVs 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/DESADV (VL8) Options	Describes the standard procedures for transmitting ASNs/DESADVs without bar code.
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ASN/DESADV with Bar Code Options	Describes the standard procedures for transmitting ASNs/DESADVs with bar code.
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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/DESADV Maintenance screen displays with valid field descriptions.
- ASN/DESADV extract exceptions and special processing relating to ASNs/DESADV 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/DESADV (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.