Infor Tesla Motors (EP)

Traditional

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Contents

Table of Changes

Changed By	Date	Reason	Update#	Section Changed
K. Radtke	5/25/18	Conveyance Bill Number	A117052201	ASN

General Information

Transaction Sets

The Tesla Motors Trading Partner module supports the following transaction sets:

▪ 824	Application Advice	Version 4010
▪ 850	Purchase Orders	Version 4010
▪ 830	Material Release	Version 4010
▪ 862	Shipping Schedule	Version 4010
▪ 810	Electronic Invoice	Version 4010
▪ 856	ASN	Version 4010
▪ 997	Functional Acknowledgement	Version 4010

The **810 (Electronic Invoice)** contains part price information for shipments.

The **824 (Application Advice)** informs the supplier of any errors with their ASNs.

The **830 (Material Release)** contains forecast requirements.

The **850 (Purchase Order)** contains item price and order information.

The **856 (ASN)** is required to be transmitted for each shipment when the truck leaves the plant. Bar code information is mandatory for Tesla Motors.

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

The **997 (Functional Acknowledgement)** acknowledges the receipt of transmissions from OEM.

Security

Communication Method

Tesla Motors communicates through the ACM (Advanced Communications Module) component.

For more information on ACM, see Chapter 17 of the AutoRelease Main Manual. Enter security requirements (identification codes, passwords, etc.) before attempting to receive or transmit. Network security is entered one time, but may be accessed by multiple trading partners.

Note: When establishing communication set up either with a VAN or direct, the following must exist:

Wrap Data?	YES - 80
Start New Record on New Interchange?	YES

File Archiving / Auto Print and Process

(Option 3 on the AZ10 Menu - ACM)

```
AZD2008                        PROCESS PROFILE SETUP




          OEM ........................
          Company ....................


          Auto Print .................
          Auto Process................
          Auto 997....................
          Days To Archive.............

F4=Prompt    F12=Cancel
```

- Auto Print (Y/N) - Enter “Y” if using AutoReceive and Breakdown (scheduled through ACM), to perform an automatic Print after the Breakdown. Enter “N” if not using AutoReceive, or, if using AutoReceive and Breakdown, if the Print option is not to be run automatically after the Breakdown.
- Auto Process (Y/N) - Enter “Y” if using AutoReceive and Breakdown (scheduled through ACM) and if also using Auto Print, to perform an automatic Process after the Receive, Breakdown and Print. Enter “N” if not using AutoReceive, or, if using AutoReceive, Breakdown, and Auto Print, if the Process option is not to be run automatically after the Print.
- Auto 997 (Y/N) – Enter “Y” and a 997 will automatically be sent back to the OEM acknowledging receipt of inbound EDI data.
- Days to Archive - Enter the number of days to archive files received from the OEM. Files must be saved at least one day. Archived files are files that are stored for a given number of days, so that they can be reactivated. The number of days is not based on calendar days. Only the number of days when a communication session takes place is counted. Then the archived files are removed during the next Shift.

Note: Only error-free requirements are processed. Errors must be corrected and the “Print” and “Process” options must be taken manually to process the remaining data.

Implementation

Identification Code File

The Identification Code File is used when taking the options to "Split" and “Breakdown” a file received from Tesla Motors and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Initial Record

```
Company Number                - xx
OEM Code                      - EP
Plant ID                      - Supplier ID defined by Tesla Motors

Press Enter to display remaining fields:

OEM ID                        - OEM DUNS Number
Corporate ID                  - Supplier’s DUNS Number
Remit to Duns #               - Not used
Transmission Mode             - T/P  T- Test,  P-Production
Smart Labels                  - Y or N
Pallet Staging                - Y or N
Bar Code File Transfer        - N
Variable Unwrap Print         - Y or N
Automatic print of 997        - Y or 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 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 (X.12)) after entering the appropriate data in the Identification Code File.

Follow the steps below to complete the Trading Partnership File setup.

1. Press F6 (ADD) from the Trading Partnership Review screen.

2. Abbreviations may be entered. Press Enter.

3. Enter the code representing data format (A for ISA). Press Enter. The Maintain Trading Partnership File Detail screen is displayed.

4. Press F7 (Infor defaults).
   Modifications may be needed to the 856 ISA and/or 810 ISA records. Verify the default records are created with the correct values.

```
VLD9702A                  Maintain Trading Partnership File

 Company Number.......... CO                (A)ISA/(C)ICS/(E)Edifact: A
 OEM Code................ EP
 Supplier ID............. SUPPLIERID
 Customer Abbrv(O).......
 Destination Abbrv(O)....

 User Define Description: PRODUCTION ASN RECORD

              Qualifier/Information
 Authorization:  00                        Active (Y)/(N): Y
 Security:       00
 Sender:         XX   SENDERID
 Receiver:       XX   RECEIVERID
                                                          Hexadecimal Code
 Control Standards ID:  U                 Sub Element Separator:  B0
 Version Identifier:    04010             Data Element Separator: 5C
                                          Segment Terminator:     A1
 Computer Generated ISA Control Number: Y

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

5. Press F10 (GS Level).
   Modifications may be needed to the 856 GS and/or 810 GS records. Verify the default records are created with the correct values.

GS Detail Screen

```
VLD9702E               Maintain Functional Identifier

 Company Number.......... CO
 OEM Code................ EP
 Supplier ID............. SUPPLIERID
 Customer Abbrv(O)........
 Destination Abbrv(O).....
 Transaction Type........ 856
                                          Non Repeating Transaction
 Functional Identifier:     SH                Control Number:        Y
 Application Sender:        SENDERID
 Application Receiver:      RECEIVERID        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: Y    P=Print Before Sending
F12=Return
```

6. Press Enter. Functional Identifier Review screen is displayed.
7. Press F12. Maintain Trading Partnership File Review screen is displayed.
8. Press Enter. Trading Partnership File Review screen is displayed.
9. Press F12. Identification Code File screen is displayed.

Setup is complete.

Machine Readable Destination File - Electronic Invoices

```
                    DESTINATION ABBREVIATION RECORD

              Company Number ..............  CO
              OEM Code ....................  EP
              Identification Number .......  XXXX
              Dock Location ...............  YYYY

              Destination Abbreviation ....  EPDEST
              Destination Description .....  TESLA DESTINATION ABBRV
              P O Destination .............  000000000
              ERS Destination .............      (Y/N)
              OEM Consideration ...........      (Y/N)
              Electronic Invoices ......... Y    (Y/N)
              Line Set ....................      (Y/N)
              Clear By Destination ........      (Y/N)
              Type of FBO .................      (M/S)
              Chrysler PAB/Non-PAB Combine.      (Y/N)
              Send Prev CUM on ASN/DESADV .      (Y/N)
              Exclude from APNAT calc .....      (Y/N)
              Place on Credit Hold ........      (Y/N)
              Ship Direct .................      (Y/N)

 F1=Help   F10=Delete   F12=Return
```

Electronic Invoices - Enter “Y.” Electronic Invoice files are created for this destination when the Print and Process Invoice option is taken and the reprint Invoice prompt is answered with ‘N’ for ‘No'.

Destination File – Invoices

```
SCD6300B              MAINTAIN DESTINATION MASTER FILE

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

Print Invoices or required. Enter	-	Enter “N” if hard copy invoices are not needed “Y” to print hard copy invoices in addition to transmitting the electronic invoice.
Create Invoices	-	Enter “Y” to create a hard copy, electronic invoice, or both for each shipper to this destination.

Requirement Master

```
JTDMAINT2                  REQUIREMENT MASTER ENTRY                      CHANGE

Company XX  Customer EPCUST  Part 1111111111111    Destination EPDEST   MY

Customer Part # .... 111111111111111111             OEM Code ....... EP
Supplier Code ...... XXXXXXXXXX                     OEM Division ...
Customer # ......... 999999                  Destination # ...... 999999
Commodity Code .....                         Unit of Measure .... EA
Controlling Source .                         Price Code .........
Dock Code ..........                         Trailer Capacity ...
Container Part # ... EPCONTAINER             Package Quantity ...
 _________ MRP _________   _______ Reports _______   ________ Clear ________
 866   862 X 830 X 850     866   862 X 830 X 850     866   862 X 830 X 850
                             Process P.O.s Y
 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
```

It is suggested that clear flags (found in the Requirement Master) be marked as follows:

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

This is subject to change based on the files Tesla Motors transmits to your company. DO NOT select clear flags with X if requirements are transmitted only once for any given transaction set.

Process P.O.s flag must be marked with Y to process in 850 transactions.

Model Year

Tesla Motors does not send model year. Therefore, the Requirement and Price Files must be entered leaving the model year field blank.

Requirement Master – JITC Type & Frequency

When suppliers receive EDI inbound 862 data from Tesla, the default Type/Freq. needs to be set to C/W (see below). Otherwise, the system will create an invalid pseudo record in both the JITB and LOAD files for each part received.

```
JTDMAINT6          REQUIREMENT MASTER ENTRY - OEM INFORMATION          CHANGE

                            Transaction Type ... 830

Company KF  Customer TESLA   Part I-1007786-00-A   Destination TES31   MY

 Invoice Toyota-MM? .......              Purpose Code ..... 00
 Ship or Delivery Date .... DL           Plant Location ...
 OEM Unit of Measure ...... EA           Default Eng Lvl ..
 OEM Ship Code ............              Storage Location . 3110
 OEM Package Qty ..........              Line Supply Loc ..
 OEM Last Ship Date .......  0/00/00     Tag Code .........
 OEM Last Ship Qty ........     5000     Int. Consignee ...
 OEM Cum Shipped ..........    95000     Line Feed ........
 Fab Date .................  0/00/00     Planner Name .....
 Fab Start Date ...........  0/00/00     Planner Phone ....
 Material Date ............  0/00/00     Default P.O. ..... 7700000353
 Material Start Date ......  0/00/00     Process Code .....
 CUM Reset Date ........... 12/30/15     JIT Reference # ..
 Purchase Order Date ...... 12/30/15     Default Type/Freq.  C/W
                                         Drop Point........

 F1=Help   F12=Return
```

CUM Required Prior

Tesla Motors does send CUM required prior. All values transmitted are actual quantities required.

AutoScan

Application Control File Maintenance (Option 17 on the RC20 Menu)

SCANPOxx - This record associates the Purchase Order Number with the master/mixed and individual labels using one of two methods. Both methods involve using the Application Control record, but contain different values in the Infor Data field. "xx" is the OEM code.

Label Print Time - The Purchase Order Number is retrieved from the requirement records at label print time. This method requires PRINT or PRINTVER in the Infor Data field.

Scan-to-Verify/Pallet Staging - The user is prompted for the Purchase Order Number when the scan-to-verify or pallet staging is performed. This method requires PROMPTVER in the Infor Data field.

CO = Company or **
Application Name = *ALL
Keyword = SCANPOEP (Where 'EP' is the OEM Code)
Length = 10
Dec = Blank
Infor Data = "PRINT" or "PRINTVER"

Important Information regarding Tesla labels:

Tesla requires the same P.O. Number per pallet, regardless of Master or Mixed. If you try to scan multiple P.O. Numbers to the same Master or Mixed label, you will receive a terminal error.

Loose containers (including those on a Mixed pallet) must have a Content and Container label.

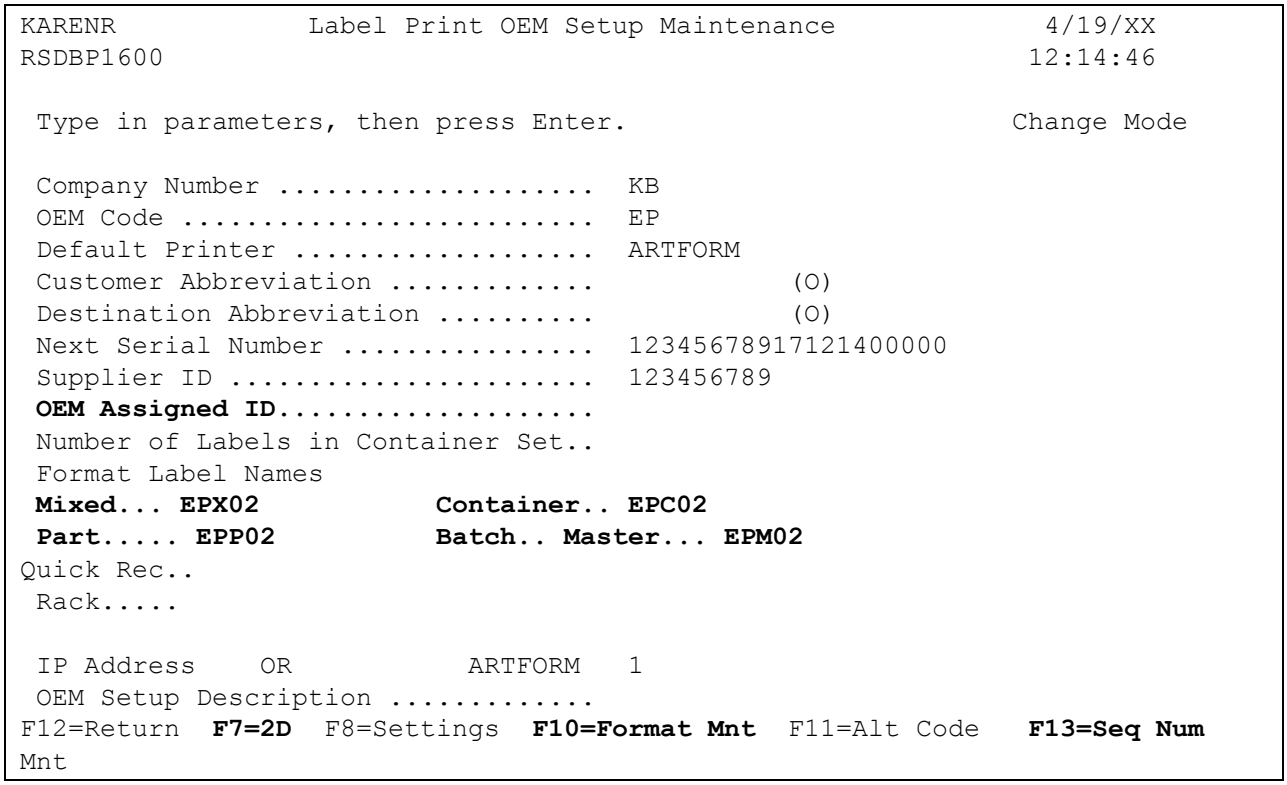
Content labels are printed from Requirements NOT Shippers.

Master (6J) and Mixed (5J) print 4 labels per set. The pallet is to have one label affixed to each side of the pallet.

The Mixed and Content labels have one QR code. The Master and Container labels each have 2 QR codes.

OEM Setup Maintenance (Option 2 on the BP00 Menu)

The Tesla label templates must be defined in the OEM Setup File. Create a new Label Print OEM Setup Record for printing labels. There are 4 label types: content, container, master and mixed. The content label is printed from requirements in AutoScan label printing. When scanning, content labels are scanned to master labels and container labels are scanned to mixed labels. Pallet staging can be used to scan/stage the shipment in advance.



Create Two-Dimensional Label Options setup by pressing F7=Two-Dimensional. Enter a 'Y' to the following question: 2D Labels?

OEM Assigned ID – This is Tesla's site code for the supplier. Tesla assigns this value and it is used on the bar code labels per the specifications.

Create Label Format File Maintenance by pressing F10=Format Maint

```
FUTURE                        Format File Maintenance                    2/01/XX
RSDBP1600                                                               18:11:56

OEM Code: CO    Default Printer:  LPT1:

Type options, press Enter.
 2=Change   4=Delete

     Label            Data
Opt  Format        Identifier     Format Description
     EPC02             1J          CONTAINER LABEL
     EPM02             6J          MASTER LABEL
     EPX02             5J          MIXED LABEL
```

When you are in the OEM setup record, you will see a new F13 key. This is needed for Tesla. Tesla has different length sequence numbers within the serial number and this function will setup those numbers.

Press F13=Seq Num Mnt in the OEM setup record.

The entries below are necessary:

```
OEM   Cust    Dest    Div
Code  Abbrev  Abbrev  Code   Type    Sequence Setup Description
----  ------  ------  ----   ----    --------------------------
 EP   ******  ******  *****  CONTENT Tesla Content Lbl Seq.
 EP   ******  ******  *****  JLBL    Tesla Master/Mix/Container
```

If you don't have them, you can create them by pressing F6=Add. Fill in these values:

```
OEM Code ..................... EP
Customer Abbreviation ........ ******
Destination Abbreviation ..... ******
Division Code ................ *****
Type ......................... CONTENT
Header Id ...................
Key Fields for Sequence Number.SUPPID PARTNO SHPDTE
Base Number of Sequence Number ... 36
Length of Sequence Number ........  3
Sequence Number numeric only ..... N
Reset Sequence number on value.... ZZZ
Company Number ...................
Sequence Number Setup Description. Tesla Content Lbl Seq.
```

Press ENTER

Press F6

Fill in these values:

```
OEM Code ..................... EP
Customer Abbreviation ........ ******
Destination Abbreviation ..... ******
Division Code ................ *****
Type ......................... JLBL
Header Id ...................
Key Fields for Sequence Number. SHPDTE

Base Number of Sequence Number ... 10
Length of Sequence Number ........ 10
Sequence Number numeric only ..... N
Reset Sequence number on value....
Company Number ...................
Sequence Number Setup Description. Tesla Master/Mix/Container Seq
```

Press ENTER

Press F3

OEM Format Maintenance:

Go into the OEM setup for each Tesla record and press F10.

A. Create EPP02 in OEM Format Maintenance with Format Type P, Data Identifier 3S.

B. Create EPC02 in OEM Format Maintenance with Format Type C, Data Identifier 1J.

C. Create EPM02 in OEM Format Maintenance with Format Type M, Data Identifier 6J.

D. Create EPX02 in OEM Format Maintenance with Format Type X, Data Identifier 5J.

The 2-D label flag needs to be set to yes in the OEM Setup Maintenance.

A. Press F7=Two-Dimensional

B. On the Two-Dimensional (2D) Label Options screen set "2D labels?" to Y.

C. Press enter.

AutoScan Label Information Setup

The supplier name, address and phone number print on all four labels (content, container, master and mixed).

Supplier Telephone Number setup:

From System Maintenance Menu (RC20) take option 2 – Control File Maintenance.

The Supplier Telephone Number is the Company Phone#

```
                        COMPANY CONTROL FILE MAINTENANCE
Company XX
Name    SUPPLIER NAME                Bill Clerk  BILLING CLERK NAME
Addr 1  SUPPLIER ADDRESS LINE 1            Position
Addr 2  SUPPLIER ADDRESS LINE 2     Prod Desc
City    CITY                             Co Desc     WAYNE
Zip     48155                            Duns No     111111111
State   MI                               DR Acct     DR ACCOUNT NUMBER
Country USA                              CR Acct     CR ACCOUNT NUMBER
                                         EIN Number
Time Zone     ED
Ship Time Adj  2   (Hrs)

Company Phone #    7345556789            Terms       NET 30 DAYS
Fax Phone #        7345556790            FOB
Emergency Phone #  7345556791

Payment Type       Coll        PP       PPI  X

Free Trade Zone                                     Job Queue   F3SHIP

F10=Delete   F12=Return
```

Auto 997 Transaction

ACM Trading Partner Communication Setup (Option 2 on the AZ10 Menu)

Create a new record with the Transaction/Msg of 997 to handle the outbound 997 Transaction.

```
AZR2300A             TRADING PARTNER COMMUNICATION SETUP

Options: 2=Edit, 4=Delete                                                Rv
Op OEMCo Mg/Trn Direct  Mailbox Description            Mailbox ID        Mb
EQ
   EP 01        Receive Tesla Motors                   TESLA             01
   EP 01 997    Send Tesla Motors                      TESLA             01

                                                                    Bottom

F3=Exit   F6=Add   F17=Top   F18=Bottom
```

ACM Process Profile Setup (Option 3 on the AZ10 Menu)

Set the Auto 997 flag to ‘Y’.

```
AZD2007A                 Profile Setup Selection

 Options:   2=Edit   4=Delete

Opt     OEM    Co    Auto Print    Auto Process    Auto 997    Days to Archive
 EQ
         EP    01        Y              Y             Y               10
```

Communication Scheduler (Option 1 on the VL16 Menu)

Setup a Scheduler Entry with the job name – SNDAFNEP to process the Auto 997 transmission.

```
CMD1020A           Schedule Job Details                              12/08/XX
DISPLAY                                                              10:13:38
OEM/Network.........: XX                Phone/Description...:
Communication Type..:                            Communication Method
Communication Member: XX
Communication Seq...:   4               Schedule Days-> Su Mo Tu We Th Fr Sa
                                           Time:
Active Code.........: Y
Delete Member.......: N                 Line Type...........:
Job Name............: SNDAFNEP          Job Type............: ACM
Job Queue...........:                   Time Limit(min).....:
Job Description.....:                   Retry Limit.........:
Output Queue........:                   Reschedule Time(min):
Message Queue.......:                   Security Type/Ver...+
Job Priority........:                   Before Process......:
Run Priority........:                   After Process.......:

Command Data........:
F3=Exit  F4=Prompt  F12=Return
```

Tesla Variable Length Menu - VL0

```
VLD0000EP1    11/10/XX           MENU: VL0EP            12:03:01
12.0          ------------------------------------------------
                                TESLA MOTORS
                       VARIABLE LENGTH TELECOMMUNICATIONS
                      ------------------------------------------------

                                1.  Receive Data
                                2.  Split Network Data Into OEM Files
                                3.  Breakdown Data
                                4.  Print Requirements (850,830,862)
                                5.  Process Requirements (850,830,862)
                               12.  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 one time only in the AutoRelease Manual. Only options unique to this trading partner, exceptions or unique business practices are explained in this document.

Setting up Menu Option Security within ARS

Program Name = VLC0000EP and Record Format = VL0EP

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

Tesla Application Advice Menu - V44

(Option 12 on the VL0 Menu)

```
VLD4400EP1    11/15/XX            MENU: VL44EP          15:49:53
12.0         ---------------------------------------------------
                                TESLA
                          APPLICATION ADVICE MENU
             ---------------------------------------------------

              1.  Display Application Advice
              2.  List Application Advice
              3.  Purge Application Advice




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

                                Option
```

Application Advice Menu

This Application Advice Menu (VL44EP) is used to display, print, and purge the Application Advice File received from Tesla Motors. The Application Advice is a discrepancy report providing information to notify the supplier when the ASN data is not the same as the data recorded by Tesla Motors when the shipment is actually received.

Discrepancies are not processed into the Requirement or Load Files. Adjustments must be made manually (when necessary) from the Manual Requirement/Shipping Adjustments Menu (RC8). When this data is no longer current, it may be purged.

The Transaction Sets Received Audit Report, which is printed during the “Breakdown,” identifies the transaction sets received by each company. During the “Process,” all data received in the Application Advice File is placed in the universal Application Advice Files: VPX861A - VPX861I.

ASNs

The trailer# should be entered in the Conveyance Bill# field at ASN create time in order to build the REF*BM segment for Tesla(EP). If the trailer# is not entered in the Conveyance Bill# field at ASN create time, the REF02 (REF*BM) will default to the shipper#.

```
VLD8000EP1      4/19/XX            MENU: VL8EP           12:08:09
12.0           ---------------------------------------------------
                                TESLA
                        ADVANCE SHIPMENT NOTIFICATIONS
               ---------------------------------------------------

                1. Maintain ASNs
                2. List ASNs
                3. Upload / Convert Bar Code Data
                4. Maintain Bar Code Data
                5. Maintain Printed Bar Code Labels
                6. List Bar Code Data
                7. List Printed Bar Code Labels
                8. Create and Transmit ASNs
                9. Purge Printed Bar Code Labels
               10. Purge Transmitted ASNs/Bar Code
               11. Reactivate Transmitted ASNs/Bar Code

               23. Return to V/L Communications 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.

Setting up Menu Option Security within ARS

- Program Name = VLC8000EP and Record Format = VL8EP

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

Bar Code

Note - bar code serial numbers are required on the ASN.

VL75 Menu

```
VLD7500EP1    12/10/XX           MENU: VL75EP            9:19:01
12.0         ---------------------------------------------------
                              TESLA MOTORS
                           ELECTRONIC INVOICES
             ---------------------------------------------------

             1.  Electronic Invoice Maintenance
             2.  Print Invoice Register
             3.  Create and Transmit Invoices
             4.  Purge Transmitted Invoices
             5.  Reactivate Transmitted Invoices




            23.  Return to Electronic Invoice Processing Menu

            24.  Return to Main Menu


                                    Option
```

Electronic Invoices (810s) Overview

Tesla (EP) made changes to their Electronic Invoice (810) specifications. The spec change includes moving the REF*PK from the detail level to the header level and mandating the value is the same as the BSN02 on the ASN. Suppliers must go through a certification process before they can begin using the new specifications.

An Enhanced Application Control File keyword has been created to indicate if the supplier is using the new specs. This can be activated for testing and then again once certification is complete.

The new keyword EP810UPG03_2016 can be set up for a specific company or all companies.

From the System Maintenance Menu,

Select option 17. Application Control File Maintenance.

Then select option 1. Enhanced Application Control File Maintenance.

Select keyword: EP810UPG03_2016

Entry Keys

Used: Company = Enter your Company or '* ' for All Companies

Field Types: Text

Text Length: 1

Text Values: Y or N (Y = Use NEW 810 Specs, N = Use OLD 810 Specs)

Destinations requiring an electronic invoice must be identified in the Machine Readable Destination File by marking a “Y” in the Electronic Invoice field. An Invoice file is created from the Shipping file, during the Extract or when invoices are manually entered from the Invoice Processing Menu. The Print and Process Invoices option on the Invoice Processing Menu must be taken to create an Electronic Invoice file. If no hard-copy invoices are required, mark “N” in the Print Invoices field in the Destination File. No electronic invoice is created from non-release shipping records.

Data on the electronic invoice screens may come from the file where it was originally processed or entered, or it may have been changed at ship time or through invoice maintenance.

Setting up Menu Option Security within ARS

- Program Name = VLC7500EP and Record Format = VL75EP

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

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 / DESADV 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 Manual."

Files and fields that are unique for all trading partners include the Identification Code File, the 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/DESADVs

Traditionally coded trading partners use a VL8xx menu (where “xx” is the OEM code) to transmit ASNs / DESADVs 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/DESADV (VL8) Options	Describes the standard procedures for transmitting ASNs/DESADVs without bar code.
ASN/DESADV with Bar Code Options	Describes the standard procedures for transmitting ASNs/DESADVs 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/DESADV Maintenance screen displays with valid field descriptions
- ASN/DESADV extract exceptions and special processing relating to ASNs/DESADVs 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/DESADV (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.