Infor Mercedes Service (MZ)

Traditional

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Contents

Table of Changes

Changed By	Date	Reason	Update#	Section Changed

General Information

Transaction Sets and Versions

The Mercedes Service module supports the following transaction sets:

- 830 Material Release Version 3050
- 856 ASN Version 3050
- 997 Functional Acknowledgement Version 3050

The 830 (Material Release) contains daily release schedules.

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

The 997 (Functional Acknowledgement) is required to be transmitted to acknowledge the received 830s, within the time frame defined by Mercedes Service. A 997 is also received to acknowledge the 856 file sent by the supplier.

Security

Communication Method

The Mercedes Service (MZ) module is used to receive and process service parts, not production parts. Use the Mercedes Benz (MB) module to receive and process production parts.

Mercedes Service 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 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 Mercedes Service and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

Initial Record

(Trading Partnership record required)

```
Company Number - xx
OEM Code - MZ
Plant ID - Your Vendor Code (MBNA)

OEM ID - MBUS002S
Corporate ID - Not used by Mercedes Service
Remit to Duns Number - Not used by Mercedes Service
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 - 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.

Outbound 997 Record

(Trading Partnership record required)

Mercedes Service requires consecutive ISA and GS control numbers in the EDI enveloping. To accomplish this a second Identification Code File record must be entered with SUPPID 997 as the Plant ID. Without this record, the control number is created based on date and time.

```
Company Number -xx
OEM Code -MZ
Plant ID -SUPPID 997

OEM ID - Not used by Mercedes Service
Corporate ID - Not used by Mercedes Service
Remit to Duns Number - Not used by Mercedes Service
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 - Y or N
AutoMap - N
```

Trading Partnership File

The Trading Partnership File is used to enter data 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 its enveloping, users may change the enveloping 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. Enter optional abbreviations or leave blank if all customers and destinations for this company, OEM, and supplier code are the same.
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):

Initial Record

One ISA record is created.

One GS record is created (856).

No modifications are needed to the ISA record except to assign a description. The default for Processing Option on the GS detail screen is “P.”

997 Record

One ISA record is created.

One GS record is created (997).

The ISA defaults are displayed for the Functional Acknowledgement. No modifications are needed to the ISA record or the GS records. The default for Processing Option on the GS detail screen is “P.”

Note: The Receiver and Sender IDs must be blank.

ISA Detail Screen

```
VLD9702A                  Maintain Trading Partnership File

  Company Number.......... KB                (A)ISA/(C)ICS/(E)Edifact: A
  OEM Code................ MZ
  Supplier ID............. 123
  Customer Abbrv(O).......
  Destination Abbrv(O)....

  User Define Description:

              Qualifier/Information
  Authorization:  00                         Active (Y)/(N): Y
  Security:       00
  Sender:         ZZ   123
  Receiver:       ZZ   MERBENT
                                                          Hexadecimal Code
  Control Standards ID:  U                Sub Element Separator:  7C
  Version Identifier:    00200            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 SUPPID 997 record:

- Sender ID - Leave blank. The system creates the Sender ID from the incoming Receiver ID.
- Receiver ID - Leave blank. The system creates the Receiver ID from the incoming Sender ID.
- Press F10 (GS Level). The GS list screen displays.
- 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

```
VLD9702E               Maintain Functional Identifier

 Company Number.......... KB
 OEM Code................ MZ
 Supplier ID............. 123
 Customer Abbrv(O).......
 Destination Abbrv(O)....
 Transaction Type........ 856
                                          Non Repeating Transaction
 Functional Identifier:     SH                Control Number:
 Application Sender:        123
 Application Receiver:      MERBENT          ST Control#:
 Responsible Agency Code:   X
 Version/Release/Industry:  003050
 (T)est/(P)roduction:       P
 Acknowledge Requested:     N

 Last Date Used:            10/27/XX
 Last Time Used:            12:41:02
 Number Times Used:               1            Processing Option: P
 Computer Generated Group Control Number:      P=Print Before Sending
F12=Return
```

- Processing Option - The default is “P” to activate an unwrapped file to be viewed before the transmission. Change to blank if an unwrapped file is not to be viewed before the transmission. (Optional)

Required Changes for the SUPPID 997 record:

- Sender ID - Leave blank. The system creates the sender ID from the incoming receiver ID.
- Receiver ID - Leave blank. The system creates the receiver ID from the incoming sender ID.
- Press Enter.
- Press F12 twice to return to the ISA list screen.

Set-up is complete.

Model Year

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

Requirement File - Clear Flags

Mercedes Service always sends a full 830 file. Mark the 830 clear flag to completely remove all detail records and replace them with the detail records from the incoming file.

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

This entry is subject to change based on the files Mercedes Service transmits to your company. Do not select clear flags with “X” if requirements are transmitted only once for any given transaction set.

CUM Required Prior

Mercedes Service does not send CUM Required Prior or CUM Received. The Purchase Order Number must be transmitted in the ASN file with the requirement. Therefore, the current requirement is not adjusted based on ahead / behind calculations but is set by special processing during the Extract when the CUM Required Prior figure is set to equal the CUM Shipped. When the CUM Shipped is entered prior to going live for the first time (using the Enter Shipping Adjustments option on the RC8 menu), the CUM Required Prior must be entered to equal the CUM Shipped. To enter the CUM Retired Prior, access the Manual Requirements Entry screen and select a part or press F5.

EDI Code File

Mercedes Service uses the type and frequency codes listed below.

- Type/frequency - HD: First-time released firm quantity
- Type/frequency - CD: A requirement that has previously been released as HD
- Type/frequency - HZ: Cumulative number of first-time released firm quantity requirements
- Type/frequency - CZ: Cumulative number of requirements that have previously been released as HD

“HD” and “CD” requirements do not override each other, and there is no partial week calculation. If two line items, one with type and frequency “HD” and one with type and frequency “CD” are received on the same day, both line items are shipped.

“HZ” and “CZ” requirements are not processed but are removed during the Process.

VL0 Menu

```
12.0          10/23/XX            MENU: VL0MZ           13:45:46
              ------------------------------------------------
                          MERCEDES BENZ SERVICE
                     VARIABLE LENGTH TELECOMMUNICATIONS
              ------------------------------------------------

 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.  GEISCO Miscellaneous Menu
 5.  Print Requirements (830)              12.  Commerce Miscellaneous Menu
 6.  Print Acknowledgements (997)
 7.  Process Requirements (830)




                  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: Optional

Mercedes Service is coded to use the optional “print” method, which affects the breakdown, print, and process options.

Receive Data

(Option 1 on the VL0 menu)

```
VLD1005A
          Do you wish to delete previous Data received:  Y  (Y/N)
           NOTE:  A (Y) must be entered if the previous
                  receive was not completed successfully.


 F3=Exit
```

Process Requirements (830)

(Option 7 on the VL0 menu)

Special Processing

Note that the Purchase Order Number received in the FST09 segment is placed in the RAN field.

Type of Processing (C/N) flag must be blank in Requirement Master, F20 = Special Process.

Shift Exception

Requirements are not shifted. When shipped against (complete or partial), the requirement is removed during the “Extract.” The CUM required prior is set to equal the CUM shipped.

ASNs

```
12.0          10/23/XX            MENU: VL8MZ           13:52:26
             ------------------------------------------------------
                           MERCEDES BENZ SERVICE
                       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 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.

ASN Create

During the ASN Create the weight is recalculated and converted from pounds to kilograms. The Unit of Measure Abbreviation is then transmitted as kilograms (Kg) in the ASN file.

Maintain ASNs

(Option 1 on the VL8 menu)

ASN Maintenance Screen

```
                              ASN MAINTENANCE
  Company KB     Sequence number           OEM MZ     ASN V     Action Code O

Shipper # ..              In-House Part #                  Unit of Measure
Ship Date ..  0/00/00     Customer Part #
Ship Time ..
Cust Abrv ..              Plant ID ......
Dest Abrv ..
                          Container Qty .            Container Desc .
Qty Shp ....              Net Weight ....            Carrier Abbv ...
                          Tare Weight ...
Equip Desc .              Conv Code .....
Equip Initial             PO Number .....
Release #...
Conv Bill ..
Pro Number..                                         Collect Payment ..
Ran Number..                                         Pre-paid Payment .
                                                     Pre-paid Invoice..

F12=Return
```

- Company - Displays the company number that was previously entered.
- Sequence number - Assigned by the system.
- OEM - “MZ” for Mercedes Service.
- ASN - Defaults from the destination file. The ASN code can be changed at shipper entry time. Mercedes Service 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. Valid codes are the following:

  O - Original 00

Many fields on the ASN Screen default from various master files. However, many 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.
- Unit of Measure - 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 # - Mercedes Service'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.
- Cust Abrv - User-assigned abbreviation that must be entered in the Machine Readable file to return the correct customer code in the ASN file.
- Plant ID - Supplier code assigned by Mercedes Service. This is entered in the Supplier Code field in the Requirement Master and the Plant ID field in the Identification Code 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.
- Container Qty - The number of containers, which is calculated by dividing the quantity shipped by the package quantity entered in the Requirement Master A record. It can be changed at shipper entry time.
- Container Desc - 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.
- Qty Shp - Number of pieces shipped.
- 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.
- Carrier Abbv - Carrier Abbreviation (SCAC Code), which defaults from the Carrier Abbreviation field in the Carrier File.
- Tare Weight - 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.
- Equip Desc - The Equipment Description further describes the Conveyance Code. It defaults from the Carrier File.
- Conv Code - AIAG standard conveyance code, which describes the method of conveyance. Defaults from the Carrier File. It can be changed at shipper entry time. Valid values include:
  A - Air
  H - Customer pickup
  J - Motor
  R - Rail
  S - Ocean
- Equip Initial - Equipment initial (equipment owner's code) defaults from the Carrier File.
- PO Number - Purchase Order Number issued by Mercedes Service. Defaults from the Requirement B record.

- 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 defaults.

- Release # - Current release number from the Requirement B record.

- Pro Number - The Pro Number is supplied by the freight carrier and may be entered here or on the Update ASN Info Screen when the Create/Transmit option is taken.

- RAN Number - Receipt Authorization Number. Defaults from the Requirement B record.

Freight Payment Fields

One of the three freight payment fields must be marked and is then placed in the corresponding box on the shipper to indicate the method of freight payment. Data defaults from the Destination File. If no freight payment field is marked in the Destination File, the data defaults from the Control File.

- Collect Payment - Defaults “X” to designate the method of freight payment from the Destination File. If the Destination File is blank, it defaults from the Control File.

- Pre-Paid Payment - Defaults “X” to designate the method of freight payment from the Destination File. If the Destination File is blank, it defaults from the Control File.

Pre-Paid Invoice - Defaults “X” to designate the method of freight payment from the Destination File. If the Destination File is blank, it defaults from the Control 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.

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.