



Infor Borg Warner (BG)

AutoMap

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## Table of Changes

Changed By	Date	Reason	Update#	Section Changed

## General Information

### Transaction Sets and Versions

The Borg Warner module supports the following transaction sets:

- 830 Material Release Version 4010
- 856 Advanced Shipping Notification Version 4010
- 997 Functional Acknowledgement Version 4010

The **830 (Material Release)** replaces all previous forecast schedules.

The **997 (Functional Acknowledgement)** is required to be transmitted by the supplier within the time frame defined by Borg Warner, usually within one business day.

### Requirement Edit List - Data Printed but Not Processed

Borg Warner transmits data that prints on the Requirement Edit List but is not processed into the requirement and load files. Special Instructions are received in the REF\*L1 segment. Carrier information is transmitted and printed but not processed:

Field Name Shown on

#### Requirement Edit List

#### \*Example

Routing Sequence Code	- Received in TD501 Z
Identification Code	- Received in TD503
FRT (SCAC code)	
Transportation Method Code	- Received in TD504 M
Routing Description	- Received in TD505
Routing Description	

**\*Example:** TD5 \*Z\*\*FRT\*M\* Routing Description

Information about rejected material is printed but not processed:

Cumulative Scrap Qty	-	Received in the SHP03	
		Cumulative Scrap Qty Received	- Received in the SHP04
		Start Date	
		Cumulative Scrap Qty Received	- Received in the SHP06
		End Date	

# Security

## Communication Method

Borg Warner 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.

# Implementation

## Identification Code File

The Identification Code File is used when taking the options to "Split" a file received from Borg Warner. The Identification Code File is used differently by different manufacturers.

Company Number	- xx
OEM Code	- BG
Plant ID	- Your Supplier Code

Press Enter to display remaining fields:

OEM ID	- A mutually-defined number
Corporate ID	- Your DUNS number
Remit to Duns #	- Not used by Borg Warner
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 indicates 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).



## Split by Parts Cross Reference File

Set up a Keyword in Application Control File in order to run "Split by Part Cross Reference for OEM Borg Warner (BG).

Add the record as described below. For more information about adding control records, see Chapter 11 of the AutoRelease Main Manual.

```
CO = **
Application Name = *ALL
Keyword = PXCO#BG
Length = 8
Dec= blank
Infor Data = ENHANCED
```

From the main menu select System Maintenance (Option 11), then Application Control File Maintenance (Option 17).

Enter the following information:

```
APP
Opt CO# Name Keyword
1 ** *ALL PXCO#BG
```

Press Enter and on the next screen enter a Length of "1" and receiver qualifier in the Infor Data area.

```
CO# APP Name Keyword
** *ALL PXCO#BG
Infor Data          Length: 8 Dec:
  1    2    3    4
123456789012345678901234567890123456789012345
ENHANCED
Customer Data      Length:  Dec:
  1    2
12345678901234567890
```

## 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

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

## **EDI Code File**

### **Type Codes**

- C - Firm
- D - Planning

### **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.

## **CUM Required Prior**

Borg Warner does not send CUM Required Prior. They send CUM Received, which processes into the CUM Required Prior field. Therefore, it is not necessary to enter it 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 Borg Warner manual requirement or while testing. To enter, access the Manual Requirements Entry screen and select a part or press F5.

## 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 Advanced Communication Module (ACM).

## 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.

## Create Invoices

Enter "Y" to create a GL/AR file which will be passed through the interface to the ERP package. Also, a hard copy, electronic invoice, or both for each shipper to this destination will be generated. The invoice flags are found in the Destination Master File.

## 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 Trading Partner's practices. To view 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).