Infor Benteler Automotive (BY)

AutoMap

Publication Information

Release: Infor Benteler Automotive

Publication date: April 2018

Contents

Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The Benteler Automotive module supports the following transaction sets:

- 830   Material Release   Version 4010
- 856   ASN   Version 4010
- 862   Shipping Schedule   Version 4010
- 997   Functional Acknowledgement   Version 4010
- 997   Functional Acknowledgement   Version 4010 (inbound)

The **830 (Material Release)** is used for planning.

The **856 (ASN)** is required to be transmitted for each shipment, within 1 hour from when the truck leaves the plant.

The **862 (Shipping Schedule)** are firm ship requirements.

The **997 (Functional Acknowledgement)** is received to acknowledge the transmitted 856. Benteler Automotive will send the 997, within 10 minutes after receiving the 856.

Miscellaneous Information

Note the following:

- Benteler Automotive's emergency orders are handled via EDI, fax or telephone.
- Returnable containers print on the shipper as separate line items.
- The supplier is paid from a paper invoice.

Security

Communication Method

Benteler Automotive 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.

When establishing a trading partnership with a VAN or direct, the following data is required in your User Profile:

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 Auto-Receive 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.

Implementation

Identification Code File

The Identification Code File is used when taking the options to "Split" a file received from Benteler Automotive, and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

```
Company Number               - xx
OEM Code                     - BF
Plant ID                     - Mutually-defined plant ID*

OEM ID                       - Benteler's DUNS Number (112836044)
Corporate ID                 - Not used by Benteler Automotive
Remit to Duns Number         - Not used by Benteler Automotive
VAT Code                     - Tax ID
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 and OEM ID.

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

* Benteler Automotive's business practices may be inconsistent from supplier to supplier depending on how the supplier is identified by the VAN. For example, the Plant ID may be a DUNS number for one supplier and another code for another supplier.

Ship-To Destinations

Plant	Destination	Plant Code	DUNS Number
Benteler Automotive Corporation	Grand Rapids, MI	0440	112836044
Benteler Hall Street Plant	Grand Rapids, MI	0442	006012231
Benteler Clay Avenue Plant	Grand Rapids, MI	0444	847737590
Benteler Hagen Drive Plant	Grand Rapids, MI	0443	112827779
Benteler Kalamazoo Plant	Galesburg, MI	0445	603857152
Benteler Goshen Plant	Goshen, IN	0446	621201045
Benteler Fort Wayne	Fort Wayne, IN	0447	603255639

Master File Entry for Benteler Automotive

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

Benteler Automotive does not send model year. Therefore, the Requirement and Price Files must be entered leaving the model year fields blank.

EDI Code File

830 Type Codes
- D Planning

830 Frequency Codes
- W Weekly

862 Type Codes
- C Firm

862 Frequency Codes
- D Discrete

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.

Requirement Master

The four character ship to description must be entered in the "Remarks" field in the Requirement Master. Valid descriptions are:

Ship to	Description
42	HALL
43	HAGN
44	CLAY
45	KZOO
46	GSHN
47	FTWN
49	OPIL
52	SPTN
70	WIND
71	BRAM
85	HERM

CUM Required Prior

Benteler Automotive does not send CUM Required Prior. They send CUM Received, which is placed in the CUM Required Prior field. Therefore, it is not necessary to enter it manually before going live. The CUM Received that is transmitted overlays what was entered manually.

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 Benteler Automotive manual requirement or while testing. To enter, access the Manual Requirements Entry screen and either select a part or press F5.

ASNs

ASN Cancellation Procedure

Benteler does not have an ASN cancellation procedure.

Mandatory Fields

ASN Header Maintenance Screen

```
                        ASN HEADER MAINTENANCE        Record Status: O


 OEM: BY              Shipper #: D12823           ASN Purpose: O


 Company:  KB                     Equipment
 Customer Abbrev:    BARRY           Description:  TE
 Destination Abbrev: BARRY           Initial:
 Dock Code:
 Ship                             Consignee
   Date:  12/13/XX                   Warehouse:
   Time:   8:35:00                   Location:
 Arrival
   Date:   0/00/00                SCAC
   Time:    :00:00                   Pick up Carrier : CTNR
 Time Zone:  ED                      Delivery Carrier: CTNR
                                     Canadian Carrier:
 Conveyance Code:   M
 FOB Destination:   FAYETTEVILLE
 Route:
 Shipping Location:


F3=Exit F4=Flags/Codes F5=ID Numbers F7=Reference# F8=Keys  F9=Status
F12=Return
```


ASN Purpose	-	Transmitted in the BSN 01
		O - Original 00
Equipment Description	-	Transmitted in the TD3 01
Ship Date	-	Transmitted in the DTM 02

Ship Time   -   Transmitted in the DTM 03

Pick up Carrier   -   Transmitted in the TD5 03

Conveyance Code   -   Transmitted in the TD5 04

Reference Numbers Screen

Conveyance Bill   -   Transmitted in the TD3 03

ASN Detail Maintenance Screen

Customer Part Number   -   Transmitted in the LIN 03

Shipment Quantity   -   Transmitted in the SN1 02

ASN Unit/Mea   -   Transmitted in the SN1 03

PO Line #   -   Transmitted in the LIN 07.

ASN Container Review Screen

Container Quantity   -   Transmitted in the TD1 02

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 keywords:

Access the AutoMap Menu.

1. Take the Process Keywords options.
2. Select the trading partner with 7 (keyword options).
3. Keywords are displayed for the selected trading partner.
4. 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).