



# Infor Tacle Seating USA (RC)

Traditional

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## Table of Changes

Changed By	Date	Reason	Update#	Section Changed

# General Information

## Transaction Sets and Versions

The Tacle Seating USA Module supports the following transaction sets:

- 830Material Release Version 4010
- 856Advance Shipping Notice Version 4010
- 997Functional Acknowledgement Version 4010

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

The **856 (ASN)** is required to be transmitted from the supplier to Tacle Seating USA within 20 minutes of the shipment leaving the dock.

The **997 (Functional Acknowledgement)** is required to be transmitted to acknowledge the received requirements. A 997 is also received to acknowledge the receipt of the suppliers ASN.

## Transaction Sets with Requirements

The 830 Material Release represents planning schedule with release capability provides for customary and established business practice relative to the transfer of forecasting/material release information between organizations. The planning schedule transaction may be used in various ways or in a combination of ways, such as: (1) a simple forecast; (2) forecast with buyer's authorization for the seller to commit to resources, such as material; (3) a forecast that is also used as an order release mechanism. The order release forecast may also contain data related to purchase orders.

Every requested shipment will have a New Purchase Order Number. It is possible to have the same part/ship to destination/date on multiple Purchase Orders. Tacle Seating USA system is not CUM based. Shipping requirements will be assigned PO Numbers and will go out for approximately one week. Forecast requirements will have purchase requirement numbers.

## 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

Tacle Seating USA 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 for 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 Tacle Seating USA. It is also used when uploading bar code data, transmitting ASNs. The Identification Code File is used differently by different manufacturers.

IDENTIFICATION CODES			
Company Number .....	99		
OEM Code .....	RC		
Plant ID .....	1234		(How the OEM defines your plant)
OEM ID .....	614823040		(How the OEM defines themselves)
Corporate ID .....	123456789		(How the OEM defines your corp.)
Remit to Duns Number .....	123456789		(Payment Receiver ID - ASN)
VAT Code .....			
Transmission Mode .....	P	(T/P)	T-Test, P-Production
Smart Labels .....		(Y/N)	
Pallet Staging .....		(Y/N)	
Bar Code File Transfer ...		(Y/N)	
Variable Unwrap Print ....	Y	(Y/N)	
Automatic print of 997 ...	Y	(Y/N)	
AutoMap.....	N	(Y/N)	
F1=Help F10=Delete F12=Return F14=Trading Partnership File (X.12)			
F17=Selective F/A's F18=Additional Qualifiers F19=Outbound Receiver IDs			

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 Partnership File

Machine Readable records must be entered before the trading partnership records can be created because Customer and Destination Abbreviations 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.

Follow the steps below to create default values:

- 1 Press F6 (Add) from the ISA list screen.
- 2 Enter Customer Abbreviations if running multiple versions of Tacle Seating USA.  
**Note:** Destination Abbreviations may be required. Tacle Seating USA requires a separate record for

each destination. The first record created represents Tacle Seating USA and is copied and modified to create a record for other Locations.

- 3 Press Enter.
- 4 Enter the code representing the data format ("A" for ISA).
- 5 Press Enter. The ISA detail screen displays.
- 6 Press F7 (Infor defaults):
- 7 Press Enter. The ISA list screen displays.
- 8 Press F14 (Control#) to enter the ST control number.

### Control Numbers Screen

Control Numbers
ISA Control#: _____
GS Control#: _____
ST Control#: _____
F12=Return

- ST Control #
- The number in this field represents the last ST control number used when the "create and transmit" option was taken for the 856 or 997. This applies only when the non-repeating transaction control number field is marked with "Y" on the GS detail screen. The ST control number is incremented by one each time an 856 or 997 file is transmitted. If this field is blank (representing "zero"), after the first transmission, it is increased to "one."

- 9 Press Enter. The ISA list screen displays with two ISA records.
- 10 Select each record one at a time with "1."
- 11 Press Enter. The ISA detail screen displays.



## ISA Detail Screen

Maintain Trading Partnership File

Company Number..... 01  
    (A) ISA/ (C) ICS/ (E) Edifact: A  
OEM Code..... RC  
Supplier ID..... 999999999  
Customer Abbrev(O)..... XXXXX  
Destination Abbrev(O).... XXXXX

User Define Description: Tacle Seating USA

### Qualifier/Information

Authorization: 00	_____	Active (Y)/(N): Y
Security:	00	_____
Sender:	ZZ 999999999	
Receiver:	01 999999999	

	<u>Hexadecimal Code</u>
Control Standards ID: U	Sub Element Separator: 4C
Version Identifier: 00410	Data Element Separator: 5C
	Segment Terminator: A1

Computer Generated ISA Control Number: \_

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

## Required Changes for the 856 ISA Records

No modification is required to the ISA record. However, Infor recommends that the description clearly identify the record. If separate records are created for each destination, identify the destination and the transaction set. If one record is used for all destinations, do not enter the Destination Abbreviation and identify the transaction set in the description.

**12** Press F10 (GS Level). The GS list screen displays.

**13** Select the GS record with "1" and press Enter to display the GS detail screen. Default data can be viewed or maintained.

## GS Detail Screen

Maintain Functional Identifier	
Company Number.....	01
OEM Code.....	RC
Supplier ID.....	999999999
Customer Abbrv(O).....	XXXXXX
Destination Abbrv(O)....	XXXXXX
Transaction Type.....	856
<b>Non Repeating</b>	
<b>Transaction</b>	
Functional Identifier:	SH
Application Sender:	999999999
Application Receiver:	999999999 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:	
Computer Generated Group Control Number:	_____
F12=Return	
<b>Processing Option: _</b> <b>P=Print Before Sending</b>	

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). A GS Level Functional Identifier will need to be set up for the 856.

14 Press Enter.

15 Press F12 to return to the ISA detail screen.

16 Press F12 twice to return to the ISA list screen.

17 Repeat steps 10–16 for each ISA record.

## Model Year

Tacle Seating USA does not send model year. Therefore, the Requirement Master and Price Master must be set up leaving the Model Year field blank.

## 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 points are applicable:

- A Tacle Seating USA 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

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

**Company:** \*\*

**Application Name:** \*ALL

**Keyword:** PXCO#xx, where "xx" is the OEM code

**Length:** 1

**Decimal:** blank

**Infor Data:** Y

The Tacle Seating USA Parts Cross Reference Company Retrieval report is printed when the Breakdown option is taken. This report lists the company number and the associated customer part number that was found in the Parts Cross Reference File.

## Requirement Master - Clear Flags

Tacle Seating USA sends full files. It is suggested 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 Tacle Seating USA transmits to your company. Do not select clear flags with X if requirements are transmitted only once for any given transaction set.

## EDI Code File

### Type Codes

- C – Firm
- D – Planning

### Frequency Codes

- D - Discrete
- W – Weekly (Monday – Sunday)

## Shipper & Invoice Number

Tacle Seating USA suppliers may use the optional shipper and invoice prefix feature. This feature is used by suppliers that require more than 6 digits for shipper and invoice numbers. The prefix is not displayed throughout AutoRelease, but is attached to the shipper and invoice numbers in outbound files and prints on forms. Only the 6 position shipper or invoice number is used in AutoRelease. Enter the 1 or 2-position prefix (numeric) in the "Shipper/Invoice Prefix" field on the Forms Control screen. To access the Forms Control screen: From the System Maintenance Menu take option 1 (Forms Control File Maintenance). The prefix is appended to the shipper numbers on all shipping documents (shippers, pool bills, export documents, etc.) and on invoices.

## VL0 Menu

VLD0000RC1	10/12/XX	MENU: VL0RC	22:00:31
12.0	-----		
TACLE SEATING USA			
VARIABLE LENGTH TELECOMMUNICATIONS MENU			
-----			
1. Receive Data			
2. Split Network Data into OEM Files			
3. Breakdown Data			
4. Acknowledge Received Data (Send 997)			
5. Print Acknowledgements (997)			
6. Print Requirements			
7. Process Requirements			
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.

## Print Method

Print Method: Optional

Tacle Seating USA is coded to use the optional "Print" method, which affects the Breakdown, Print, and Process options.

# ASNs

VLD8000RC1	8/08/XX	MENU: VL8RC	2:00:43
12.0	-----		
	TACLE SEATING USA		
	ADVANCE 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 Main 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.

## Maintain ASNs

(Option 1 on the VL8 menu)

### ASN Maintenance Screen

VLD810RC3		ASN MAINTENANCE			
Company	01	Sequence number	91	OEM RC	ASN V Action Code O
-----					
---					
Shipper # ..	73	In-House Part #	151C7E70510000		U of M ...
PC					
Ship Date...	10/22/XX	Customer Part #	151C7E70510000		
Ship Time...	2350	Ret Container .	N (Y/N)		
Cust Abrv ..	TACLE	Customer Cont #			
Dest Abrv ..	TACLE				Time Zone
ET					
Dock Code ..		Plant ID .....	123456789		
		Corp ID .....	123456789		
Qty Shp.....	1500	Container Qty .	1500		Container Desc . CTN1
Cum Ship....	1500	Pallet Qty ....			Carrier Abbv ... FEDR
		Net Weight ....	18000		
		Tare .....	1		Conv Code ..... LT
					Pool Loc Code ..
Equip Desc .	TL				
Equip Init .					
Conv Bill #	000073				
Engr Level .				Line Feed .....	
P.O. # .....	5500000041			RANNO .....	00030
Carrier Name	FEDERAL EXPRESS				
F10=Delete F12=Return					

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

- |                 |  |
|-----------------|--|
| Company         | - Displays the company number that was previously entered.   |
| Sequence number | - Assigned by the system.  |
| OEM             | - RC for Tacle Seating USA.  |
| ASN             | - Defaults from the Destination File. The ASN code can be changed at shipper entry time. Tacle Seating USA uses the ASN code of "V" 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. Valid codes include the following:                                    |
|                 | H - Hold              Record is not included in transmission   |

	C - Cancel	01
	O - Original	00
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 the ASN Unit of Measure field in the Destination File. It can be changed at shipper entry time.
Ship Date	-	Date of shipment in MM-DD-YY format. Defaults from shipper entry time.
Customer Part #	-	Tacle Seating USA'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. The ship time can be changed during the
Ret Container	-	Returnable Container Flag. Value is either Y=Yes or N=No.
Cust Abrv	-	User-assigned abbreviation that must be entered in the Machine Readable File to return the correct customer code in the ASN file.
Customer Cont #	-	Defaults from the customer container number field in the Container File
Dest Abrv	-	User-assigned abbreviation that must be entered in the Machine Readable File to return the correct destination code in the ASN file. (Not maintainable).
Time Zone	-	Time Zone
Dock Code	-	Destination Dock Code associated with requirement.
Plant ID	-	Plant Identification code number
Corp ID	-	Corporate Identification code number
Qty Shp	-	Number of pieces shipped.
Cont. Qty	-	The number of containers, calculated by dividing the quantity shipped by the package quantity entered in the Requirement A record. It can be changed at shipper entry time.
Container Desc	-	The container description must be a valid AIAG standard description consisting of three alpha characters followed by two numeric characters. This defaults from the Container File. The container code can be changed at shipper entry time.
Cum Shp	-	Cumulative quantity of Number of pieces shipped.
Pallet Qty.	-	Pallet Quantity

Carrier Abbv	- Carrier Abbreviation (SCAC code), which defaults from the controlling source field in the Requirement A record, where it was placed when received from Tacle Seating USA. It can be changed in shipper maintenance.
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.
Pool Loc Code	- Pool location Code
Equip Desc	- Equipment Description Code
Equip Init	- Equipment Initial Code
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	- Part Engineering Revision Level
Line Feed	- Line Feed
P.O. Number	- The Purchase Order Number received from Tacle Seating USA in 830 is returned in the LIN segment in the ASN file.
RANNO	- RAN Number
Carrier Name	- Carrier Name retrieved form Carrier File based on carrier number referenced on shipment.



# 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 communication method used by this trading partner and network profile, when applicable.

## 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 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.
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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.