# Infor Subaru-Isuzu Automotive Inc. (SU)

Traditional

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# Table of Changes

| Changed By | Date | Reason | Update# | Section Changed |
|---|---|---|---|---|
| K. Radtke | 9/14/17 | Keep mapping spooled file | A116030803 | Enhanced Application Control Keyword |
| K. Radtke | 4/30/15 | Added 824 | A114121703 | Transaction Sets and Versions |
| K. Radtke | 4/30/15 | Added 810 | A111120805 | Transaction Sets and Versions |
| K. Radtke | 4/30/15 | Added 820 | A111042802 | Transaction Sets and Versions |
| K. Radtke | 4/30/15 | Added 850 | A109050102 | Transaction Sets and Versions |

# General Information

This document describes Subaru-Isuzu Automotive Inc. (OEM code SU) business practices.

## Affiliated Trading Partners

| Name | OEM Code | Headquartered | Products | Website |
|---|---|---|---|---|
| Subaru-Isuzu Automotive Inc. | SU | Lafayette, IN | Outback, Legacy, Impreza, Forester | www.subaru-isuzu.com |

There are two other affiliated Subaru-Isuzu trading partners: Subaru of America and Isuzu Motors. Each manufacture's different vehicles, is headquartered in a different location, is supported by a separate module, and is identified by a unique OEM code.

| Name | OEM Code | Headquartered | Products | Website |
|---|---|---|---|---|
| Subaru of America, Inc. | SO | Cherry Hill, NJ | Markets Fuji Heavy Industries products (trucks) | www.subaru.com |
| Isuzu Motors Inc. | U | Cerritos, CA | Axiom, Trooper, Rodeo, Rodeo Sport, Vehicross | www.isuzu.com |

## Production and Service Divisions

### Subaru-Isuzu Automotive Production

Subaru-Isuzu Automotive Production has unique business practices. Separate Requirement Masters must be created to distinguish between production parts and service parts. Subaru-Isuzu Automotive Production business practices include the following:

- Transmits requirements on 830s and 862s
- Requires 856
- Requires 997 (inbound and outbound)
- No model year

### Subaru-Isuzu Automotive Service

Subaru-Isuzu Automotive Service has unique business practices. Separate requirement masters must be created to distinguish between production parts and service parts. Subaru-Isuzu Automotive Service business practices include the following:

- Transmits requirements on 862s
- Requires 997s (outbound)
- Model year used to indicate service parts

# Transaction Sets and Versions

## Subaru-Isuzu Automotive Production

The Subaru-Isuzu Automotive (production) module supports the following transaction sets:

- 810 Electronic Invoice Version 4010
- 820 Remittance Advice Version 4010
- 824 Application Advice Version 4010
- 830 Material Release Version 4010
- 850 Purchase Order Version 4010
- 856 ASN Version Version 4010
- 862 Shipping Schedule Version 4010
- 997 Functional Acknowledgement Version 4010

The 810 (Electronic Invoice) is required to be transmitted to Subaru.

The 820 (Remittance Advice) is issued when a check is issued indicating the payment amount and the invoice data supporting this payment.

The 824 (Application Advice) is sent by Subaru to the supplier to convey an error, rejection or approval.

The 830 (Material Release) contains planning requirements.

The 856 (ASN) is required to be transmitted for each shipment when the truck leaves the plant. The supplier is paid from the ASN.

The 862 (Shipping Schedule) contains firm ship requirements.

The 997 (Functional Acknowledgement) is required to be transmitted to acknowledge the received 830s and 862s, within the time frame defined by Subaru-Isuzu Automotive. A 997 is also received to acknowledge the transmitted 856.

## Subaru-Isuzu Automotive Service

The Subaru-Isuzu Automotive (service) module supports the following transaction sets:

- 810 Electronic Invoice 4010
- 820 Remittance Advice 4010
- 824 Application Advice 4010
- 850 Purchase Order 4010
- 856 ASN Version 4010
- 862 Shipping Schedule Version 4010
- 997 Functional Acknowledgement Version 4010

The 810 (Electronic Invoice) is required to be transmitted to Subaru.

The 820 (Remittance Advice) is issued when a check is issued indicating the payment amount and the invoice data supporting this payment.

The 824 (Application Advice) is sent by Subaru to the supplier to convey an error, rejection or approval.

The 856 (ASN) is required to be transmitted for each shipment when the truck leaves the plant. The supplier is paid from the ASN.

The 862 (Shipping Schedule) contains firm ship requirements.

The 997 (Functional Acknowledgement) is required to be transmitted to acknowledge the received 862s, within the time frame defined by Subaru-Isuzu Automotive Service.

## Miscellaneous Information

Emergency orders are handled via fax.

## Bar Code Requirements

When printing master or mixed labels, and when the ship date on the shipper has been changed in Shipper Maintenance, the labels must be reprinted. They must be printed from the Print Quick Receive Labels option so that the correct ship date is printed on the labels.

## Unlimited Company Processing

The ability to submit up to 500 companies, or “unlimited company processing,” is available for the manual or AutoReceive, Breakdown, Print and Process options. These companies are entered in user profiles. For more information on entering companies in user profiles, see the section “Set Up Security File” in Chapter 11 of the AutoRelease Main Manual.

# Security

## Communication Method

Subaru 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 settings must be established:

| | |
|---|---|
| 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 Auto Receive, 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.

## Additional Required GEIS Parameters

### Receiving

```
Sender ID Qualifier - ZZ
Sender ID - SIA9999
Receiver ID Qualifier - ZZ
Receiver ID - SIAxxxx (Where xxxx is your SIA Supplier code)
```

### Sending

```
Sender ID Qualifier - ZZ
Sender ID - SIAxxxx (Where xxxx is your SIA Supplier code)
Receiver ID Qualifier - ZZ
Receiver ID - SIA9999
```

# Implementation

## Identification Code File

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

```
Company Number - xx
OEM Code - SU
Plant ID - Supplier Code

OEM ID - SIA9999
Corporate ID - SIAxxxx (xxxx is your Supplier Code)
Remit to Duns Number - blank or 01 *
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 - N
```

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.

# Trading Partnership File

The Trading Partnership File is used to enter data 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 its enveloping, users may change the enveloping 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.

Steps to create default values:

1. Press F6 (ADD) from the ISA List Screen.
2. Abbreviations may be entered. Subaru-Isuzu Automotive requires a separate record for each destination. The first record created is a template and is copied and modified to create each required record; and is then deleted. Therefore, it is recommended to leave the customer and destination records blank, at this time.
3. Press Enter.
4. Enter the code representing data format (A for ISA). Press Enter. The ISA Detail Screen displays.
5. Press F7 (Infor defaults).
6. Press Enter. The ISA List displays.

## Initial Record

- One ISA record is created.
- One GS record is created (856).

The ISA defaults are displayed for the ASN record. Modifications are needed to the ISA and GS records.

1. This template record must be copied and modified for each Subaru-Isuzu Automotive destination. Enter a “3” next to the 856 template record to copy.
2. Press Enter.
3. Enter the Customer (optional) and Destination (required) Abbreviations.
4. Press Enter.
5. Select the copied record with “1.”
6. Press Enter. The ISA Detail Screen displays.

**856 ISA Detail Screen**

```
VLD9702A                  Maintain Trading Partnership File

 Company Number.......... KB                (A)ISA/(C)ICS/(E)Edifact: A
 OEM Code................ SU
 Supplier ID............. A25509          X
 Customer Abbrv(O)....... 
 Destination Abbrv(O).... 

 User Define Description: SUBARU 856 & 810

             Qualifier/Information
 Authorization:  00   0000000000            Active (Y)/(N): Y
 Security:       00   0000000000
 Sender:         ZZ   A25509          X
 Receiver:       01   360771422
                                                          Hexadecimal Code
 Control Standards ID:  U                 Sub Element Separator:  7C
 Version Identifier:    00400             Data Element Separator: 5C
                                          Segment Terminator:     15
 Computer Generated ISA Control Number:

F7=Update Infor Defaults  F10=GS Level  F12=Return
```

## Required Changes for the 856 Record

- User-Defined Description - Enter the name of the destination plant.
- Receiver - Enter the DUNs for the Subaru-Isuzu Automotive destination to receive the transmission.
- Press F10 (GS Level). The GS List Screen displays.
- Select the 856 record with “1” to display the GS Detail Screen with the GS Level default data.
- Press Enter.

```
VLD9702E                Maintain Functional Identifier

 Company Number........... KB
 OEM Code................ SU
 Supplier ID............. A25509          X
 Customer Abbrv(O)....... 
 Destination Abbrv(O).... 
 Transaction Type........ 856
                                             Non Repeating Transaction
 Functional Identifier:     SH                   Control Number:
 Application Sender:        A25509          X
 Application Receiver:      360771422         ST Control#:
 Responsible Agency Code:   X
 Version/Release/Industry:  004010
 (T)est/(P)roduction:       P
 Acknowledge Requested:     N

 Last Date Used:             0/00/00
 Last Time Used:
 Number Times Used:                            Processing Option: P
 Computer Generated Group Control Number:      P=Print Before Sending
F12=Return
```

## Required Functional Identifier Record Changes

- Application Receiver - Enter the destination's DUNs number.
- Processing Option - The default is “P” to activate an unwrapped file to be viewed before the transmission. Change to blank if an unwrapped file is not to be viewed before the transmission (optional).
- Press Enter to return to the GS List Screen.
- Repeat steps 7-16 for each destination.
- Press F12 to return to the ISA Detail Screen.
- When all destinations have been entered, delete the template record.

# Enhanced Application Control Record

New Keyword: KEEP_SPLF- Keep the mapping spool file.

To turn on this Keyword: Go in to the "Enhanced Application Control File Maintenance" (from main menu option:11,17,1).
Select the Keyword with a 1.
Select with a 1 the program to override.
Press F2.
Change the "N" to "Y".
This setting will keep the spool file until you change it back to "N".

# CUM Required Prior

Subaru-Isuzu Automotive does not send CUM required prior, so it must be entered manually before going live so the system can include ahead or behind figures in the package quantity. The CUM required prior is entered using the option Enter Manual Requirements. CUM required prior can be entered using F5 from the entry screen, or it may be entered directly on the header screen.

# Subaru-Isuzu Automotive Production

## Production Model Year

Subaru-Isuzu Automotive Production does not send model year. Therefore, the Requirement and Price Files must be entered leaving the Model Year fields blank.

## Production Requirement Master - Clear Flags

Infor suggests that clear flags (found in the Requirement Master) be marked as follows:

```
 866 862 830 850
  _   ?   X   _
```

This is subject to change based on the files Subaru-Isuzu Automotive transmits to your company. Check with your customer for transaction sets marked with “?”.

Note: Do not select clear flags with “X” if requirements are transmitted only once for any given transaction set.

## Production 830/862 Requirement Master

**The 830/862 Requirement Master (Production)**

```
JTDMAINT2                 REQUIREMENT MASTER ENTRY                    CHANGE

 Company KB  Customer SUBARU  Part P87-17110-1L     Destination SUB1    MY

 Customer Part # .... 61264AE00B                     OEM Code ....... SU
 Supplier Code ...... A25509                         OEM Division ...
 Customer # .........       102                  Destination # ......
102
 Commodity Code ..... PART                       Unit of Measure .... EA
 Controlling Source .                            Price Code .........
 Dock Code ..........                            Trailer Capacity ...
 Container Part # ... 100                        Package Quantity ...      50
  _________ MRP _________   _______ Reports _______   ________ Clear ________
  866   862 X 830 X 850     866   862 X 830 X 850     866   862   830 X 850
                               Process P.O.s
  Planner # ........ 0000   Balance Out Code ...      Product Code .
  Weekly Ship Code .        Final Release Code .      Analyst # ....
  Rack ID ..........
  User #1 ..                                   User #2 ..
  User #3 ..           .00000
  Remarks ..
 F1=Help         F7=OEM Info  F8=REQB        F9=REQC       F10=Delete
 F11=File Maint  F12=Return   F19=Fab/Mtl    F20=Special Process
```

The production Requirement Master does not use model year. The model year field is blank.

# Subaru-Isuzu Automotive Service

## Service Model Year

Subaru-Isuzu Automotive service does not send a model year, but Infor uses the Model Year field to differentiate between production and service parts.

Subaru-Isuzu Automotive service parts are sent with "Service Parts Delivery Orders" in the BSS08 segment. If "Service Parts Delivery Orders" is found in the BSS08 segment, AutoRelease places “SRV” in the Model Year field. Therefore, separate Requirement and Price Files must be entered with “SRV” in the Model Year fields that represent service parts.

## Service Requirement Master - Clear Flags

The Requirement Master clear flags are not to be marked for Subaru-Isuzu Automotive Service.

```
 866 862 830 850
  _   _   _   _
```

## Service 830/862 Requirement Master

**The 862 Requirement Master (Service)**

```
JTDMAINT2                 REQUIREMENT MASTER ENTRY                    CHANGE

 Company KB  Customer SUBARU  Part P87-17110-1L   Destination SUB1    MY SRV

 Customer Part # .... 61264AE00B                     OEM Code ....... SU
 Supplier Code ...... A25509                         OEM Division ...
 Customer # .........       102                  Destination # ......
102
 Commodity Code ..... PART                       Unit of Measure .... EA
 Controlling Source .                            Price Code .........
 Dock Code ..........                            Trailer Capacity ...
 Container Part # ... 100                        Package Quantity ...      50
  _________ MRP _________   _______ Reports _______   ________ Clear ________
  866   862 X 830 X 850     866   862 X 830 X 850     866   862   830   850
                               Process P.O.s
  Planner # ........ 0000   Balance Out Code ...      Product Code .
  Weekly Ship Code .        Final Release Code .      Analyst # ....
  Rack ID ..........
  User #1 ..                                    User #2 ..
  User #3 ..           .00000
  Remarks ..
 F1=Help         F7=OEM Info  F8=REQB        F9=REQC       F10=Delete
 F11=File Maint  F12=Return   F19=Fab/Mtl    F20=Special Process
```

The Service Requirement Master uses model year. “SRV” is entered in the Model Year field to represent service parts.

## Service Depot Code

The depot code is received in the N1 SU segment in the inbound 862 file. The depot code is used when the supplier has more than one location. The depot code is processed into the Isuzu Depot Code field on the OEM header information screen (F7=OEM Info from the Requirement A record).

# VL0 Menu

```
VLD0000SU1     9/14/XX            MENU: VL0SU           10:07:18
 12.0         ----------------------------------------------------
                                     SUBARU
                       VARIABLE LENGTH TELECOMMUNICATIONS
              ----------------------------------------------------

 1.  Receive Data                          8.  Maintain Network Security
 2.  Split Network Data into OEM files     9.  Network Selection File Maintenance
 3.  Breakdown Variable Data              10.  GEISCO Miscellaneous Menu
 4.  Acknowledge Received Data (997)      11.  Maintain Miscellaneous File
 5.  Print Requirements (830,850,862)     12.  Purchase Order Menu (850)
 6.  Print Acknowledgements (997)         13.  Remittance Advice Menu (820)
 7.  Process Requirements (830,850,862)   14.  Application Advice Menu (824)



             23.  Return to V/L Telecommunications
             24.  Return to Main Menu

                                   Option
```

Many options are identical from trading partner to trading partner. Those options are explained in the AutoRelease Manual. Only options unique to this trading partner, exceptions, or unique business practices are explained in this document.

See the How to Use this Document section for organizational details about AutoRelease and trading partner documents.

## Print Method

Print Method: Mandatory

Subaru-Isuzu Automotive is coded to use the mandatory "Print" method, which affects the Breakdown, Print, and Process options.

## Print Requirements - “Soon to be Obsolete” message

(Option 5 on the VL0 Menu)

Subaru-Isuzu Automotive indicates a build-out part by sending "Soon to be Obsolete" in the LIN segment of the inbound file. The message, "Soon to be Obsolete", is printed on the Requirement Edit List only. A build-out part is a part that will be discontinued. Infor recommends that you do not over ship this part.

# Shift Exception

Subaru-Isuzu Automotive 862 requirements are not removed during the "Shift." These requirements are removed during the ASN "Extract." Also during the "Extract," the 862 CUM shipped is forced into the 862 CUM required prior so that they are equal. This also occurs when a shipping adjustment is made. If the requirement is not shipped complete, the "net," in the Load File, is adjusted by the quantity shipped.

# Bar Code

Subaru (SU) requires a special 8.5x11 paper pallet label under the shrink wrap. In the OEM Setup record for Subaru set following flags to 'Y':

| | |
|---|---|
| 2D labels? | Y (Y/N) |
| Create pallet labels by scanning? | Y (Y/N) |

A screen will come up during scanning asking for the pallet type and the outq. After all the containers have been scanned for the open pallet, press F2=print. This will pop up a screen for review before printing the 8.5x11 paper label.

Review steps:

1) Process in new format requirements

2) Create shipper

3) In Label Print OEM Setup Maintenance F7 (only need to make these changes once)

   a) Set "2D labels?" = Y

   b) Set "Create pallet labels by scanning?" = Y

6) Print labels

7) Scan container

8) Fill into the pop-up M or X for type and the outq for printing the new pallet label.

9) When finish with the pallet, press F2.

10) Review/correct any information on the printing pop-up

11) Repeat for each pallet.

Note: There is no pallet serial number needed on the label or in the ASN.

If an attempt to print the Master/Pallet label within AutoScan, the following error message will be generated: **Two-Dimensional Master/Mixed labels should be printed during Scan to** Verify (see example below). Container labels must be printed from within AutoScan.

```
RSDBP1200A                  Label Print Selection                    2/21/XX
KARENR             Print Container Labels from Shippers             08:24:02


Company: KB  OEM Code: SU  Cust:         Dest:
From Shipper: 113271  thru   113271


Type options, press Enter.                                   Internal Part#
2=Detail  6=Print  7=Group Format               Position To:
10=Ovride Pntr.  11=Container Consolidation     OUTQ/IPadr:  BCZM400
                                                                      Qty on
  Opt Internal Part#    Date   Time  Shipper/Inv#    Label Format     Label
  8   623006003        2/21/XX       113271          SUC02             50


                                  Default Printer: ARTFORM
F4=Prompt for Label Format   F7=Display Selec. Criteria   F8=Additional Info
F12=Return   F13=Fast Exit   F21=Print all    F15=Sort Cust/Dest
Two-Dimensional Master/Mixed labels should be printed during Scan to Verify
```

During scan to verify, a similar message to the following will appear on the scanner:

```
Print Temp PALLET
Sheet on LABEL or
8.5x11 Paper
___L/P
OUTQ
LPT1:
F3=Exit
```

To complete the pallet scan, take option F2:

```
Bar Code Verify
SHIPPER NUMBER 113271




QTY SHP  QTY REM
      50
Scans:   1 F4=Shippers
F2=Complete Pallet
F3=Exit
```

The following will appear next on the scanner:

```
TEMPORARY PALLET SHEET
SHIPPER: 113271
MASTER SERIAL#:
SU20000052
CUSTOMER PART#:
623006003
KANBAN#:
T123
PRINT: Y
```

This completes the scanning process.

When taking the option to Print shippers, the following screen will appear:

```
KARENR                  Subaru Cover Sheet Label Print            2/21/XX
VLD1909SU                                                        08:42:05



    Company ..............................  KB

    OEM ..................................  SU

    Default Printer ......................

    Customer Abbreviation ................          (O)

    Destination Abbreviation .............          (O)


            Print PALLET LABELS and PALLET MANIFEST? Y (Y/N)
   The printing of pallet labels and manifest should be done after
   no more changes are needed in the shipper and Barcode.
   NOTE: if the ship date changes, all pallet labels and manifest
   have to be reprinted and applied to all the pallets. This is true
    for any barcode changes too.

F4=Prompt for OEM Setup File Records   F12=Return
```

The screen will follow:

```
Print Subrau Pallet label
SIA Supplier Infortation
OUTQ: KAREN
Order code: 2015082706  DEST CODE: C00092
SupID: A99900
Shop Code: NTB
S/R Route: S411
Ship Date: 02/21/XX 8:41
SHT Rout: H411
DteTime:
SHT Rout: Z411
DteTime:
INT Cycle:
ConsDteTim:
PLT Code: F12-A
Kanban: T123


F12=CANCEL
```

Complete the scanning process as usual.

# ASNs

```
VLD8000SU1     9/14/XX            MENU: VL8SU           07:53:47
12.0         ----------------------------------------------------
                                    SUBARU
                        ADVANCED SHIPPING NOTIFICATIONS
             ----------------------------------------------------

             1.  Maintain ASNs
             2.  List ASNs
             3.  Create/Transmit ASNs
             4.  Purge ASNs
             5.  Reactivate ASNs



            23.  Return to V/L Advanced Shipping Notifications Menu
            24.  Return to Main Menu

                                  Option
```

Traditionally coded trading partners use a VL8xx menu (where “xx” is the OEM code) to transmit ASNs to the trading partner. Many options are identical from trading partner to trading partner. Those options are explained in the AutoRelease Manual. Only options unique to this trading partner, exceptions, or unique business practices are explained in this document.

See the How to Use this Document section for organizational details about AutoRelease and trading partner documents.

# ASN Maintenance Screen

(Option 1 on the VL8 Menu)

```
VLD810SU1                       ASN MAINTENANCE
  Company KB     Sequence number           OEM SU     ASN V     Action Code O

Shipper # .. 000000           In-House Part #                     U of M ...
Ship Date ..                  Customer Part #
Ship Time ..                  Engr. Level....

Cust Abbrv .                  Plant ID ......
Dest Abbrv .                  Corp ID .......

Dock .......                  Carrier Abbrv ..
                              Dest Carrier ...
Qty Shp.....                  Model Year......
                              Trailer Nbr ....
                              RAN/DON ........
Conv. Code..                  PRO NUMBER......




   F12=Cancel
```

- Company - Displays the company number that was previously entered.
- Sequence Number - Assigned by the system.
- OEM - “SU” for Subaru.
- ASN - Defaults from the Destination File. The ASN code can be changed at shipper entry time. Subaru uses the ASN code “V” for variable length without bar code.
- Action Code - The action code places the corresponding two-digit code in the BSN 01 segment in the ASN file. Valid action codes are the following:
  O - Original 00
  H - Hold Record will not be included in transmission
  T - Transmitted

Many fields on the ASN Screen default from various master files. However, most of them can be changed at shipper entry time.

- Shipper # - Shipper number is assigned by the system when the shipper was created.
- In-House Part # - Internal part number entered in the Parts Cross Reference File.
- U of M - Defaults from ASN Unit of Measure field in the Destination File. It can be changed at shipper entry time.
- Ship Date - Date of shipment in the MM-DD-YY format. Defaults from shipper entry time.

- Customer Part # - Subaru-Isuzu Automotive's part number.
- Ship Time - Time entered at shipper entry time (HHMM) in military format. If no time is entered, the ship time defaults from the system time when the "Extract" option is taken.
- Engr. Level - Engineering change level transmitted by Subaru-Isuzu Automotive. Defaults from the Requirement B record.
- Cust Abbrv - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct customer code in the ASN file.
- Plant ID - Supplier code assigned by Subaru-Isuzu Automotive. This is entered in the Supplier Code field in the Requirement Master and the Plant ID field in the Identification Code File.
- Dest Abbrv - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct destination code in the ASN file.
- Corp ID - Defaults from the Identification Code File. The supplier code entered in the Requirement Master finds a match in the Plant ID field in the Identification Code File and then finds the Corp ID entered there and it defaults to this field.
- Dock - Code representing the dock at the destination location if a dock code was transmitted. Defaults from the Requirement A record. The Destination Abbreviation with the dock code must be entered in the Machine Readable Destination File to transmit the correct destination location code in the ASN file.
- Carrier Abbrv - Carrier Abbreviation (SCAC code), which defaults from the Carrier Abbreviation field in the Carrier File.
- Dest Carrier - Carrier Abbreviation (SCAC code), which defaults from the Delivery Carrier field in the Carrier File.
- Qty Shp - Number of pieces shipped.
- RAN/DON - Subaru-Isuzu Automotive transmits delivery order number (DON), which defaults from the Requirement B record. It can be changed at shipper entry time.
- Conv. Code - Required for service parts only. AIAG standard code that describes the method of conveyance. Defaults from the Carrier File. It can be changed at shipper entry time. Valid codes include the following:
  MP - Motor Package
  Carrier and LT - Less Than Truckload
- Pro Number - Required for service parts only. Supplied by the freight carrier. May be entered on the ASN Maintenance screen or the Update ASN Info screen when the Create/Transmit option is taken.

# 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 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 (AM).

## 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's 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 |
| Security | Describes all security selection and maintenance options and VAN menus |

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

Traditionally coded trading partners use a VL8xx menu (where “xx” is the OEM code) to transmit ASNs 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 (VL8) Options | Describes the standard procedures for transmitting ASNs without bar code. |
| ASN with Bar Code Options | Describes the standard procedures for transmitting ASNs with bar code. |

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 Maintenance screen displays with valid field descriptions.
- ASN extract exceptions and special processing relating to ASNs 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 (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. |

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.