



# Infor Subaru of America (SO)

AutoMap

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# Contents

<b>Contents.....</b>	<b>3</b>
<b>Table of Changes .....</b>	<b>4</b>
<b>General Information .....</b>	<b>5</b>
File Archiving / Auto Print and Process .....	6
<b>Implementation.....</b>	<b>7</b>
<b>Security .....</b>	Error! Bookmark not defined.
<b>How to Use This Document.....</b>	<b>11</b>

## Table of Changes

Changed By	Date	Reason	Update#	Section Changed

## General Information

The Subaru of America trading partner allows for communication of Purchase Orders and Functional Acknowledgements between Subaru of America and suppliers. Subaru of America transmits a Purchase Order which is received and processed into AutoRelease. After the Purchase Order is received a Functional Acknowledgement must be transmitted to the OEM.

## Transaction Sets and Versions

The Subaru of America Trading Partner supports the following transaction sets:

- 810      Electronic Invoice                      Version 4010
- 850      Purchase Order                      Version 4010
- 856      Advanced Shipping Notice              Version 4010
- 997      Functional Acknowledgement
- 

The **810 (Electronic Invoice)** contains quantity and price information of products shipped.

The **850 (Purchase Order)** contains firm requirements.

The **856 (Advanced Shipping Notice)** contains quantity, price and expected arrival date of products shipped.

The **997 (Functional Acknowledgement)** contains acknowledgement of received 850.

# Security

## Communication Method

Subaru of America 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 option to "Split" a file received from the OEM and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Company Number	- xx
OEM Code	- SO
Plant ID	- Supplier ID defined by the OEM
OEM ID	- OEM DUNS Number
Corporate ID	- Corporate DUNS Number
Remit to Duns #	- Not used
Transmission Mode	- P
Smart Labels	- N
Pallet Staging	- N
Bar Code File Transfer	- N
Variable Unwrap Print	- Y or N
Automatic print of 997	- Y or 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 for Subaru of America

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.

## Machine Readable Destination File - Electronic Invoices

Electronic Invoices - Enter "Y". Invoice files are created for this destination when the Shipper is Extracted.

### Destination File – Invoices

SCD6300B		MAINTAIN DESTINATION MASTER FILE	
Company Number .....	XX	COMPANY NUMBER	
Destination Number .....	999999999		
Name 1 .....		FOB .....	
Name 2 .....		Distributor Code ..	
Address 1 ..		Ford Dest Code .....	
Address 2 ..		ASN/DESADV (B/C/N/O/V/Y) <b>V</b>	
Address 3 ..		GM Msg/Temp Msg Code ...	/
City/State .		GM Std Loc/Ford Rt Cd 2.	
Zip Code ...		Carrier Preference .....	
Country .....		Route Code / HMRS (Y/N).	
		Honda Destination .....	
Arrival/Ship Dates (A/S) .....		Supplier Type (P/S) ....	
Delivery Travel Time (Hrs/Min)		ASN Unit of Measure ....	EA
Delivery Travel Time (Days) ..		JIT Location (Y/N) .....	
		Bar Code Verif (Y/N/C/S)	
Available Ship Days (X = Select)		<b>Print Invoices (Y/N) ...</b>	<b>N</b>
S    M    T    W    H    F    S		<b>Create Invoices (Y/N) ..</b>	<b>Y</b>
Names:		Payment Type: Coll	PP    PPI    Oth
		Alt. Description...	
		Dealer Code .....	
F1=Help    F10=Delete    F12=Return		Cat Europe Ult Dest ....	

ASN/DESADV	-	Enter "V" to create a variable length ASN without bar code.
Print Invoices	-	Enter "N" if hard copy invoices are not needed or required. Enter "Y" to print hard copy invoices in addition to transmitting the electronic invoice.
Create Invoices	-	Enter "Y" to create a hard copy, electronic invoice, or both for each shipper to this destination.



## Model Year

Subaru of America does not send Model Year on the requirements.

**If no model year is received:** The Requirement and Price Files must be entered with the model year field blank.

## EDI Code File

### Type Codes:

- C - Firm
- D - Discrete

### Frequency Codes:

- D - Daily
- M -Monthly
- W - Weekly

## 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 File – Process P.O.s

Set the Process P.O.s flag to 'Y' to ensure the 850/Purchase Order requirements are processed.

## CUM Required Prior

Subaru of America does not send CUM required prior or CUM received. Therefore, it is necessary to enter a CUM required prior figure manually before going live. The CUM required prior is used to calculate ahead or behind figures and to round to package quantity. If entering a Trading Partner manual requirement or while testing, the CUM required prior may be entered using the option Enter Manual Requirements and either using F5 from the entry screen or it may be entered directly on the header screen.

## Machine Readable Destination File

Set the "Electronic Invoices" flag in the Machine Readable Destination File to "Y" to ensure that Electronic Invoices are created.

## Activate or Deactivate Keywords - Change Error Types (Warning - Terminal)

Keywords activate special processing to accommodate your Trading Partner practices. To view keywords used by your Trading Partner:

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).

# 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).