



# Infor Johnson Controls Interiors (PR)

Traditional

**Copyright © 2018 Infor**

### **Important Notices**

The material contained in this publication (including any supplementary information) constitutes and contains confidential and proprietary information of Infor.

By gaining access to the attached, you acknowledge and agree that the material (including any modification, translation or adaptation of the material) and all copyright, trade secrets and all other right, title and interest therein, are the sole property of Infor and that you shall not gain right, title or interest in the material (including any modification, translation or adaptation of the material) by virtue of your review thereof other than the non-exclusive right to use the material solely in connection with and the furtherance of your license and use of software made available to your company from Infor pursuant to a separate agreement, the terms of which separate agreement shall govern your use of this material and all supplemental related materials ("Purpose").

In addition, by accessing the enclosed material, you acknowledge and agree that you are required to maintain such material in strict confidence and that your use of such material is limited to the Purpose described above. Although Infor has taken due care to ensure that the material included in this publication is accurate and complete, Infor cannot warrant that the information contained in this publication is complete, does not contain typographical or other errors, or will meet your specific requirements. As such, Infor does not assume and hereby disclaims all liability, consequential or otherwise, for any loss or damage to any person or entity which is caused by or relates to errors or omissions in this publication (including any supplementary information), whether such errors or omissions result from negligence, accident or any other cause.

Without limitation, U.S. export control laws and other applicable export and import laws govern your use of this material and you will neither export or re-export, directly or indirectly, this material nor any related materials or supplemental information in violation of such laws, or use such materials for any purpose prohibited by such laws.

### **Trademark Acknowledgements**

The word and design marks set forth herein are trademarks and/or registered trademarks of Infor and/or related affiliates and subsidiaries. All rights reserved. All other company, product, trade or service names referenced may be registered trademarks or trademarks of their respective owners.

### **Publication Information**

Release: Infor Johnson Controls Interiors

Publication date: July 2018

# Contents

<b>Contents.....</b>	<b>3</b>
<b>Table of Changes .....</b>	<b>4</b>
General Information .....	5
EDIFACT Messages and Versions .....	5
Transaction Sets and Versions .....	5
Data Field Restrictions .....	5
Dock Code .....	5
Time Zone Abbreviation .....	5
Ship-To Locations .....	6
Unlimited Company Processing .....	7
Security .....	8
Implementation.....	9
Identification Code File .....	9
Trading Partnership File.....	10
Destination Abbreviation .....	13
Model Year .....	14
CUM Required Prior.....	14
Requirement File - Clear Flags.....	14
Container File - Returnable Containers .....	14
Toyota Direct Supply Set Up.....	15
VL0 Menu .....	16
Print Method.....	16
Print Requirements (830, DELFOR, DELJIT) .....	16
ASNs .....	17
Maintain ASNs .....	18
General Information .....	21
Security .....	21
Implementation.....	21
VL0 Menu .....	21
ASNs .....	22
Electronic Invoice Menu.....	22

## Table of Changes

Changed By	Date	Reason	Update#	Section Changed
K. Radtke	9/28/15	Toyota YD Set Up	A110012001	General Information

# General Information

## EDIFACT Messages and Versions

The Johnson Controls Interiors module uses three EDIFACT messages, listed below.

<b>EDIFACT Message</b>	<b>Document Name</b>	<b>X12 Equivalent</b>	<b>Version</b>
DELFOR	Delivery Forecast	830	D96A
DELJIT	Delivery Just in Time	862	D96A
Inbound CONTRL	Functional Acknowledgement	997	D96A
Outbound CONTRL	Functional Acknowledgement	997	D96A

Johnson Controls Interiors inbound messages that are received in the EDIFACT format are processed as X12 transaction sets within AutoRelease. They are identified on inquiries and reports as the equivalent transaction set number.

## Transaction Sets and Versions

The Johnson Controls Interiors module supports one transaction set:

- 856 ASN Version 3010

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

## Data Field Restrictions

Data fields may NOT contain any of the following characters:

- : (colon)
- + (plus sign)
- ' (apostrophe)
- ? (question mark)

These characters are used as EDIFACT element separators, sub-element separators and segment terminators.

## Dock Code

Johnson Controls Interiors uses dock codes. The dock code is transmitted on the DELJIT in the segment group 9; LOC segment; component element 3225. A qualifier of 11 with a two-digit code that represents the Johnson Controls Interiors dock is sent.

## Time Zone Abbreviation

The time zone abbreviation defaults from the control file for Johnson Controls Interiors only if it is a standard (not daylight) abbreviation.

- ET - Eastern Standard
- CT - Central Standard
- MT - Mountain Standard
- PT - Pacific Standard

Some OEMs require a different abbreviation during daylight savings time (April to October) than during the rest of the year when they are on standard time.

Johnson Controls Interiors does NOT accept the daylight savings time abbreviations. If the time zone abbreviation is changed in the Control File to accommodate another OEM during the daylight savings time period, the daylight abbreviation will be changed during the "Extract" to the standard abbreviation for Johnson Controls Interiors.

## Ship-To Locations

Plant	DUNS Number	QAD Site
Lakewood	095950184	002
Meadowbrook	933855660	003
Customer Center		004
875 Brooks - Viper	948115282	005
Console	118713197	006
Interior Tech	876636770	007
Maplewood	879973790	008
Door Panels	118713197	009
APG		010
IPSA 011	812322212	011
Process Center	948114806	012
Tech Center		014
Beechwood	879828879	015
Cottonwood	960624948	016
People Center	948114806	017
C.A.M.P.		018
Zeeland Facility	013981449	022
Toledo, Ohio		023
New Castle 600 Delaware	060748782	024

Sterling Heights	059090964	025
New Castle 800 Delaware	027055560	030
Oshawa, Canada	031186039	032
JCIC Rochester Hills		033
Auburn Hills, MI	782468060	034
Battle Creek, MI	968343475	035
Nashville, Tennessee		036
Puebla, Mexico		037
Warren Integration - GM	058287827	038
Windsor, Canada		039
St. Mary's Canada (INNO)		040
Trimquest Walker, MI	043658140	041
Glasgow, Kentucky	070496190	042
Queretaro, Mexico	812504074	043
Ramos, Mexico	812509305	0593
Southview Visor	118740240	0605
Prince Corporate	006545438	999
JCL	031186039	

## 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

Johnson Controls Interiors 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 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.

# Implementation

## Identification Code File

The Identification Code File is used when taking the options to "Split" and "Breakdown" a file received from Johnson Controls Interiors and also when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

```
Company Number - xx
OEM Code - PR
Plant ID - Supplier Code or Your DUNS Number *

OEM ID - Johnson Controls Interiors's DUNS Number
(006545438)
Corporate ID - Not used by Johnson Controls Interiors**
Remit to Duns Number - Not used by Johnson Controls Interiors
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.

\* Trading partner business practices may be inconsistent from supplier to supplier. For example, the Plant ID may be a DUNS number for one supplier and another code for another supplier. Suppliers for Johnson Controls Interiors use either their DUNS number or their supplier code with the appropriate qualifier depending on their contract with Johnson Controls Interiors.

- If a supplier code is used the qualifier must be ZZ.

- If a DUNS number is used the qualifier must be 01.

\*\*Some locations require that the supplier DUNS is sent back on the 856 in the N1\*SF and N1\*SU segments instead of the Plant ID. For these suppliers, enter the DUNS number for the corresponding Plant ID in the Corporate ID field of the Identification Code File. When the ASN create program runs, the value in the Corporate ID field is used for the N1\*SF and N1\*SU segments. If the Corporate ID field is blank, the Plant ID is used for the segment.

## Trading Partnership File

Machine Readable records MUST be entered BEFORE the trading partnership records can be created, because destinations are validated.

The Trading Partnership File is used to enter data to be 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 their enveloping, the change may be made, by the user, 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. Johnson Controls Interiors 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 then deleted. Therefore, it is recommended to leave the customer and destination records blank, at this time. Press Enter.
3. Enter the code representing data format (A for ISA). Press Enter. The ISA Detail Screen is displayed.
4. Press F7 (Infor defaults).

Two ISA records are created (test and production ASNs).

Two GS records are created on for each ISA record (test and production 856).

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

Press Enter. The ISA List is displayed.

## Test Record

To transmit a test record, access the Production ASN Record, on the ISA Detail screen change the "Active (Y)/(N)" field to N. Press Enter. (PRIN PRIN070 is transmitted as the receiver ID).

Access the Test ASN Record, on the ISA Detail screen change the "Active (Y)/(N)" field to Y. Press Enter.

Steps 5-6 must be repeated for each transaction set and destination combination.

1. This template record must be copied and modified for each Johnson Controls Interiors destination.

Enter 3 next to the template record to copy. Press Enter. Enter the Customer (optional) and Destination (required) Abbreviations. Press Enter.

Select the copied record with "1." Press Enter. The ISA Detail Screen is displayed.

**ISA Detail Screen**

VLD9702A	Maintain Trading Partnership File	
Company Number.....	KB	(A) ISA/ (C) ICS/ (E) Edifact: A
OEM Code.....	PR	
Supplier ID.....	785635376X	
Customer Abbrv(O).....		
Destination Abbrv(O)....		
User Define Description: PRODUCTION ASN RECORD		
Qualifier/Information		
Authorization:	00	Active (Y)/(N): Y
Security:	00	
Sender:	01 785635376X	
Receiver:	ZZ PRIN PRIN010	
Hexadecimal Code		
Control Standards ID:	U	Sub Element Separator: 4C
Version Identifier:	00200	Data Element Separator: A1
		Segment Terminator: 15
Computer Generated ISA Control Number:		
F7=Update Infor Defaults F10=GS Level F12=Return		

**Required Changes:**

User Defined Description - Enter the name of the destination plant.

Receiver - If sending the ASN to a country other than the US the Receiver ID must be changed.  
Valid Receiver IDs include:

Canada - PRIN PRIN009  
Mexico - PRIN PRIN011  
US - PRIN PRIN010

**Test Record**

Access the Production ASN Record, change the "Active (Y)/(N)" field to "N." Press Enter. Access the Test ASN Record, change the "Active (Y)/(N)" field to "Y." Press Enter.

1. Press F10 (GS Level). The GS List Screen is displayed.

Select the 856 record with "1" to display the GS Detail Screen with the GS Level default data. Press Enter.

**GS Detail Screen**

```
VLD9702E                               Maintain Functional Identifier

Company Number..... KB
OEM Code..... PR
Supplier ID..... 785635376X
Customer Abbrv(O).....
Destination Abbrv(O)....
Transaction Type..... 856

Functional Identifier:      SH
Application Sender:        785635376X
Application Receiver:      PRIN010
Responsible Agency Code:   X
Version/Release/Industry: 003010
(T)est/(P)roduction:      P
Acknowledge Requested:     N

Non Repeating Transaction
Control Number:

ST Control#:

Last Date Used:           0/00/00
Last Time Used:
Number Times Used:
Computer Generated Group Control Number:
F12=Return

Processing Option: P
P=Print Before Sending
```

**Required Changes**

Application Receiver - If sending the ASN to a country other than the US the Receiver ID must be changed. Valid Receiver IDs include:

Canada - PRIN009  
Mexico - PRIN011  
US - PRIN010

Processing Option - The default is blank. An unwrapped file is not to be viewed before the transmission.

Or

Change to "P" to activate an unwrapped file to be viewed before the transmission. (Optional).

Repeat steps 5-6 for each destination.

When all destinations have been entered, delete the template record.

Press Enter to return to the GS List Screen.

Press F12 to return to the ISA Detail Screen.

## Destination Abbreviation

DESTINATION ABBREVIATION RECORD	
Company Number .....	KB
OEM Code .....	PR
Identification Number .....	12345
Dock Location .....	
Destination Abbreviation ....	
Destination Description .....	
P O Destination .....	000000000
ERS Destination .....	(Y/N)
<b>OEM Consideration .....</b>	<b>(A)=Allow blank Dock</b>
Electronic Invoices .....	N (Y/N)
Line Set .....	N (Y/N)
Clear By Destination .....	N (Y/N)
Type of FBO .....	(M/S)
Chrysler PAB/Non-PAB Combine.	(Y/N)
Send Prev CUM on ASN/DESADV .	N (Y/N)
Exclude from APNAT calc .....	N (Y/N)
Place on Credit Hold .....	(Y/N)
Ship Direct .....	(Y/N)

The dock code is required on the ASN and a terminal error message will stop the process.

A = Allow a blank DOCK code to flow through the ASN processing.

## Retrieve Company Number from Parts Cross Reference File

The Application Control record "PXCO#xx" may be entered to retrieve the company number from the Parts Cross Reference File instead of the Identification Code File, if the following are applicable:

- A Johnson Controls Interiors supplier has only one DUNS/Supplier ID representing multiple plants.
- Each plant ships unique parts.
- Each plant is entered as a separate company.
- All companies use the same Customer and Destination Abbreviations.

The Parts Cross Reference Company Retrieval report is printed when the Breakdown option is taken. This report lists company numbers and the associated customer part numbers found in the Parts Cross Reference File. Add the "PXCO#xx" control record as shown below, where "xx" is the OEM code. For more information about adding control records, see Chapter 11 of the AutoRelease Main Manual.

Application Name: \*ALL  
Keyword: PXCO#xx  
Length: 1  
Decimal: Blank  
Infor Data: Y

## Model Year

Johnson Controls Interiors does not send model year. Therefore, the Requirement and Price Files must be entered leaving the model year field blank.

## CUM Required Prior

Johnson Controls Interiors 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 a CUM required figure manually before going live. The CUM received that is transmitted overlays what was entered manually.

The figure in the CUM required prior field is used to calculate ahead or behind figures and to round to package quantity. Therefore, it may be necessary to enter the CUM required prior (or CUM received) if entering a Johnson Controls Interiors manual requirement or while testing. This may be accomplished using the option Enter Manual Requirements and either using F5 from the entry screen or it may be entered directly on the header screen.

## Requirement File - Clear Flags

Johnson Controls Interiors sends a replacement schedule, which means all quantities for each part/ship-to combination is sent. If a part is not included in a release, the requirements from the previous release still apply. Therefore, the clear flags are to be marked.

866	862	830	850
—	X	X	—

This is subject to change based on the files Johnson Controls Interiors transmits to your company. Do not select clear flags with X if requirements are transmitted only once for any given transaction set.

## Container File - Returnable Containers

### Returnables as Separate Line

When an OEM requires a returnable container to print as a separate line item on the shipper and transmitted as a separate segment in the ASN file the following entries are required in the Container File:

- Enter "Y" in the Returnable Container field
- Enter "Y" in the Print Ctn on Separate Line field

Note: If the returnable container consists of several components, each component from the Bill of Material file is printed on the shipper if "Y" is marked in the Print Ctn on Separate Line field and "Y" is marked in the Print/Extract BOM field.

## Ship Time

After the part is selected and F5 is pressed on the Parts Detail Screen, the Container Screen is displayed for all containers marked as separate line items. If this container consists of several components, a screen is displayed for each component in the Bill of Material File.

## Returnables Not Requiring a Separate Line

When an OEM does not require a separate line item for returnable containers on the shipper:

- Enter "Y" field in the Returnable Container field.
- Enter "N" in the Print Ctn on a Separate Line field.

## Toyota Direct Supply Set Up

Two Customer and Destination Machine Readable records are required for each customer and destination code. One record for the Johnson Controls Interiors OEM code (PR) and Johnson Controls Interiors IDs. The other record for the Toyota Direct Supply OEM code (YD) and Toyota Direct Supply IDs. Both records should have the same abbreviation.

The Requirement Masters must be for OEM code 'PR' (Johnson Controls Interiors).

Shippers for direct and non-direct parts cannot be combined, so they must be associated with separate Destination Master Records.

If Toyota Direct Supply uses a different part number than Johnson Controls Interiors, the Toyota part number must be entered in the Alt. Part Number field in the Parts Cross Reference Extension File (F9 from Parts Cross Reference Maintenance).

If Toyota Direct Supply requires a Kanban #, it must be entered in the Parts Cross Reference Extension KANBAN/UPC Code field. The Destination Master for direct supply parts must have the following setup: Distributor Code - supplier code as assigned by Toyota. This is required to create the N1\*SU segment correctly and retrieve the correct Identification Code/Trading Partnership record when the ASN is created for Toyota Direct Supply. Ford Dest Code – Johnson Controls Interiors supplier code. This is required to create the PRF segment correctly when the ASN is created for Toyota Direct Supply.

GM Msg/Temp Msg Code - GM Msg - Not used for Johnson Controls Interiors and Toyota Direct Supply. Temp Msg Code - enter 'YD'. This triggers the ASN to be created in the Toyota Direct Supply module in the Toyota format.

Honda Destination - enter the Toyota OEM code to which the direct supply ASN should be sent. Valid values are: 'Y' for Toyota Motor Manufacturing, 'TM' for Toyota Motor Sales and 'TC' for Toyota Canada.

## VL0 Menu

VLD0000PR1	10/20/XX	MENU: VL0PR	12:28:57														
12.0	-----																
JOHNSON CONTROLS INTERIORS																	
VARIABLE LENGTH TELECOMMUNICATIONS MENU																	
-----																	
<table><tr><td>1. Receive Data</td><td>8. Maintain Network Selection</td></tr><tr><td>2. Split Network Data Into OEM Files</td><td>9. Maintain Network Security</td></tr><tr><td>3. Breakdown Data</td><td>10. Maintain Miscellaneous File</td></tr><tr><td>4. Acknowledge Received Data</td><td>11. Commerce Miscellaneous Menu</td></tr><tr><td>5. Print Acknowledgements (CONTRL)</td><td>12. GEISCO Miscellaneous Menu</td></tr><tr><td>6. Print Requirements (830, DELFOR, DELJIT)</td><td></td></tr><tr><td>7. Process Requirements (830, DELFOR, DELJIT)</td><td></td></tr></table>				1. Receive Data	8. Maintain Network Selection	2. Split Network Data Into OEM Files	9. Maintain Network Security	3. Breakdown Data	10. Maintain Miscellaneous File	4. Acknowledge Received Data	11. Commerce Miscellaneous Menu	5. Print Acknowledgements (CONTRL)	12. GEISCO Miscellaneous Menu	6. Print Requirements (830, DELFOR, DELJIT)		7. Process Requirements (830, DELFOR, DELJIT)	
1. Receive Data	8. Maintain Network Selection																
2. Split Network Data Into OEM Files	9. Maintain Network Security																
3. Breakdown Data	10. Maintain Miscellaneous File																
4. Acknowledge Received Data	11. Commerce Miscellaneous Menu																
5. Print Acknowledgements (CONTRL)	12. GEISCO Miscellaneous Menu																
6. Print Requirements (830, DELFOR, DELJIT)																	
7. Process Requirements (830, DELFOR, DELJIT)																	
23. Return to V/L Telecommunications Menu																	
24. Return to Main Menu																	
Option																	

Many options are identical from trading partner to trading partner. Those options are explained one time only 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

Johnson Controls Interiors is coded to use the mandatory "Print" method, which affects the Breakdown, Print and Process options.

## Print Requirements (830, DELFOR, DELJIT)

(Option 5 on the VL0 menu)

### 830/862 Requirements Edit

This report is placed on hold. The Edit report contains all requirements received, exactly as received, from the OEM. The data is not rounded to a package quantity and it does not report ahead or behind quantities. It is not intended to be used as a load sheet.

## Error Report for 830/862 Edit

The Error Report lists errors or omissions in the Machine Readable, Parts Cross Reference and/or Requirement Master Files.

Note: Data with terminal errors is not processed. Terminal errors are preceded by "T." Correct the errors and run this option again before taking the option to "Process". Terminal errors not corrected are represented by asterisks (\*\*\*\*\*) on the printout.

It may be necessary to process some error-free requirements before correcting errors. When the errors are corrected, the "Print" option must be taken again, before the "Process" option is taken.

## ASNs

VLD8000PR1 12.0	10/20/XX	MENU: VL8PR	12:32:11
-----			
JOHNSON CONTROLS INTERIORS			
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 one time only in the AutoRelease Manual. Only options unique to this trading partner, exceptions or unique business practices are explained in this document.

## Maintain ASNs

(Option 1 on the ASN Menu)

### ASN Maintenance Screen

ASN MAINTENANCE				
Company KB	Sequence number	OEM PR	ASN V	Action Code O
VLD810PR3				
Shipper # ..	In-House Part #			U of M ...
Ship Date... 0/00/00	Customer Part #			
Ship Time...	Ret Container .	(Y/N)		
Cust Abrv ..	Customer Cont #			
Dest Abrv ..				Time Zone
Dock Code ..	Plant ID .....			
	Corp ID .....			
Qty Shp.....	Container Qty .		Container Desc .	
Cum Ship....	Pallet Qty ....		Carrier Abbv ...	
	Net Weight ....			
	Tare .....		Conv Code .....	
Equip Desc .			Pool Loc Code ..	
Conv Bill #				
Engr Level .				
P.O. # .....				
Carrier Name				
F10=Delete F12=Return				

Company Number - Displays the company number that was previously entered.

Sequence Number - Assigned by the system.

OEM - "PR" for Johnson Controls Interiors. Cannot be maintained.

ASN - Defaults from the Destination File. The ASN code can be changed at shipper entry time. Johnson Controls Interiors uses the ASN code of "V" for variable length without bar code or "C" for variable length with bar code.

Action Code - The action code places the corresponding two-digit code in the BSN 01 segment in the ASN file.

O - Original 00

C - Cancel 01

H - Hold Record will not be included in transmission

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 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 # - Johnson Controls Interior's part number.

Ship Time - Time entered at shipper entry time (HHMM) in military format. If no time is entered, the ship time is defaulted from the system time when the "Extract" option is taken.

Ret Container - Defaults from Requirement A record. It can be changed at shipper time.

A returnable container code of "Y" indicates this record is either a returnable container or a part being shipped in a returnable container. If a container part number is also entered, this record is a part being shipped in a returnable container, and the LIN RC segment is created. If the container part number field is blank, this record is the returnable container itself. See the "General Information" section in the beginning of this supplement for more information on handling returnable containers.

A returnable container code of "N" or blank indicates this record is neither a returnable container or a part being shipped in a returnable container. Therefore, no LIN RC segment is required.

Cust Abrv - User-assigned abbreviation that must be entered in the Machine Readable file to return the correct customer code in the ASN file. Cust Container #-Customer part number for this container. Defaults from the Container File.

Customer Cont # - Number of the returnable container. Defaults from the Customer Container Number field in the Container File.

Dest Abbrev - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct destination code in the ASN file.

Time Zone - The time zone abbreviation defaults from the Control File for Johnson Controls Interiors only if it is a standard (not daylight) abbreviation.

ET - Eastern Standard

CT - Central Standard

MT - Mountain Standard

PT - Pacific Standard

Some OEMs require a different abbreviation during daylight savings time (April to October) than during the rest of the year when they are on standard time.

Johnson Controls Interiors does NOT accept the daylight savings time abbreviations. If the time zone abbreviation is changed in the Control File to accommodate another OEM during the daylight savings time period, the daylight abbreviation will be changed during the "Extract" to the standard abbreviation for Johnson Controls Interiors.

Dock Code - 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.

Transmitted in the REF\*DK segment.

Plant ID - Supplier code assigned by Johnson Controls Interiors. This is entered in the supplier code field in the Requirement File and the Plant ID field in the Identification Code File.

Corp ID - Defaults from the Identification Code File.

Qty Shp - Number of pieces shipped.

Container Qty - The number of containers which is calculated by dividing the quantity shipped by the package quantity entered in the Requirement A record. It can be changed at shipper entry time.

Cont. Desc - Container description must be a valid AIAG standard description consisting of 3 alpha characters followed by 2 numeric characters. This defaults from the Container File. The container code can be changed at shipper entry time.

Cum Ship - The total number of parts shipped this model year, which is transmitted in the SN1 segment in the ASN file.

Pallet Qty - Number of pallets calculated by dividing the quantity shipped by the pallet capacity entered in the Container File. The pallet quantity can be changed at shipper entry time.

Carrier Abbv - Carrier abbreviation (SCAC Code) which defaults from the carrier abbreviation field in the Carrier File.

Net Weight - Total weight of parts, calculated by multiplying the quantity shipped times the net weight per part entered in the Parts Cross Reference File. It can be changed at shipper entry time.

Tare - The weight of the container(s) which is calculated based on the container and pallet weights entered in the Container File. The tare weight can be changed at shipper entry time.

Conv Code - AIAG standard code which describes the method of conveyance. Defaults from the Carrier File. It can be changed at shipper entry time.

Equip Desc - The Equipment Description further describes the Conveyance Code. It defaults from the Carrier File.

Pool Loc Code - Pool location code defaults from the Carrier File if pool carrier code is "P."

Conv Bill # - Defaults from the conveyance number field at shipper entry time if a trailer number or air freight number was entered. If there was no entry at that time, the shipper number is defaulted.

Engr Level - Engineering change level transmitted by Johnson Controls Interiors. Defaults from the Requirement B record.

P.O. # - Line sequence suppliers do not receive a purchase order number on 862s or on the Forecast Release 830. Therefore, the blanket purchase order number must be entered manually, in the Default PO field, in the Requirement C record. (This is accessed using F9 from the Requirement Master Header Screen). This default PO number is extracted during the "process" and placed on each 862 and Forecast Release 830. It is transmitted in the ASN (856) file and the electronic invoice (810) file.

Carrier Name - Carrier name associated with the number entered in the carrier preference field in the Destination Master. The carrier can be changed at shipper entry time.

## 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 (ACM).

### 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.