



Infor Robert Bosch UA (RO)

AutoMap

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Contents

- Contents..... 3**
- Table of Changes 4**
- General Information 5**
- Security 6**
- Security 7**
- Implementation..... 8**
- ASNs..... 10**
 - Flags/Codes Screen 10
 - ID Numbers Screen..... 10
 - ASN Detail Maintenance Screen 10
- How to Use This Document..... 11**

Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The Robert Bosch UA module supports the following transaction sets:

- 830 Material Release Version 4010
- 850 Purchase Order Version 3040
- 856 ASN Version 4010
- 997 Functional Acknowledgement Version 3040

The **830 (Material Release)** contains the daily release schedule.

The **850 (Purchase Order)** contains daily release schedules.

The **856 (ASN)** is required to be transmitted for each shipment, before the product arrives at the warehouse. Robert Bosh UA retrieves advance ship notifications once a day (overnight).

The **997 (Functional Acknowledgement)** is required to be transmitted within the time frame defined by Robert Bosch UA. A 997 is also received to acknowledge the transmitted 856.

Security

Communication Method

Robert Bosch UA 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 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.

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Implementation

Identification Code File

The Identification Code File is used when taking the option to "Split" a file received from Robert Bosch UA and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Company Number	- xx
OEM Code	- RO
Plant ID	- Your DUNS Number
Press Enter to display remaining fields:	
OEM ID	- Robert Bosch UA's DUNS Number plus T (037041076T)
Corporate ID	- Not used by Robert Bosch UA
Remit to Duns #	- Not used by Robert Bosch UA
Transmission Mode	- P
Smart Labels	- N
Pallet Staging	- N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- N
AutoMap	- Y

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

AutoMap - Enter "Y" to place data in the AutoMap files (during the Split).

Master File Entry

The entry of each master file is NOT explained in this document. Only the master files that require unique entry, to accommodate specific business practices for this trading partner are noted.

Model Year

Robert Bosch UA does not send model year. Therefore, the Requirement and Price Files must be entered leaving the model year fields blank.

EDI Code File

Robert Bosch UA does not use type or frequency codes. AutoRelease requires type and frequency codes to add or change manual requirements. The system assigns type C (firm) and frequency D (daily) to the requirements. Enter CD in the EDI Code File.

Requirement File - Clear Flags

The requirement master clear flags should not be marked. Keywords are used to determine what to clear based on purpose codes.

CUM Required Prior

Robert Bosch UA does not send CUM required prior. Therefore, it must be entered manually before going live. The CUM required prior is used to calculate ahead and behind figures and to round to package quantity. Enter the CUM required prior when entering a Robert Bosch UA manual requirement or while testing. To enter, access the Manual Requirements Entry screen and select a part or press F5.

ASNs

ASN Cancellation Procedure

Contact the planner at Robert Bosch UA and have them manually make the changes.

Mandatory Fields

ASN Header Maintenance Screen

- Shipper # - Transmitted in the BSN 02 and REF 02.
- ASN Purpose - Transmitted in the BSN 01. Valid codes include:
O Original 00
- Ship Date - Transmitted in the DTM 03.
- Ship Time - Transmitted in the BSN 04 and DTM 03.

Flags/Codes Screen

- ASN Codes - "V" for variable length without bar code verification.

ID Numbers Screen

- Supplier ID - Transmitted in the N1 04.

Reference Numbers Screen

- BOL - Transmitted in the REF 02.

ASN Detail Maintenance Screen

- Cust Part # - Transmitted in the LIN 03.
- Ship Qty - Transmitted in the SN1 02 or CTT 02.
- Ship Gross - Transmitted in the MEA 03.
- CUM Shipped - Transmitted in the SN1 04.
- ASN Unit/Mea - Transmitted in the SN1 03.

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).