



Infor Total Interior Systems America (IS)

AutoMap

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The Total Interior Systems America module supports the following transaction sets:

- 830 Material Release Version 4010
- 856 ASN Version 4010
- 862 Shipping Schedule Version 4010

The **830 (Material Release)** contains planning and shipping requirements.

The **856 (ASN)** is required to be transmitted for each shipment, within the time frame defined by Total Interior Systems America.

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

The **997 (Functional Acknowledgement)** is not required by Total Interior Systems America. However, the 997 (receive and transmit) has been mapped for the Total Interior Systems America trading partner. See the section "Auto-Transmit Flag for 997" for instructions on turning off the auto-transmit 997 flag.

Bar Code Requirements

Total Interior Systems America requires the use of bar code labels. Labels should be created using the Labels Specifications available on the Total Interior Systems America website.

Shipping Requirements

Part numbers, KANBAN numbers, line order numbers, and release numbers are required on Total Interior Systems America packing slips, invoices, and ASNs.

Direct Suppliers

Direct suppliers must include direct supply manifest numbers on packing slips and ASNs. Direct suppliers must also sort by VIN in shipper entry so that all requirements are selected with the same manifest number. The manifest number is used in the BSN02 of the ASN.

Miscellaneous Information

Emergency orders are handled either by fax or telephone. The supplier is paid from the paper invoice.

Security

Communication Method

Total Interior Systems 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
<p>OEM Company</p> <p>Auto Print Auto Process..... Auto 997..... Days To Archive.....</p> <p>F4=Prompt F12=Cancel</p>	

- 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 Total Interior Systems America and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Company Number	- xx
OEM Code	- IS
Plant ID	- Your DUNS Number

Press Enter to display remaining fields:

OEM ID	- Total Interior Systems America's DUNS Number (021107060)
Corporate ID	- Not used by Total Interior Systems America
Remit to Duns #	- Not used by Total Interior Systems America
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).

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

Total Interior Systems America 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

Frequency Codes

- D - Daily

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

Total Interior Systems America 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.

Direct Sell and Direct Ship Requirements

To process Direct Sell and Direct Ship requirements into separate Requirement Masters, enter the following on the OEM Miscellaneous Information Maintenance screen. Access this screen by choosing option 13 (OEM Miscellaneous Info) from the File Maintenance main menu and then selecting a record:

- In the Direct Supply Contract #- field, enter the Contract Number sent in the BFR segment of the 830 for Direct Supply parts.
- In the Model Year field, enter "DS."

If a match is found between the Contract Number in the 830 EDI file and the Contract Number in the OEM Miscellaneous File, the Model Year is retrieved from the OEM Miscellaneous File. When the 862 file is received, if the REF segment for the Manifest Number has a qualifier of "DS" and the Model Year in the OEM Miscellaneous File is set to "DS," then requirements are processed with a Model Year of "DS."

OEM MISCELLANEOUS INFORMATION MAINTENANCE

Company Number KB
OEM Code IS
Destination Abbrev ...

Model Year		Clear 830s w/ Purpose Codes	
GM Message File		Clear 862s w/ Purpose Codes	
GS ASN/UNH DESADV Ver Lvl.		Combine Daily 866s	(Y/N)
Next Avail Adjust #		Caterpillar Facility Code .	
Use DUNS in ISA/UNB Seg...	(Y/N)	Caterpillar Proprietary ID	
GM DESADV Packaging Info..	(Y/N)	Caterpillar 830 10-10-10...	(Y/N)
Appl Receiver ID		IBM Supplier Code.....	
		Clear Transaction Set including	
GM Invoice Message File...		Purchase Order....	
GM Invoice Location Code..		Clear Transaction Set including	
GM Duns in ISA/UNB Seg....	(Y/N)	Release Number....	
GS/UNH Invoice Ver. Lvl...		Process EDI Dock.....	(Y/N)
		Direct Supply Contract #...	

F1=Help F12=Return

ASNs

Cancellation Procedure

Call Total Interior Systems America to cancel an ASN.

ASN Flags

The Parts and Service flag designates whether the VIN is used in the BSN02. The extract program sets this flag to “Y” for direct supply shipments and “N” for non-direct supply shipments. If manually entering an ASN for a direct shipment, mark this flag “Y.”

Mandatory Fields

ASN Header Maintenance Screen

ASN Purpose	-	Transmitted in the BSN 01. O Original 00
Equipment Description include:	-	Transmitted in the TD3 01. Valid equipment codes TL - Trailer
Ship Date	-	Transmitted in the DTM 02.
SCAC Pick up	-	Transmitted in the TD5 03. Valid SCAC codes include: LCZQ - LCC RYDD - Ryder VASC - Vascor
Time Zone	-	Transmitted in the DTM 04. Valid time codes include: ET - Eastern Time ED - Eastern Daylight Time ES - Eastern Standard Time
Conveyance Code	-	Transmitted in the TD5 04. Valid conveyance codes include: E - Expedited Truck L - Contract Carrier M - Motor CE - Customer Pick-up SR - Supplier Truck

Reference Numbers Screen

Conveyance Bill	-	Transmitted in the TD3 03.
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Bill of Lading - Transmitted in the REF*02.

ASN Detail Maintenance

Cust Part - Transmitted in the LIN 03.

Ship Qty - Transmitted in the SN1 02.

Ship Net - Transmitted in the MEA 03.

Ship Gross - Transmitted in the MEA 03.

ASN Container Review Screen

Container Description - Transmitted in the TD1 01.

Container Quantity - Transmitted in the TD1 02.

ID Numbers Screen

Supplier ID - Transmitted in the N1 04.

Detail Reference Numbers

VIN - Transmitted in the BSN02. Contains the manifest number for direct suppliers. For direct suppliers, the manifest number is sent in place of the shipper number.

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).