Infor BMW EDIFACT Global (JO)

Traditional

Publication Information

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Contents

Table of Changes

Changed By	Date	Reason	Update#	Section Changed
P. Vyshnavi	02/02/26	Update to say 830 clear flag should be marked if OEM sends full files and Corp ID should leave as blanks		Identification Code File, Requirement File – Clear Flags
A. Davison	11/17/21	New Keyword		Keyword
K. Feger	04/11/18	New	A118051502 A118051503 A118051504	Beta Supplement
K. Feger	05/15/18	GA Release of DELFOR and DESADV	A1180515xx A1180515xx A1180515xx	Remove Beta reference, add Freight Forwarder setup information

General Information

Transaction Sets and Versions

The BMW EDIFACT Global module supports the following transaction sets:

- DELFOR Version D04A
- DESADV Version D07A

The **DELFOR Forecast Delivery message** contains firm and planning requirements. Suppliers receive the message on a monthly, weekly, or daily basis. Each DELFOR contains only one part number. As a result, the supplier will receive multiple DELFORs for the same time period.

The **DESADV message** is defined as a package-based EDI message that is required to be transmitted immediately upon dispatch of the shipment from the supplier.

All BMW EDIFACT Global messages are received and sent in the EDIFACT format. However, EDIFACT messages are processed as X12 transaction sets within AutoRelease. They are identified on inquiries and reports as the equivalent transaction set number.

Application Control Keywords

* Enhanced Application Control Record

Conditional Keyword:

Keyword: CPSPERPALLET

Description: Generate a CPS loop per pallet DESADV
Valid keys: CO, OEM, Cust, Dest.
Entry Fields: Text
Valid Entries: 'Y' 'N'

Optional Keyword:

Keyword: ASNFLAGS

Description: New generic keyword for ASN function control. In BMW (JO) it overrides the serial data identifier.
Valid keys: CO, OEM, Cust, Dest, DIV, MY, Other.
(the OTHER key is to be filled with the function name to control)
Entry Fields: Text, Number, Date
Valid Entries: All three field are available, but for function CTNDATAID, MSTDATAID, and MIXDATAID only the text is used.

Default values sent out: Note that the word example has been add, so they are not on until you want them.

```
CO OEM Cust Dest DIV MY  Other key          Text Number Date
*  JO  *    *    *   *   CTNDATAID EXAMPLE   1J  .00000 2021-11-03
```

```
*  JO  *    *    *   *   MIXDATAID EXAMPLE   5J  .00000 2021-11-03
*  JO  *    *    *   *   MSTDATAID EXAMPLE   6J  .00000 2021-11-03
```

Miscellaneous Information

None

Security

Communication Method

BMW EDIFACT Global communicates through the ACM (Advanced Communications Module) component.

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

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

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

File Archiving / Auto Print and Process

(Option 3 on the AZ10 Menu - ACM)

```
AZD2008                      PROCESS PROFILE SETUP


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


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


F4=Prompt   F12=Cancel
```

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

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

Implementation

BMW EDIFACT Global requires the supplier to print & scan bar code since master, mixed, and container serial numbers are required on the ASN.

AutoScan has been modified for BMW EDIFACT Global to allow scanning the returnable container for both outer container (master label) & inner container (associated container label). Blanks are allowed since BOM may or may not be used by the supplier. If container Bill of Materials (container components) are used (such as trays, frames, lids, inlays, etc.), it is the supplier's responsibility to see that the container IDs that are expected to be included on the ASN be scanned using this same value. Bingo cards may be used. Container Bill of Materials will not extract into the bar code files unless containers are scanned.

Identification Code File

The Identification Code File is used when taking the option to "Split" a file received from BMW EDIFACT Global and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

```
                  IDENTIFICATION CODES
Company Number                  - xx
OEM Code                        - JO
Plant ID                        - Your Supplier Code
```

Press Enter to display remaining fields:

```
OEM ID                          - O0013000045BMW-AG
Corporate ID                    - Not used by BMW EDIFACT Global
Remit to Duns #                 - Not used by BMW EDIFACT Global
Transmission Mode               - P (Production)
Smart Labels                    - N
Pallet Staging                  - N
Bar Code File Transfer          - N
Variable Unwrap Print           - Y or N
Automatic print of 997          - N
AutoMap                         - N
```

Errors that occur during the "Split" that indicates a code is missing from the Identification Code File are referring to Plant ID or 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 Corp ID.

Trading Partnership File (EDIFACT)

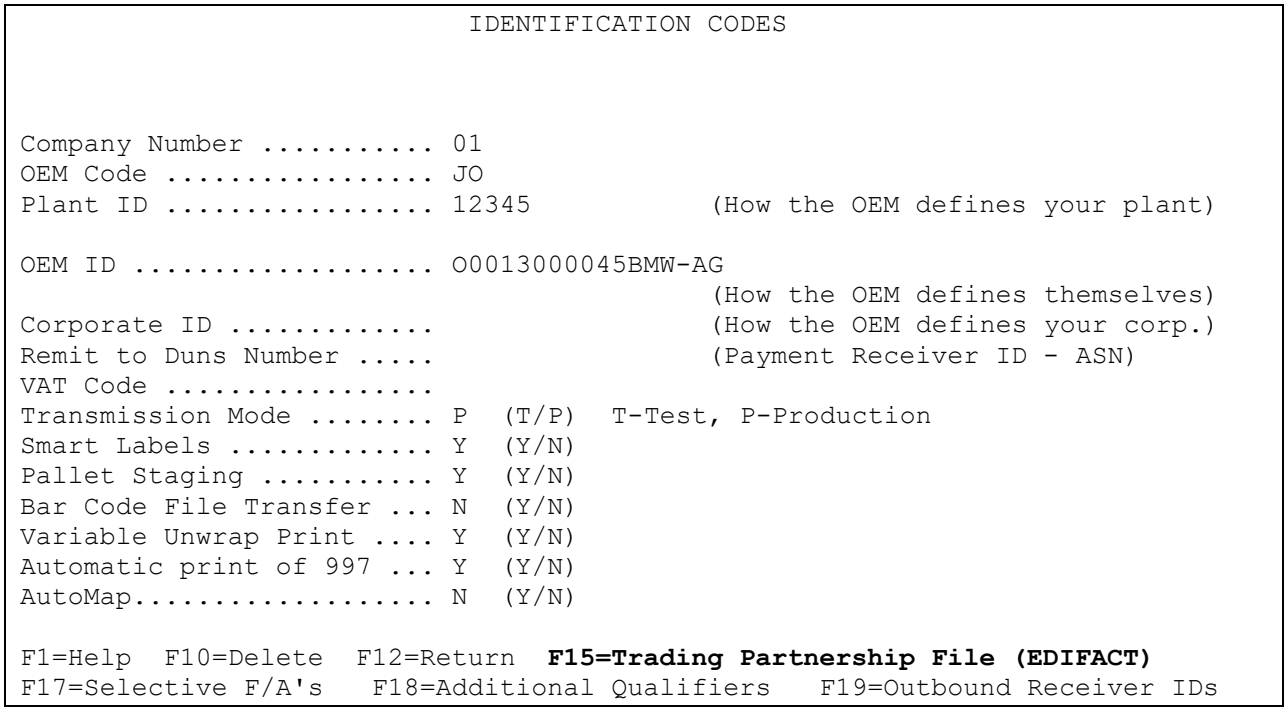
Machine Readable records MUST be entered BEFORE the trading partnership records can be created, because destinations are validated.

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 F15 (Trading Partnership File) after entering the appropriate data in the Identification Code File.

Steps to create default values:

1. Press F6 (Add) from the Trading Partnership review 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 (“E” for EDIFACT).
5. Press Enter. The Maintain Trading Partnership File screen displays.
6. Press F7 (Infor defaults):
7. Press F12 to return to the Trading Partnership review screen.



```
VLD9702P                  Maintain Trading Partnership File

 Company Number.......... 01              (A)ISA/(C)ICS/(E)Edifact:    E
 OEM Code................ JO
 Supplier ID............. 12345
 Customer Abbrv(O).......
 Destination Abbrv(O)....
 EDIFACT Message Type.... DESADV
 User Define Description: DESADV MESSAGE -07A            Active (Y)/(N):  Y
        UNB - Qualifier/Information
Sender:   01     109109                                  Syntax ID:      UNOC
Receiver: 01                                             Syntax Version: 3
        UNG - Qualifier/Information
Sender:   01   109109                                   Processing Option:     P
Receiver: 01                                            P=Print Before Sending
                                          Hexadecimal Code
 Version...........:  D                Sub Element Separator:     7A
 Release Number....:  07A              Data Element Separator:    4E
 Responsible Agency:  UN               Segment Terminator:        7D
 (T)est/(P)roduction: P                Acknowledgement Requested: N

F7=Create Infor Defaults  F12=Return
```

Processing Option: Optional. (P) Allows a spooled file to be generated and viewed before sending the transaction.

If you need to suppress the UNB sender and receiver qualifiers on the BMW EDIFACT Global(JO) DESADV change values to !!!!.

For example:

```
VLD9702P                  Maintain Trading Partnership File

 Company Number.......... 01        (A)ISA/(C)ICS/(E)Edifact:    E
 OEM Code................ JO
 Supplier ID............. SUPPLIERS ID
 Customer Abbrv(O).......
 Destination Abbrv(O)....
 EDIFACT Message Type.... DESADV
 User Define Description: DESADV MESSAGE -07A    Active (Y)/(N):  Y
        UNB - Qualifier/Information
Sender:   !!!! SUPPLIERS ID                Syntax ID:      UNOC
Receiver: !!!! BMW EDIFACT ID              Syntax Version: 3
        UNG - Qualifier/Information
Sender:   01                              Processing Option:     P
Receiver: 01                              P=Print Before Sending
                                                 Hexadecimal Code
 Version............:  D        Sub Element Separator:     7A
 Release Number....:  07A      Data Element Separator:    4E
 Responsible Agency:  UN       Segment Terminator:        7D
 (T)est/(P)roduction: P        Acknowledgement Requested: N

F7=Create Infor Defaults  F12=Return
```

Application Control File Records

If shipping loose containers to BMW EDIFACT (JO), set up new keyword to create DESADV in an acceptable format.

Keyword, CPSLOOPPERCONT when set up and set to 'Y' will create a CPS loop per container for loose containers.

Keyword: CPSLOOPPERCONT
Description: Generate a CPS loop per loose container DESADV
Valid keys: CO, OEM, Cust, Dest.
Entry Fields: Text
Valid Entries: 'Y' 'N'

From the main menu select System Maintenance (option 11),
  Application Control File Maintenance (option 17)
    Enhanced Application Control File Maintenance (option 1),
      Enter the keyword into the position to field and select
      with a 1.

Find your entry or F6 to add a new entry.
Fill in the keys with a value or a wild "*"

Carrier Master File

BMW EDIFACT Global does not use AIAG standard Conveyance Codes. A valid VDA Conveyance Code must be included on the ASN / DESADV.

Valid Conveyance Codes:

10 = maritime transport

20 = rail transport

30 = road transport

40 = air transport

50 = mail

Valid Equipment Description:

CN = Container

RR = Rail car

SW = Swap body

TE = Trailer

Destination Master File

Bar Code Requirements

BMW EDIFACT Global requires the use of bar code labels and the ASN/DESADV type must be “C” to include bar code data in the DESADV.

Terms of Delivery

The terms of delivery are sent out on the ASN in the TOD segment. This data is entered in the FOB field on the first page of the Destination Master File.

CIF – Cost, Insurance, Freight (…named port of destination)

CPT – Carriage Paid To (…named place of destination)

DAF – Delivery at Frontier (…named place)

EXW – EX Works (…named place)

FCA – Free Carrier (…named place)

Example: TOD + 6 ++EXW

Name Master File

BMW has two Name fields and two address lines in the NAD+BY and NAD+ST segments. These data elements have a value of 35 characters each. In order to send this information in the format required by BMW, the Name File will be used to accommodate values that will not fit or are not available in the Customer and Destination Masters.

From File Maintenance Menu:

Option 19. Name File Maintenance:

Set up a name record for OEM JO and Qualifier BY

Set up a name record for OEM JO and Qualifier ST

Make note of the name number you used to create these records.

From File Maintenance Menu:

Option 9. Destination

Select your BMW EDIFACT Global destination master

Place the name numbers into the Names: fields to associate the name records to destination.

This will allow the longer fields to be used for the DESADV create.

If the Name File is not set up, the DESADV will contain the values from shipping history to populate the NAD segments.

In the Destination Master File, if the Name 1, Name 2, Address 1 or Address 2 are not long enough to hold BMW EDIFACT Global's full name or address values, you will need to create a Name File record for OEM JO and qualifier ST and then associate it to the Destination Master File.

Fill out the OEM, Qualifier, Name 1, Name 2, Address 1, Address 2 if the values did not fit in the Destination Master File. All other fields are optional. During DESADV create, each NAD data element will look at the Name File first. If there is a value, it will be used. Otherwise, the value from the shipper will be used. This applies to the Buyer and Ship-to NAD segments only.

```
                    MAINTAIN NAME MASTER FILE
               Company Number ..   KF  FEGER INDUSTRIES
               Number ..........   98

Name ...... SHIP TO NAME
Name 2 ....
Name 3 ....
Name 4 ....
Name 5 ....
```

```
Address 1 . SHIP TO ADDRESS 1
Address 2 . SHIP TO ADDRESS 2
Address 3 .
Address 4 .
City ..... SHIP TO CITY
State ..... ST
Zip Code .. STZIP
Country ... STC                                Country Subdiv
Vat Number                                     Code List ID..
Tax Code ..                                    Code List Agent
Addtl ID ..
Qualifier . ST
OEM ....... W
F7=Report   F10=Delete   F12=Cancel
```

Freight Forwarder Preference

Enter the Freight Forwarder internal number into the “Frt Fwd Pref” field. This value will flow through to the DESADV. It can be changed on the ASN INFORMATION screen during shipper maintenance or in the DESADV maintenance or DESADV Create.

Freight Forwarder

Freight Forwarder information is required on the DESADV. Enter the following values:

Freight Forwarder Code = Freight Forwarding number including the 2-digit index

Freight Forwarder Name

Freight Forwarder City

Master File Entry

The entry of each master file is NOT explained in this document. Only the master files that require unique entry to accommodate specific business practices for this trading partner are noted.

Requirement Master File (Header)

```
JTDMAINT2                  REQUIREMENT MASTER ENTRY                      CHANGE

Company 01  Customer JOCUST   Part  I-7496265-03   Destination JODEST   MY

Customer Part # ....  7496265-03                OEM Code ....... JO
Supplier Code ...... 12345                      OEM Division ...
Customer # .........      1025                 Destination # ......
123456
Commodity Code ..... 100                        Unit of Measure .... PCE
Controlling Source .                            Price Code ......... A
Dock Code ..........                            Trailer Capacity ...
Container Part # ... 100                        Package Quantity ...      20
 _________ MRP _________   _______ Reports _______   ________ Clear ________
 866   862   830 X 850     866   862   830 X 850     866   862   830 X 850
                            Process P.O.s
 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
```

Requirement File - Clear Flags

The Requirement Master 830 clear flag should be marked as X, only if OEM sends full files.

Requirement File - Report Flags

The Requirement Master report flags should be marked for 830s ONLY.

Requirement File – Special Processing

The 'Load Past Due' field is used when building the Load File and/or the MRP File to determine how to place past due requirements (that have been shifted out of the Requirement File).

'Y' - Load file ONLY. Past due requirements are retrieved individually, from the shift history file, including all detail (Purchase Order Number, release number, RAN, engineering revision level, etc.) pertaining to the requirement and placed in the Load File.

'B' - Past due requirements with all detail will be placed in both the Load File and the MRP File.

It is recommended that you mark this flag to retain all detail from the past due requirements that have previously shifted out of the Requirements File (Y or B).

Container Master & Bill of Material Master Files

The Container Master File record must contain accurate information with data in BMW's container management system. For containers with multiple packaging components/dunnage, set the returnable container flag to either Y or N, the BOM/Dunnage File flags must be set to Y, and the F13 = BOM Maintenance setups completed. For containers and reference pallet container records, place the owner code in the OEM Special Processing field. Use O = OEM, S = Supplier owned, 3 = 3rd part owned.

CONTAINER (1st Screen):

```
                        MAINTAIN CONTAINER MASTER FILE

                  Company Number ............. KB
                  Container Number ........... 7894
                  Customer Abbreviation ......
                  Destination Abbreviation ...

      Customer Container Number .............
      Internal Container Description ........
      ASN/DESADV Cont Desc/Cont Desc ........        /
      Returnable Container (Y/N/X) ..........
      Print Ctn on Separate Line (Y/N) ......
      Relieve Inventory (Y/N) ...............
      Use BOM/Dunnage Information (Y/N) .....
      Container Weight (5) ..................
      Print/Extract BOM (Y/N) ...............
      Multiple Line Items/Container (Y/N/M)..
      Combine Partial Containers (Y/N).......
      Harmonized System Code ................
      Country of Origin .....................
      OEM Special Processing ................
F1=Help   F12=Return   F13=BOM Maintenance   F14=Cum Shipped
```

CONTAINER (2nd Screen):

```
                         MAINTAIN CONTAINER MASTER FILE
                  Company Number ............. 01
                  Container Number ........... 3103930
                  Customer Abbreviation ......
                  Destination Abbreviation ...

       ASN/DESADV Pallet Desc / Pallet Desc .. PLT90 / PLT90
       Pallet Weight (2) .....................    15.00
       Pallet Capacity .......................     4
       Reference Pallet Number ............... BMWPALLETA
       Default Shipping Location .............
       Default Warehouse Location ............
       Default Consignee Location ............
       Default Consignee Warehouse ...........
       Container Value for Export Papers (2)..
       Credit Account Number .................
       Debit Account Number ..................
       Price Code ............................

 F1=Help   F8=Addl Info   F10=Delete   F12=Return
```

REFERENCE PALLET (1st Screen):

```
                    MAINTAIN CONTAINER MASTER FILE

                  Company Number ............. 01
                  Container Number ........... BMWPALLETA
                  Customer Abbreviation ......
                  Destination Abbreviation ...

       Customer Container Number ............. 3100062
       Internal Container Description ........ BMW EDIFACT GLOBAL RETURNABLE
       ASN/DESADV Cont Desc/Cont Desc ........ PLT90  /  PLT90
       Returnable Container (Y/N/X) .......... Y
       Print Ctn on Separate Line (Y/N) ...... Y
       Relieve Inventory (Y/N) ............... N
       Use BOM/Dunnage Information (Y/N) ..... Y
       Container Weight (5) ..................
       Print/Extract BOM (Y/N) ............... Y
       Multiple Line Items/Container (Y/N/M).. N
       Combine Partial Containers (Y/N)....... N
       Harmonized System Code .................
       Country of Origin ......................
       OEM Special Processing .................

 F1=Help   F12=Return   F13=BOM Maintenance   F14=Cum Shipped
```

REFERENCE PALLET (2nd Screen):

```
                        MAINTAIN CONTAINER MASTER FILE

                  Company Number ............. 01
                  Container Number ........... BMWPALLETA
                  Customer Abbreviation ......
                  Destination Abbreviation ...

       ASN/DESADV Pallet Desc / Pallet Desc ..        /
       Pallet Weight (2) ......................
       Pallet Capacity ........................
       Reference Pallet Number ................

       Default Shipping Location ..............
       Default Warehouse Location .............
       Default Consignee Location .............
       Default Consignee Warehouse ............
       Container Value for Export Papers (2)..
       Credit Account Number ..................
       Debit Account Number ...................
       Price Code .............................

 F1=Help   F8=Addl Info   F10=Delete   F12=Return
```

BILL OF MATERIAL (BOM) FOR REFERENCE PALLET

```
                    MAINTAIN CONTAINER BILL OF MATERIAL FILE


 Options:  1=Select  4=Delete

                                        Cust     Dest     Component
       Opt   Co    Container Part       Abbrev   Abbrev   Part Number
       GE    01
             01    BMWPALLETA                             BMWLID
             01    BMWPALLETA                             BMWPALLET
```

LID: (must enter * fields for BMW EDIFACT Global)

```
                MAINTAIN CONTAINER BILL OF MATERIAL FILE


                Company Number ............. 01
                Container Part Number ...... BMWPALLET
                Customer Abbreviation.......        (O)
                Destination Abbreviation ...        (O)
                Component Part Number ...... BMWLID


     Customer Component Part Number ........ *3101208
     Quantity Per Container ................ *1
     Weight (5) ............................ *20.0
     ASN/DESADV Cont Desc / Cont Desc ...... LID90 / LID90
     Price Code ............................

     Calculate quantity based upon percentage       Dimensions:
       of package quantity? (Y/N) ........... N       Height .......
                                                Length .......
     Component Owner (S/O) ......... *O              Width ........
     Returnable (Y/N) .............. *Y              U of M .......
     Component Type (P/C/APx/ACx) .. AP
     Aux Pkg Assigned to Container . 3100062

F1=Help   F10=Delete   F12=Return            F14=Cum Shipped
```

PALLET: (must enter * fields for BMW EDIFACT Global)

```
                    MAINTAIN CONTAINER BILL OF MATERIAL FILE


                 Company Number ............. 01
                 Container Part Number ...... 3103930
                 Customer Abbreviation.......        (O)
                 Destination Abbreviation ...        (O)
                 Component Part Number ...... BMWPALLET


      Customer Component Part Number ........ *3100062
      Quantity Per Container ................ *1
      Weight (5) ............................ *25.0
      ASN/DESADV Cont Desc / Cont Desc ...... PLT90 / PLT90
      Price Code ............................

      Calculate quantity based upon percentage
       of package quantity? (Y/N) ............ N
     Calculate quantity based upon percentage       Dimensions:
       of package quantity? (Y/N) ........... N       Height .......
                                                      Length .......
     Component Owner (S/O) ......... *O               Width ........
     Returnable (Y/N) .............. *Y               U of M .......
     Component Type (P/C/APx/ACx) .. P
     Aux Pkg Assigned to Container .

F1=Help   F10=Delete   F12=Return            F14=Cum Shipped
```

In the PAC segment for each pallet, container and auxiliary packaging (i.e. lid, trays, etc.) there is a value which indicates if the packaging is returnable or expendable and whether the packaging is owned by BMW or the Supplier.

AAA - One way packaging, supplier pays
AAB - One way packaging, customer pays
AAC - Customer's returnable package item
AAD - Supplier's returnable package item
AAE - Service provider's returnable package item

For packaging that has a bill of material (i.e. reference pallet, lids, trays) you will need to set up the Component Owner and Returnable fields with the appropriate values.

* Component Owner (S/O) ..... S
* Returnable (Y/N) ..... Y

Note: The component owner code for 3rd party packaging will be added at a later date.

If the component owner and returnable flag are marked, the following codes are sent back on the DESADV:

	Owner	Returnable
AAA	S	N
AAB	O	N
AAC	O	Y
AAD	S	Y
AAE	3	Y

During the DESADV create, if the correct values cannot be determined due to missing returnable or ownership fields, then the returnable flag from the ASN record for the container will be used and the owner will default to the OEM (AAB for one way packaging and AAC for returnable packaging). If no information is found for the container

CUM Required Prior

BMW EDIFACT Global sends both CUM Required (which includes all past and current orders) and CUM Received. The CUM Received is placed in the CUM Required Prior field. Therefore, it is not necessary to enter a CUM Required figure manually before going live. The CUM Required that is transmitted overlays what was entered manually.

The CUM Required Prior is used to calculate ahead and behind figures and to round to package quantity. Enter the CUM Required Prior when entering a BMW EDIFACT Global manual requirement or while testing. To enter, press F5 or select a part from the Manual Requirements Entry screen.

EDI Code File

BMW EDIFACT Global transmits a numeric code that AutoRelease converts to an alpha type and frequency code.

Type Codes

Use type C (Firm) or type D (Planning) when entering records in the EDI Code File.

DELFOR/830:

- Code 1 (Firm) converted to C (Firm)
- Code 10 (Immediate) converted to C (Firm)
- Code 4 (Planning) converted to D (Planning)
- Code 24 (User-defined) converted to C (Firm)

Unit of Measure Codes

BMW EDIFACT Global requires the following Unit of Measure codes:

- PCE – Piece
- KGM – Kilogram
- LTR – Liter
- MTR – Meter
- MTK – Square Meter
- SET – Set
- C62 – One

VL0 Menu

```
VLD0000JO      4/11/XX            MENU: VL0JO           12:03:34
12.0          ---------------------------------------------------
                          BMW EDIFACT GLOBAL
                    VARIABLE LENGTH TELECOMMUNICATIONS
              ---------------------------------------------------

                    1.  Receive Data
                    2.  Split Network Data into OEM files
                    3.  Breakdown Data
                    4.  Acknowledge Received Data
                    5.  Print Acknowledgements (CONTRL)
                    6.  Print Requirements (DELFOR)
                    7.  Process Requirements (DELFOR)
                    8.  Application Advice Menu (APERAK)




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

                                    Option
```

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

Requirement Processing

- DELFOR (830) will contain both firm and planning requirements.

Shipper Entry

- Arrival Date & Time must be added to the Shipper header record.
- Logistics # can be entered on the ASN Information Screen and should contain the ProTrans #

Scanning

BMW EDIFACT Global requires the packaging information to be scanned during the Scan to Verify process. After the label serial number is scanned, you will be prompted for the container information.

Scanning Pallets

The BMW EDIFACT Global Container number for the master or mixed pallet needs to be entered in the Returnable Container field. If the pallet has a lid or trays, the BMW EDIFACT Global number for the lid/tray should be entered in the IPP Tag 2 field and the quantity of the lid/tray should be entered in the Reason Code under the IPP Tag 2 field.

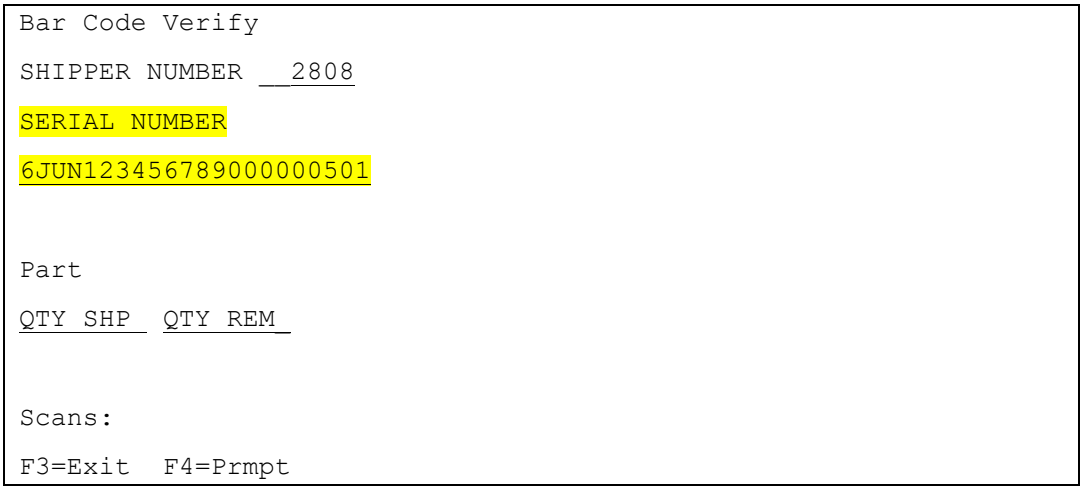
Scanning Containers

The BMW EDIFACT Global Container number for the container needs to be entered in the Returnable Container field.

Example of Pallet Scan:

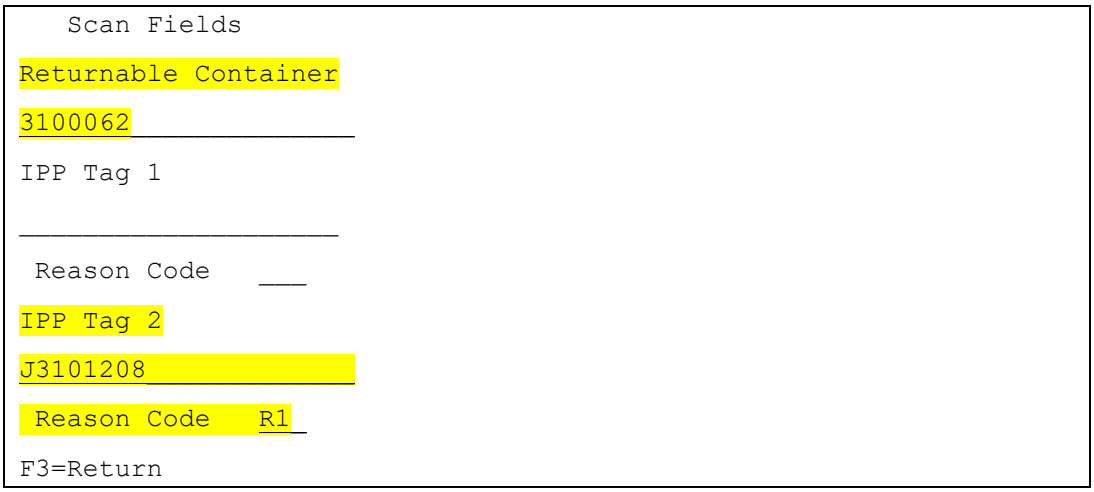
Master or Mixed Label 1st Screen

Scan the Master (6J) or Mixed (5J) Serial number(s)



Master or Mixed Label 2nd Screen

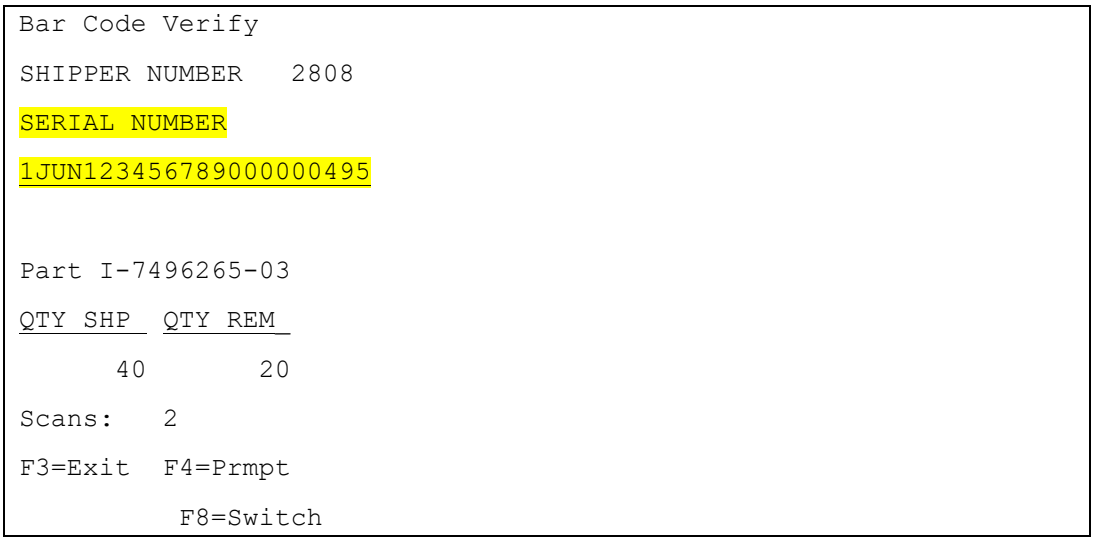
Enter the pallet number in the returnable container field (no qualifier), put the lid/trays part number in the IPP Tag 2 field with qualifier of J and put the number of lid/trays in the Reason Code with a qualifier of R



Example of Container Scan:

Container label 1st Screen

Scan the Container (1J) Serial number(s)



Container label 2nd Screen

Enter the container number into the returnable container field. Leave the rest of the fields blank.

```
  Scan Fields
Returnable Container
3103930_______________
IPP Tag 1
_____________________
 Reason Code    ___
IPP Tag 2
_____________________
 Reason Code    ___
F3=Return
```

DESADV

DESADV Header Maintenance screen

```
VLD810JO1                     DESADV FILE MAINTENANCE
Sequence number      219          Company   01           Action Code  O
--------------------------------------------------------------------------------
Ship/Inv # ...     186    OEM ............ JO       Cust Abrv ...... JOCUST
Ship Date ....   4/09/XX  DESADV ......... C        Dest Abrv ...... JO78
Ship Time .... 12:07      Net Weight .....    2000  Dock ........... 30803
Ship Line # ..          1 Tare Weight ....    12    Model Year .....
Arrival Date .   5/09/XX  Container Qty ..     8    Carrier Abv/No.. OBEX /  87
Arrival Time . 14:30      Cont Desc ...... CTN37    Equip Desc ..... TE
Qty Shp ......       400  Pallet Qty .....   2      Equip Init ..... EQUP
Unit of Mea .. PCE        Pallet Desc .... PLT94    Conv. Code ..... 30
Qty Per Pack..       50   Return Cont .... N        Honda Dest .....
Reqmnt Dt/Tm . 12/01/XX         Plant ID ...... 12345678          LinFed
Release Date .  3/21/XX         Cust Prt # .... 7496265-03
In-House Prt#  7496265-03       Part Desc ..... PART DESC FOR 7496265-03
P.O. # ....... 3537335          Eng Rev Lvl ...
P.O. Line # ..                  Lot No ........                  Frt Fwd 101
RAN ..........                  Vendor Part ...
Country Org .. US               Place of Dlvy . 5L1
Conv Bill # .. TR 1596548       Carrier Name .. BMW JO CARRIER
Pro Number ... PRO#186ASNINFO   Lgs Prv #  LOG#185
F10=Delete   F12=Return                          F15=Prompt Freight Forwarder
```

DESADV Type must be C (defaults from Destination Master).

Ship Date:	Transmitted in the DTM + 11 segment.
Ship Time:	Transmitted in the DTM segment.
Carrier Conveyance Code:	Transmitted in TDT 03.
Arrival Date:	Transmitted in DTM + 132.

DESADV Detail Maintenance screen

Cust Part #:	Transmitted in the LIN segment.
Ship Qty:	Transmitted in the QTY + 113 segment.
PO Number:	Transmitted in the RFF+ON segment.

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'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.

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 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/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.