



Infor Mazda (Z)

Traditional

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Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The Mazda module supports the following transaction sets:

- 820 Remittance Advice Version 3030
- 824 Application Advice Version 2000
- 830 Material Release Version 2000
- 856 ASN Version 2000
- 861 Receiving Advice Version 2000
- 862 Shipping Schedule Version 2000

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

The 824 (Application Advice) reports errors of content in the file received from the supplier.

The 830 (Material Release) contains planning requirements.

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

The 861 (Receiving Advice) is a discrepancy report providing information to notify the supplier when the ASN data is not the same as the data recorded by Mazda when the shipment is actually received. The 861 is printed only.

The 862 (Shipping Schedule) contains firm ship requirements.

Shipper Print

The Mazda ASN number (shipper number with the first two positions overlaid by the arrival month) is printed beneath the page number on the Mazda shippers.

Bar Code Requirements

Mazda requires the storage location on the bar code label. The storage location is printed on the load sheet (next to the line supply location) to make it available for manual entry on the bar code label.

Unlimited Company Processing

The ability to submit up to 500 companies, or “unlimited company processing,” is available for the manual or Auto Receive, 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

Mazda communicates through the ACM (Advanced Communications Module) component.

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

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

Wrap Data? YES - 80

Start New Record on New Interchange? YES

File Archiving / Auto Print and Process

(Option 3 on the AZ10 Menu - ACM)

AZD2008	PROCESS PROFILE SETUP
OEM Company Auto Print Auto Process..... Auto 997..... Days To Archive.....	
F4=Prompt F12=Cancel	

- Auto Print (Y/N) - Enter "Y" if using Auto Receive and Breakdown (scheduled through ACM), to perform an automatic Print after the Breakdown. Enter "N" if not using Auto Receive, or, if using Auto Receive and Breakdown, if the Print option is not to be run automatically after the Breakdown.
- Auto Process (Y/N) - Enter "Y" if using Auto Receive 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 Auto Receive, 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 Mazda and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

```
Company Name - xx
OEM Code - Z
Plant ID - Plant ID or Supplier Code *

OEM ID - MMUC__MMUC1 (3 spaces in positions 5,6 & 7)
Corporate ID - Supplier Code **
Remit to DUNS Number - Not used by Mazda
VAT Code - Tax ID
Transmission Mode - T or 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
```

* Enter the plant code if an REF*PE segment is received from Mazda. Or, enter the supplier code.

** Enter the supplier code as it is received in the ISA segment from Mazda.

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.

Machine Readable - Customer - Production vs. Service

Separate customer abbreviations must be entered in the machine readable variable length file to accommodate both production and service releases.

The Customer Identification Number (Issuing DUNS) is followed by two blank spaces, then the first two characters of the purchase order number.

Production release purchase orders begin with "PM" and service release purchase orders begin with "PS." Therefore, the following identification numbers must be entered in the customer machine readable file with separate abbreviations:

Production Releases MMUC1 PM

Service Releases MMUC1 PS

Machine Readable - Customer - Prototype Parts

Mazda sends prototype part requirements with a CUM shipped of zero and with "Y" preceding the DON (delivery order number). Mazda does not want prototype requirements included in CUM shipped figures.

This "Y" is appended to the end of the customer identification number to identify this requirement as a prototype part, which requires a separate Machine Readable Customer record and a separate Requirement Master.

Enter a Customer Machine Readable record with a unique abbreviation.

CUSTOMER ABBREVIATION RECORD	
Company Number	KB
OEM Code	Z
Identification Number ...	123456Y
Customer Abbreviation	PROTO
Company Name	MAZDA
Body & Assembly	(Y/N)
CMMS Format	(Y/N)
Ship Direct	(Y/N)

A separate Requirement Master is required for prototype parts.

At "Extract," the CUM shipped is set to zero for shipments identified by a DON beginning with "Y."

Model Year

Mazda does not send model year. Therefore, the Requirement and Price Files must be entered leaving the Model Year field blank.

Requirement Master - Clear Flags

The Requirement Master clear flags for Mazda must not be marked.

866 862 830 850

— — — —

This is subject to change based on the files Mazda transmits to your company.

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

CUM Required Prior and Special Shift Processing

Mazda sends CUM required prior on both the 830 and the 862. Therefore, it is not necessary to enter CUM required prior before going live. The first time a requirement is received, the CUM required prior figure sent by Mazda overlays what was entered manually.

The CUM required prior 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 if entering a Mazda manual requirement or while testing. If there is a CUM shipped, but no CUM required prior, an "ahead" condition exists, and there is no requirement processed into the load file. The CUM Required Prior, if necessary, is entered using the option Enter Manual Requirements. CUM Required Prior can be entered using F5 from the entry screen or it may be entered directly on the header screen.

VL0 Menu

VLD0000Z1	10/12/XX	MENU: VL0Z	14:24:55
12.0	-----		
MAZDA			
VARIABLE LENGTH TELECOMMUNICATIONS			

1. Receive Data			
2. Split Network Data Into OEM Files			
3. Breakdown Data			
4. Print Requirements (830, 862)			
5. Print Application Advices (824)			
6. Process Requirements (830, 862)			
7. Maintain Advantis Network Security			
8. Maintain Mazda Miscellaneous File			
9. AIAG Reports Menu			
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 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

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

Breakdown Data - Print Notes (NTE)

(Option 3 on the VL0 Menu)

Notes Report

The Notes Report is an additional report printed when the "Breakdown" option is taken for Mazda. This report contains notes received in the NTE segment of the 830 and 862 files.

Print Application Advices (824s)

(Option 5 on the VL0 menu)

This option is used to print Application Advices (824s) that were received using the receive data option.

The application advice reports errors of content in the file transmitted to Mazda. An application advice may state that the transmission was accepted with errors or that the transmission was rejected.

The Transaction Set Audit Report, which prints when the "Breakdown" option is taken, indicates if 824s were received. If there are no Application Advices to print, a break message indicates that there is no data for the company number(s) entered.

A list of error messages requiring action:

Message	Explanation	Action to be taken
"ASN NO. ALREADY EXISTS IN DB 1"	ASN number assigned previously, cannot duplicate.	Resend ASN immediately.
"D/O NO. NOT FOUND IN DB1"	Typo-may have typed letter "o" instead of zero "0."	Must add D/O to ASN using "add" option.
"D/O ALREADY ASSIGNED TO ASN" (ADD ASN NUMBER)	D/O is assigned to another ASN number.	Review D/O number for accuracy.
"DELIVERY DEST. UNMATCH TO D/O"	ASN delivery destination does not match D/O destination.	Resend ASN immediately.
"DELIV. REC. ALREADY REGISTERED"	ASN number already received, cannot use.	Resend ASN immediately using a different ASN number.

A list of warning messages requiring action:

Message	Explanation	Action to be taken
"ASN LOC NOT EQUAL TO DO LOC"	ASN assigned to a different dock location then specified in transmission on the D/O.	Correct on the next ASN.
"ASN QTY NOT = D/O QTY"	Quantity discrepancy between ASN and D/O.	Call AAI Expediter to correct.
"ASN DATE NOT = D/O DATE" (ADD ASN NUMBER)	ASN delivery date different from D/O delivery date.	Review delivery date of ASN for accuracy.
"DELAYED DELIVERY"ASN	ASN delivery time is later than the D/O delivery time.	Correct AAI Expediter to correct.

Mazda - Application Advices

The Application Advice (824) is sent to suppliers only if there is an error in the ASN file. The Application Advice Edit List displays the specific terminal error or warning message. If there is a problem with an ASN, Mazda sends an 824 within 30 minutes of receiving the ASN that was in error.

Process Requirements (830, 862)

(Option 6 on the VL0 menu)

Special Processing

During the "Process," incoming requirements are checked against shipping history. If a requirement is found with the same Purchase Order Number and DON (delivery order number), and the requirement

year in the incoming file matches the ship year in shipping history, that requirement is not processed into the Requirement and Load Files. A report prints identifying the requirements that were not processed.

VL47 Menu

AIAG Reports Menu

VLD4700Z1 12.0	10/12/XX -----	MENU: VL47Z MAZDA AIAG REPORTS MENU -----	14:26:00
 1. Print Receiving Advice (861) 2. Print Payment Order/Remittance Advice (820) 23. Return to Mazda V/L Telecommunications Menu 24. Return to Main Menu Option			

Print Receiving Advices (861)

(Option 1 on the VL47 menu)

This option is used to print Receiving Advices (861s). The 861 is a discrepancy report providing information to notify the supplier when the ASN data is not the same as the data recorded by Mazda 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).

The Transaction Set Audit Report, printed during the "Breakdown," indicates if Receiving Advices were received. If there are no Receiving Advices, a break message indicates that there is no data for the company number(s) entered.

The company selection is displayed if the user has authority to multiple companies.

An error report prints, listing customer and destination identification codes not entered in the Machine Readable File and part numbers not entered in the Parts Cross Reference File, if these errors were not corrected during the "Breakdown" or "Print."

Print Payment Order / Remittance Advice (820)

(Option 2 on the VL47 menu)

This option is used to print Remittance Advices (820s) received from Mazda. The Remittance Advice is issued by Mazda when a check is issued or an electronic transfer has been made, indicating the total payment amount and the invoice information supporting this total, such as the invoice numbers, part numbers, quantities, Purchase Order Numbers, and so on.

VLD4700Z2	MAZDA REMITTANCE ADVICE LISTING
List the report in Invoice Number Sequence (Y/N)... Y	

Enter "Y" to sort by invoice number and print in invoice number order.

Enter "N" to print in arrival sequence order.

The Transaction Set Audit Report, printed during the "Breakdown," indicates if Remittance Advices were received. If none were received, a break message indicates that there are none to print.

The company selection is displayed if the user has authority to multiple companies.

ASNs

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

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

Maintain ASNs

(Option 1 on the ASN Menu)

ASN Maintenance Screen

VLD8100Z2		ASN MAINTENANCE			
Company	Sequence Number	000000	OEM Z	ASN V	Action Code O
Shipper # ..		In-House Part #			U of M ...
Ship Date ..	0/00/00	Customer Part #			
Ship Time ..					
Arrival Date	0/00/00	Plant Id			
Arrival Time		Corporate ID ..			
Cust Abbrv .		OEM Receiver ID			
Dest Abbrv .					
Dock					
Qty Ship ...		RAN/DON			

- Company - Displays the company number that was previously entered.
- Sequence Number - Assigned by the system.
- OEM - "Z" for Mazda.
- ASN - Defaults from the Destination File. The ASN code can be changed at shipper entry time. Mazda uses the ASN code "V" for variable length without bar code.
- Action Code - The action code places the corresponding two-digit code in the BSN 01 segment in the ASN file. The following are valid action codes:
 - O - Original 00

- N - Cancel 01
- R - Replace 05
- C - Change 04
- D - Delete 03
- H - Hold Record is not included in transmission

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

- Shipper # - Mazda requires the first two positions of the shipper number to represent the month. At the time the shipper is created and the shipper number assigned, the system overlays the first two positions with the month from the arrival date entered on the shipper header screen.
- 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 MM-DD-YY format. Defaults from shipper entry time.
 - Customer Part # - Mazda'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.
 - Arrival Date - Defaults from shipper entry time. Must be entered in MM-DD-YY format. The two-positions representing the month become the first two positions of the shipper number.
 - Plant ID - Supplier code assigned by Mazda. This is entered in the Supplier Code field in the Requirement A record and the Plant ID field in the Identification Code File.
 - Arrival Time - Defaults from shipper entry time.
 - Corporate ID - Defaults from the Identification Code File. The supplier code entered in the Requirement A record finds a match in the Plant ID field in the Identification Code File, and if there is a Corporate ID entered, it defaults to this field.
 - Cust Abbrev - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct customer code in the ASN file.
 - OEM Receiver ID - Defaults from the OEM ID field in the Identification Code 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.
 - Dock - Code representing the dock at the destination location if a dock code was transmitted. Defaults from the Requirement A record. The Destination Abbreviation with the dock code

must be entered in the Machine Readable Destination File to transmit the correct destination location code in the ASN file.

- Qty Ship - Number of pieces shipped.
- RAN/DON - Mazda's delivery order number (DON). Defaults from the Requirement B record.

Extract ASNs before Printing Shippers

(Option 6 on the ASN Menu)

This option is used to extract ASNs from the Shipper file and place them into the ASN file, before shippers have been printed. ASN procedures may be different from supplier to supplier. Mazda ship records with a status "S" are displayed for selection.

Mazda Parts and Service - Only Mazda Parts and Service shipments may require suppliers to send ASNs 24 hours in advance of the shipment leaving the dock. Use "Extract ASNs before Printing Shippers" when ASNs are required in advance. The ASN file is Extracted from the shipper file.

Mazda Division - Mazda requires suppliers to send ASNs within one hour of the shipment leaving the dock. Requirements are identified by the DON, beginning with "M." Mazda requirements are Extracted using the "Extract" option on the shipper processing menu.

Note: A shipper has a status "S" until it is printed and the reprint prompt is answered with "N" for "No." At that time, the system changes the status to "P" for "Printed." The status remains "P" until the Extract option is taken from the shipper processing menu, at which time it is removed from the shipper file.

The shipper records are updated with ASN type "N" so that after the reprint shipper prompt is answered with "N" for "No" and the "Extract ASN" option is taken, another ASN record is not created.

The company selection is displayed if the user has authority to multiple companies.

Selection Screen

VLD8010A		ASN/DESADV EXTRACT BEFORE PRINT SELECTION					
Select Shipper(s) or All							
Option: 1=Select							
						Shipper	
Opt	Co	Cust	Sold To	Dest	Ship To	Number	Carrier Name
	01	MAZDA	11300100	MAZDA	1615	1148	UNITED PARCEL SERVICE

Enter "1" next to the records to be included in the ASN file and press Enter. Or, press F7 to include all records with "S" status in the ASN file.

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.
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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.