Infor Nissan of Tennessee (S)

Traditional

Contents

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Changed By	Date	Reason	Update#	Section Changed
K. Radtke	9/2/16	Add 997	A116072804	Nissan Mexico
K. Radtke	9/2/16	Version Upgrade	A116072701	Nissan Mexico
K. Radtke	9/2/16	New Application Keyword for 856	A116071803	Nissan Mexico
K. Radtke	9/2/16	Added China	A115040902	NEC
K. Radtke	9/2/16	Enhanced PXCO#	A114052309	Application Control File
K. Radtke	9/2/16	Added Russia	A113101202	NEC
K. Radtke	7/17/15	Data identifier on Master Label	A112090604	Bar Code
K. Radtke	7/16/15	Nissan Mexico ASN	A112022003	Application Control File
K. Radtke	7/17/15	Display additional detail information	A109033109	142 Claim Form
K. Radtke	7/17/15	Factura Prefix	A109022610	Forms Control File
K. Radtke	7/17/15	Nissan 862	A109013008	New Transaction Set

General Information

Transaction Sets and Versions

The Nissan of Tennessee module supports the following transaction sets:

- 142 Product Service Claim   Version 3040
- 820 Remittance Advice   Version 3010
- 824 Application Advice   Version 4010
- 830 Material Release   Version 4010
- 840 Request for Quote   Version 3010
- 843 Response to RFQ   Version 3050
- 850 Purchase Order   Version 3010
- 856 ASN   Version 2001 for Nissan Motors and Nissan sequence Requirements
  Version 3010 for Nissan Logistics (NEC)
  Version 4010 for Nissan Mexico
- 860 PO Change Request   Version 3010
- 861 Receiving Advice   Version 4010
- 862 Ship Schedule   Version 4010
- 866 Production Sequence   Version 4010
- 997 Functional Acknowledgement   Version 3010

The **142 (Product Service Claim)** is used to provide the supplier with claim details.

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

The **824 (Application Advice)** is sent by Nissan of Tennessee to the supplier to convey errors, rejection, or approval.

The **830 (Material Release)** contains daily release schedules.

The **840 (Request for Quote)** is sent by Nissan of Tennessee for a part quote.

The **843 (Response to RFQ)** is a response to the requested quote transmitted to Nissan of Tennessee.

The **850 (Purchase Order)** is used by Nissan of Tennessee to establish pricing. The 850 data is not processed into the Requirement Load Files.

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

The **860 (PO Change Request)** changes the corresponding 850.

The **861 (Receiving Advice)** reports discrepancies between the ASN and the actual shipment.

The **862 (Ship Schedule)** provides suppliers with specific information about what parts to prepare for shipment on a carrier arranged by Nissan. The 862 does NOT affect requirements, MRP, or any other processing. The 862 is used for printing the Nissan Ship Schedule Load Sheet only.

The **866 (Production Sequence)** contains firm ship requirements.

The **997 (Functional Acknowledgement)** is required to be transmitted to acknowledge the received requirements, within the time frame defined by Nissan of Tennessee. A 997 is sent by Nissan of Tennessee to acknowledge the transmitted 856.

Miscellaneous Information

Containers print on the shipper as separate line items.

Unlimited Company Processing

The ability to submit up to 500 companies, or "unlimited company processing," is available for the manual or AutoReceive, Breakdown, Print, and Process options. These companies are entered in user profiles. For more information on entering companies in user profiles, see the section "Set Up Security File" in Chapter 11 of the AutoRelease Main Manual.

Security

Communication Method

Nissan of Tennessee 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

Implementation

Forms Control File

If the Mexican Government requires an alpha prefix appended to the Factura number on the ASN, enter the Factura prefix in Forms Control File Maintenance. When creating a shipper, invoice or ASN that requires a Factura Number, the Factura prefix will be retrieved from the Forms Control File and displayed on the Factura Maintenance screen. The Factura prefix will then be written to the Factura File along with the Factura Number. The Factura prefix can only be changed in the Forms Control File. If the Factura prefix has changed and needs to be changed for an existing shipper/ASN, the option to update the Factura prefix from the Forms Control File can be selected during Factura File Maintenance.

The Factura Prefix will be retrieved from the Forms Control File and written to the Factura File. It will then be retrieved during ASN create, appended to the Factura Number and appear on the ASN in the BSN02 segment. The Factura Prefix will also appear on the ASN listing appended to the Factura Number.

Identification Code File

The Identification Code File is used when taking the options to "Split" and "Breakdown" a file received from Nissan of Tennessee and when transmitting ASNs. The Identification Code File is used differently by different manufacturers.

At least three records must be created for Nissan of Tennessee, one record with your DUNS number in the Plant ID field, one record with your supplier code in the Plant ID field and one record with SUPPID 997 in the Plant ID field. Additional records are required when communicating with specific departments, such as logistics, purchasing and/or accounting.

Initial Record (Trading Partnership File Required)

```
Company Number                  - xx
OEM Code                        - S
Plant ID                        - Your DUNS Number *

OEM ID                          - Nissan of Tennessee's DUNS Number
Corporate ID                    - Your DUNS Number
Remit to Duns Number            - Your DUNS Number
VAT Code                        - Tax ID
Transmission Mode               - Not used by Nissan of Tennessee
Smart Labels                    - Y or N
Pallet Staging                  - Y or N
Bar Code File Transfer          - Y or N
Variable Unwrap Print           - Y or N
Automatic print of 997          - Y or N
AutoMap                         - N
```

The first identification code record uses only your DUNS number in the Plant ID field and Nissan of Tennessee's DUNS number in the OEM ID code field. This record is used for transaction sets that are received with no department code.

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.

∗ If Nissan of Tennessee uses more than one DUNS number to represent your plant, additional Identification Code records must be entered for each DUNS used. Nissan of Tennessee sends your DUNS in the GS03 segment, if the supplier is identified by more than one DUNS, multiple GS03 segments (one for each DUNS) are received from Nissan of Tennessee.

Identification Code File

Nissan of Tennessee appends your DUNS number with different department codes when transmitting different transaction sets. A separate record must be entered for each department code Nissan of Tennessee transmits where the Plant ID field contains your DUNS number + the four-position department code assigned by Nissan of Tennessee and the OEM ID field contains Nissan of Tennessee's DUNS number + the four-position department code.

Department Record

```
Company Number              - xx
OEM Code                    - S
Plant ID                    - xxxxxxxxxzzzz
Your DUNS Number + Nissan of Tennessee's department code


OEM ID                      - yyyyyyyyyzzzz
Nissan of Tennessee's DUNS + Nissan of Tennessee's department code
Corporate ID                - Your DUNS Number
Remit to Duns Number        - Your DUNS Number
VAT Code                    - Tax ID
Transmission Mode           - Not used by Nissan of Tennessee
Smart Labels                - Y or N
Pallet Staging              - Y or N
Bar Code File Transfer      - Y or N
Variable Unwrap Print       - Y or N
Automatic print of 997      - Y or N
AutoMap                     - Y or N
```

xxxxxxxxx = Your DUNS Number
yyyyyyyyy = Nissan of Tennessee's DUNS Number
zzzz = Department Code

Nissan of Tennessee's Department Codes:

• Purchasing: PURT Test for transaction sets 840, 843, 850, 860

• PURP Production 840, 843, 850, 860

- Accounting: APPT Test for transaction set 820
                   APPP Production 820

- Logistics: NPCT Test for transaction sets 830, 856
                   NPCC Production 830, 856

Plant ID Record

The last record requires your supplier code in the Plant ID field.

```
Company Number              - xx
OEM Code                    - S
Plant ID                    - Your Supplier Code

OEM ID                      - Nissan of Tennessee's DUNS Number
Corporate ID                - Your DUNS Number
Remit to Duns Number        - Your DUNS Number
VAT Code                    - Tax ID
Transmission Mode           - Not used by Nissan of Tennessee
Smart Labels                - Y or N
Pallet Staging              - Y or N
Bar Code File Transfer      - Y or 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.

SUPPID 997 Record (Trading Partnership Record Required)

Nissan of Tennessee requires consecutive ISA and GS control numbers in the EDI enveloping. To accomplish this, an Identification 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                          - S
Plant ID                          - SUPPID 997

OEM ID                            - Not used by Nissan Tennessee
Corporate ID                      - Not used by Nissan Tennessee
Remit to Duns Number              - Not used by Nissan Tennessee
VAT Code                          - Tax ID
Transmission Mode                 - Not used by Nissan Tennessee
Smart Labels                      - Y or N
Pallet Staging                    - Y or N
Bar Code File Transfer            - Y or N
Variable Unwrap Print             - Y or N
Automatic print of 997            - Y or N
AutoMap                           - Y or N
```

Trading Partnership File

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

The Trading Partnership File is used to enter data to be used in the "enveloping" of the electronic file being transmitted instead of using the Identification Code File and the hard-coding within the programs. When a trading partner changes their enveloping, the change may be made, by the user, in the Trading Partnership File, instead of waiting for a program change.

Press F14 (Trading Partnership File) after entering the appropriate data in the Identification Code File. Only the Identification Code File with the DUNS number in the Plant ID field and the SUPPID 997 records require trading partnership records.

Steps to Create Default Values

1. Press F6 (Add) from the ISA List screen.

2. Abbreviations may be entered. Nissan of Tennessee requires a separate record for each division. The first record created is a template and is copied and modified to create each required record and then deleted. Therefore, it is recommended to leave the customer and destination records blank at this time.

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). For the Initial record:

   - Four ISA records are created: one for 843s, one for 856s Nissan Motors, one for 856s Nissan Mexico, one for 856s Nissan Logistics.

   - Four GS records are created, one for each ISA.

   - The ISA defaults display for the 843 record. Modifications are needed for the ISA 843 detail record and the GS level.

   - A separate trading partnership record is required for each of the three Nissan divisions: Nissan Motors, Nissan Logistics, and Nissan Mexico. If shipping to more than one division, copy each 856 record and assign Customer and Destination Abbreviations. Modifications are needed only when sending a test file.

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

1. Press Enter. The ISA list displays.

2. Select the 843 template record with "1."

3. Press Enter. The 843 defaults display.

ISA Detail Screen (843)

```
                    Maintain Trading Partnership File

Company Number.......... 13                      (A)ISA/(C)ICS/(E)EDIFACT: A
OEM Code............... S
Supplier ID............. 123456789
Customer Abbrv(O).......
Destination Abbrv(O)....

User Define Description: N_____

           Qualifier/Information
Authorization: 00 _____           Active (Y)/(N): Y
Security: 00 _____
Sender: 16 123456789
Receiver: 16 054481205PURT

                                        Hexadecimal Code
Control Standards ID: U          Sub Element Separator: 6E
Version Identifier: 00300        Data Element Separator: 5C
                                   Segment Terminator: 0D
Computer Generated ISA Control Number: N

F7=Update Infor Defaults F8=OEM Commun.  F10=GS Level  F12=Return
```

User Define Description	-	Enter a description to represent the 843.
Sender	-	Enter your DUNS number + four position code to indicate test (PURT) or production (PURP)
Version Identifier	-	For 843s change the version identifier to 00305.
Computer Generated ISA Control Number	-	Enter N.

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.
Hexadecimal Code	-	If using the GEIS or Advantis network for communications, use the default value "0D." If using IBM/Advantis FTP, enter a valid hex code. Contact IBM/Advantis for valid hex codes.

1. Press F10 (GS Level). The GS list screen displays.

2. Select the 843 transaction set record with "1" to display the GS detail screen with the default data.

3. Press Enter.

GS Detail Screen (843)

```
                    VLD9702E Maintain Functional Identifier

 Company Number.......... 13
 OEM Code................ S
 Supplier ID............. 123456789
 Customer Abbrv(O)....... NISSAN
 Destination Abbrv(O).... NISMEX
 Transaction Type........ 843

                                              Non Repeating Transaction
 Functional Identifier: RR                        Control Number:
 Application Sender: 123456789
 Application Receiver: 054481205 ST Control#:
 Responsible Agency Code: X
 Version/Release/Industry: 003000
 (T)est/(P)roduction: P
 Acknowledge Requested: N


 Last Date Used: 0/00/00
 Last Time Used:
 Number Times Used:                                   Processing Option:
 Computer Generated Group Control Number: N          P=Print Before Sending
```

Version/Release/Industry   -   Enter 003030.

Processing Option   -   This option is not available to Nissan of Tennessee.

Required changes for the SUPPID 997 record:

Application Sender   -   Leave blank. The system creates the Sender ID from the
                                        incoming Receiver ID.

Application Receiver   -   Leave blank. The system creates the Receiver ID from
                                        the incoming Sender ID.

Press Enter to return to the GS list screen.

- Copy and modify this template record for each Nissan of Tennessee division:

  a. Enter "3" next to the template record to copy.
  b. Press Enter.

Copy Window (856)

```
        Copy Record to:
Company: 13
OEM:     S
Supplier ID: 123456789
Cust Abbrv: NISMEX
Dest Abbrv: MEXICO


F12=Return
```

1. Enter the Customer (required) and Destination (required) Abbreviations.
2. Press Enter.
3. Select the copied record with "1." Press Enter. The ISA detail screen displays.
4. Make the required changes listed below.

User Define Description: Enter a description to represent the 856 for this division.

Required changes for Nissan Logistics, testing only:

Sender: Enter NMCT at the end of the Sender ID for Nissan Logistics testing.

Receiver: Enter NMCT at the end of the Receiver ID for Nissan Logistics testing.

Required changes for Nissan Motors when using GEIS, testing only:

Receiver Qualifier: Enter "ZZ."

Receiver ID: Enter "NISSANTEST."

1. Press F10 (GS Level). The GS list screen displays.

2. Select the 856 transaction set record with "1" to display the GS detail screen with the default data.

3. Press enter.

GS Detail Screen

```
VLD9702E                  Maintain Functional Identifier

Company Number.......... 13
OEM Code................ S
Supplier ID............. 123456789
Customer Abbrv(O)....... NISSAN
Destination Abbrv(O).... NISMEX
Transaction Type........ 843
                                              Non Repeating Transaction
Functional Identifier: RR                          Control Number:
Application Sender: 123456789
Application Receiver: 054481205               ST Control#:
Responsible Agency Code: X
Version/Release/Industry: 003000
(T)est/(P)roduction: P
Acknowledge Requested: N


Last Date Used: 0/00/00
Last Time Used:
Number Times Used:                            Processing Option:
Computer Generated Group Control Number: N     P=Print Before Sending
F12=Return
```

Processing Option: Processing Option - The default is blank if an unwrapped file is not to be viewed before the transmission. (Optional) Change to "P" to activate an unwrapped file to be sent to the out queue to be viewed before the transmission.

Press Enter to return to the GS list screen.

Repeat step 13-16 for each Nissan Division 856.

Delete all template 856 records (those without abbreviations).

Set-up is complete.

Retrieve Company Number from Parts Cross Reference File

The Application Control record PXCO#xx may be entered to retrieve the Company Number from the Parts Cross Reference File instead of from the Identification Code File if the following points are applicable:

• A Nissan of Tennessee supplier has only one DUNS/Supplier ID representing multiple plants

• Each plant ships unique parts

• Each plant is entered as a separate company

• All companies use the same Customer and Destination Abbreviations

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

Application Name: *ALL
Keyword: PXCO#xx OR PXCO#6S
Length: 1
Decimal: Blank
Infor Data: Y

To find the Company Number for 830s, use the keyword PXCO#xx (where "xx" = OEM code). To find the Company Number for 866s, use the keyword PXCO#6S.

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

Retrieve Company Number from Parts Cross Reference File (Enhanced)

To activate the Retrieve Company by Parts Cross Reference Enhancement: Maintain the Application Control File for keyword PXCO#S and change the Infor Data Length to 8. Then place the word ENHANCED in the Infor Data Field. From the main menu select System Maintenance Menu (option 11), then Application Control File Maintenance (option 17).

Maintain the Parts Cross Reference File: Now that the same customer part number can be used by multiple companies, the Supplier ID must be added to the Parts Cross Reference record for the Breakdown program to identify which Company Number should be retrieved. Therefore, a new field has been added to the Parts Cross Reference Maintenance Screen.

The Supplier ID associated with each Company/Customer Abbreviation/Customer Part Number record must be entered in the Supplier ID field. This is necessary only if you are using the ENHANCED PXCO#S keyword.

If the Supplier ID is not entered or does not match the Supplier ID in the receive file, then during the Nissan Breakdown an error will print on the "Nissan of America Parts Cross Reference/Company Retrieval" report stating a match was not found.

NOTE: A conversion program exists to update the Parts Cross Reference record with the Supplier ID. Conversion program name – CONVRPXREF Conversion program function - add Supplier ID (SUPPID) to field F3PX303 in the Parts Cross Reference File (PXREF).

To run the conversion program:

Make sure no process is accessing the Parts Cross Reference File (PXREF). Make sure FUTDTALIB or its equivalent is in the library list and from a command line enter:

CALL CONVRPXREF

Screen CONVDPXREF will display:

The OEM is required to validate the Supplier ID because the Parts Cross Reference File does not contain the OEM.

Enter the Company, Customer Abbreviation, Destination Abbreviation (optional) for the group of part records you wish to update, and then enter the Supplier ID that is to be attached.

Multiple error messages can be generated if the criteria entered is not valid.

If you want to remove the Supplier ID from the group of records, then you can leave the Supplier ID field blank and place a "Y" in the "Remove Supplier ID" field. This will blank out the Supplier ID on the selected part records. All parts for the entered criteria will appear on the generated listing, even if the Supplier ID was originally blank.

Once all the appropriate fields are entered, press Enter to submit the conversion program. A report will be generated listing all the records that were updated and placed on hold in the customer's output queue.

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

Company or **
Application Name = *ALL
Keyword = PXCO#S
Length = 8
Dec= blank
Infor Data = "ENHANCED"

From the main menu select System Maintenance (option 11), then Application Control File Maintenance (option 17).

Enter the following information:

APP
Opt CO# Name Keyword
1   **   *ALL   PXCO#S

Press Enter and on the next screen enter a length of 08 and ENCHANCED in the Infor Data area.

Example ONLY:

CO# APP Name Keyword
 **   *All   PXCO#S

Infor Data   Length: 08 Dec:
            1   2   3   4
12345678901234567890123456789012345678901234 5

ENCHANCED

Customer Data   Length: Dec:
            1   2
12345678901234567890

Application Name: *ALL
Keyword: DOCKBRL
Length: 40
Decimal: Blank
Infor Data: OEM Code

From the main menu select System Maintenance (Option 11), then Application Control File Maintenance (Option 17).

Enter the following information:

APP
Opt CO# Name Keyword
1   Co# *ALL   DOCKBRK
 (Use individual company numbers, not ** for All)

Infor Data   Length: 40 Dec:
            1   2   3   4
12345678901234567890123456789012345678901234 5
F MNAZ

Customer Data   Length: Dec:
            1   2
12345678901234567890

(Example: F = Ford (start in Position 1), MN = Magna; AZ = AutoZone. Each OEM holds two positions starting from Position 1 in Infor Data field.

When taking Option 9 - Load Sheet Schedule from "Reports Menu", select your Company, OEM (the OEM set up in the Keyword), then sort order by Destination, Dock, and Part#.

S_FPAR Application Control File record

CO = Company or **
Application Name = *ALL
Keyword = S_FPAR
Length = 1
Dec= blank
Infor Data = "Y"

This Application Control record turns on the functionality for the Nissan (S) full or partial receive files to allow both full and partial file processing based on the Company/Customer/Destination combinations entered when the processing option is taken. When this Application Control record is active and the Nissan (S) processing option is taken, the screen that asks if the Mexico, Canton, etc. files are full files now have the option to enter the letter M to signify that the envelope could have some divisions that are sending both full and partial files based on the Company/Customer/Destination combinations that are full files. Up to 32 combinations are allowed.

A screen will be displayed to enter in the Company/Customer/Destination combinations that should be considered full replacement files. Those Company/Customer/Destination Files will fully replace the requirements (without RANs) in the current file. Partial files will either add to or update the current file.

If the supplier does not receive EDI from these divisions, or never receives a mixture of full and partial releases for a division, then this application control record does not need to be set up.

For Nissan Mexico shippers (OEM Division = MEXICO), the following fields will no longer print:

In-house part
Unit of Measure
Purchase Order
Release number
Net weight
Container quantity
Container type
Pallet quantity
Cum shipped

Multiple Customer Abbreviations can now be added to the NISSANNM Application Control Record. The program checks for a new Cust Abbrev every 6 positions. Up to 7 Cust Abbvs can be entered.

Enter the Cust Abbvs as shown in the example below:

Application Control Record

Add or update the record as described below. For more information about adding control records, see Chapter 11 of the AutoRelease Main Manual.

CO = Company or **
Application Name = EDI
Keyword = NISSANNM
Length = Dependent on how many Customer Abbvs are entered
Dec= blank
Infor Data = "Y"

When the shipper is printed, both the original shipper and the new Nissan Mexico shipper will be printed. The supplier can decide which form to send to the printer. The original shipper will show SHIPPER in the user data field on the spool file display, where the Nissan Mexico shipper will show SHIPPERSMX in the user data field on the spool file display.

Nissan (S) Production (Canton, Decherd & Smyrna) implementing a new labeling procedure which now requires the Master serial number to use a data identifier of 'S'. The Mixed label will no longer have a serial number because the mixed pallets need to have a Master label attached for every part/RAN on the mixed pallet. The Nissan Master and Container serial numbers will now have the same data identifier the label print and scanning programs needed a way to tell them apart.

Summary Receipt Suppliers

The ASN for Nissan Summary Receipt Suppliers must have the bill of lading number and the ship time in the REF*BM segment concatenated. Create an Application Control record to accomplish this. The Application Control File is accessed from the System Maintenance Menu (RC20). Add the record as described below. For more information on adding Application Control records, see Chapter 11 of the AutoRelease Main Manual.

Application Name:	*EDI
Keyword:	SUMRECTS
Length:	00
Decimal:	Blank
Infor Data:	Blank

Container Label Serial Numbers

The OEM code is removed from container label serial numbers during the ASN create. The NISSANNM Application Control record must be used to add 0 to the container label serial numbers for Nissan Motors shipments.

The NISSANNM Application Control record is used to add zero to the serial number for container labels for Nissan Motors so that the required length of the serial number is created. Zero has been added to the serial number after the data identifier and before the serial number. The OEM code is removed from the serial number during the ASN create.

Serial numbers must be entered in AutoScan. From the AutoScan main menu select the Label Print Main menu option with "1" and press Enter. From the Label Print Main menu select the OEM Setup Maintenance option with "2" and press Enter. The next serial number for each Nissan division must be entered.

- Nissan Logistics (NLC) - 7 positions long (S + 1234567)

- Nissan Mexico (NLCMEX) - 6 positions long (S + 123456)

- Nissan Motors (NMMC) - 8 positions long (S + 0 + 12345678)

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

Application Name:	EDI
Keyword:	NISSANNM
Length:	6
Decimal:	Blank
Infor Data:	Enter your user-defined Customer Abbreviation for Nissan Motors.

Enter the number of positions in your Nissan Motors Customer Abbreviation (up to 06).

NLC

For Nissan NLC Mexico Requirements: The N1*MI will contain NLC and the N1*ST will contain AGUAS, AGUA2 or CIVAC. The Model Year will be blank and the OEM Division should be set to MEXICO. When processing a full file, the 'MEXICO' flag should be marked. (Note: These are not NEC shipments).

For Nissan NLC NEC Requirements:

The 830 will have N1*MI*NLC and N1*ST*NEC. NEC shipments will use the plant code sent in the MAN segment to determine the ship to location. During the Breakdown, a Model Year will be assigned based on the plant code. The user will enter an OEM Division of NECxxx, where xxx is the location. When processing a full file for these requirements the user will select the appropriate NEC location. See table below.

Nissan Plant Code	Model Year	OEM Division
B	BRZ	NECBRZ
B1	BRZ	NECBRZ
B2	BRZ	NECBRZ
A	SPN	NECSPN
E	SPN	NECSPN
T	SPN	NECSPN
V	SPN	NECSPN
Z	SPN	NECSPN
E000	NML	NECNML
W000	NML	NECNML
P000	NML	NECNML
M000	NML	NECNML
J	THL	NECTHL
L	MEX	NECMEX
M	MEX	NECMEX
N	MEX	NECMEX
P	MEX	NECMEX
L1	MEX	NECMEX
M1	MEX	NECMEX
N1	MEX	NECMEX
P1	MEX	NECMEX
R	RUS	NECRUS
SK	KOR	NECKOR
X	CHN	NECCHN
D	UK	NECUK

Note: Planning requirements C/D & Z/D will not be cleared. Also, requirements with a RAN number will not be cleared.

NEC

Since Nissan does not have any values in the inbound file that help determine if the file is a full file or not, the customer must answer the prompts when processing the Nissan requirements based on their own inferences made outside the AutoRelease package. If the Nissan flag is set to 'Y', all 830 requirements for OEM Code 'S', that the OEM Division field was not equal to 'MEXICO' or 'CANTON' were deleted and rebuilt from the inbound requirements being processed. If the Nissan Mexico flag is set to 'Y', all 830 requirements for OEM Code 'S' that the OEM Division field is equal to 'MEXICO' were deleted and rebuilt from the inbound requirements being processed. The same applied to the flags for Nissan Canton, NEC Spain, NEC Brazil, and NEC Thailand in regard to requirements with OEM Division equal to 'CANTON', NECSPN, NECBRZ, and NECTHL. All flags could be set to 'Y' or 'N' in any combination, depending on the 830s being processed.

Note: This may be a way to determine if the file is full vs. partial, however, it is not a guarantee and the supplier must follow the recommendations below. This may be helpful when suppliers have to process the data and pick which location they are processing. The code is sent in the MAN segment.

.
Plant

Country

Final Dest Code

Nissan Mexico Aguascalientes #1

Mexico

N1

Nissan Mexico Aguascalientes #2

Mexico

L1

Nissan Mexico Aguascalientes Powertrain

Mexico

M1

Nissan Mexico Cuernavaca

Mexico

P1

Nissan Japan Yokohama

Japan

E000

Nissan Japan Moji

Japan

W000

Renault Brazil

Brazil

B

Nissan Spain

Spain

Z,V,T, A

Renault Spain

Spain

L

Nissan Motors Thailand

Thailand

J

Nissan UK

United Kingdom

D

Nissan UK Battery Plant

United Kingdom

D2

Nissan Russia

Russia

R

Nissan Brazil

BRAZIL

B2

Nissan Brazil Powertrain

BRAZIL

B1

Renault Samsung Korea

KOREA

SK

From the VLC0000S (Nissan of Tennessee Variable Length Telecommunications menu), selecting option 6 (Process Requirements (830,850,860,866) displayed the full file prompts.

The parameter flags were verified for the values of 'N' or 'Y' and were placed into the Local Data Area (positions 24-26).

During the process, the full file flags are retrieved from the Local Data Area. The full file flags were checked with the OEM Division to determine if the CLR830 flag should be temporarily changed to an 'X' for requirements with the associated OEM Division. Nissan JTPJITB records were deleted depending on the combination of the full file flags and the OEM Division.

New full file flags for NEC ultimate destinations are entered on the processing prompt. These will clear 830 planning requirements for requirements based on the OEM Divisions entered in the Requirement Master File (Mexico = NECMEX and NML = NECNML).

Are you processing a full file for:

MEXICO	N	(N or Y or M)
CANTON	N	(N or Y or M)

NEC:

Spain	N	(N or Y or M)
Thailand	N	(N or Y or M)
Brazil	N	(N or Y or M)
Mexico	N	(N or Y or M)
NML	N	(N or Y or M)
Russia	N	(N or Y or M)
Korea	N	(N or Y or M)
China	N	(N or Y or M)
UK	N	(N or Y or M)
ALL OTHER	N	(N or Y)

NEC Russia 830 ultimate destination is differentiated by an entry in the model year on the Requirement Master File (Russia = RUS). Ultimate destinations will now be based on the plant code found in the MAN segment instead of the first position of the RAN. This is due to the fact Nissan is using the same RAN structure for multiple countries. The planned requirements have the plant code in the MAN segment, therefore, you will no longer be prompted. If for some reason the plant code is not sent you will be prompted with the following:

```
                            Display Messages
System:                                              USALID09
Queue . . . . . :   QPADEV000W        Program . . . . :*DSPMSG
Library . . . :     QSYS              Library . . . :
Severity . . . :    00                Delivery . . . :*BREAK
Type reply (if required), press Enter.
```

Nissan NEC 830 number 1 ultimate destination is unknown. Please enter SPN for Spain, BRZ for Brazil, THL for Thailand, MEX for Mexico, NML for NML, RUS for Russia, CHN for China or UK for United Kingdom.

```
    Reply . . . _____         |
                                                                |
        Waiting for reply to message on message queue QPADEV000W.   |
                                                                |
```

The Nissan NEC 830 number in the prompt refers to the order of NEC 830s that are being broken down without counting non-NEC 830s in the same file. This prompt will not display for NEC 830s with ultimate destinations that can be automatically determined from their MAN segments.

The Nissan process uses parameter flags to specify if the Nissan, Nissan Mexico, Nissan Canton, NEC Spain, NEC Brazil, NEC Thailand, NEC Mexico, NEC NML, NEC Russia, NEC China or NEC UK file being processed is a full file or not.

From the VLC0000S (Nissan of Tennessee - Variable Length Telecommunications menu), selecting option 6 (Process Requirements (830,850,860,866) displayed the full file prompts. The parameter flags were verified for the values of 'N' or 'Y' and were placed into the Local Data Area (positions 24-32).

During the process, the full file flags are retrieved from the Local Data Area. The full file flags were checked with the OEM Division to determine if the CLR830 flag should be temporarily changed to an 'X' for requirements with the associated OEM Division. Nissan JTPJITB records were deleted depending on the combination of the full file flags and the OEM Division.

New full file flags for NEC ultimate destinations are entered on the processing prompt. These will clear 830 planning requirements for requirements based on the OEM Divisions entered in the Requirement Master File (Korea = NECKOR).

Requirement Masters will need to be set up for all Nissan (OEM S) destination NEC (Consolidated for Korea) 830 requirements. The Requirement Masters need to be set up with model year (Korea = KOR) to differentiate planning requirements from each ultimate destination. The OEM Division field also needs to be entered (Korea = NECKOR) for requirements to clear properly by ultimate destination when a full replacement 830 is received from Nissan NEC.

NEC Korea 830 ultimate destinations are now differentiated by an entry in the model year on the requirements master file (Korea = KOR). Ultimate destinations will be determined automatically based on the first character of the RAN number sent by Nissan on firm requirements in the 830.

The Requirement Masters need to be set up with model year (China = CHN) differentiate planning requirements from each ultimate destination. The OEM Division field also needs to be entered (China =

NECCHN) for requirements to clear properly by ultimate destination when a full replacement 830 is received from Nissan NEC.

The Requirement Masters need to be set up with model year (United Kingdom = UK) to differentiate planning requirements from each ultimate destination. The OEM Division field also needs to be entered (United Kingdom = NECUK) for requirements to clear properly by ultimate destination when a full replacement 830 is received from Nissan NEC.

If only planned requirements are sent on a NEC 830, the user will be prompted with the following: Nissan NEC 830 number 1 ultimate destination is unknown. Please enter SPN for Spain, BRZ for Brazil, THL for Thailand, MEX for Mexico, NML for NML, RUS for Russia, KOR for Korea, CHN for China or UK for United Kingdom.

The Nissan NEC 830 number in the prompt refers to the order of NEC 830s that are being broken down without counting non-NEC 830s in the same file.

Reply . . .   .

　　　　Waiting for reply to message on message queue QPADEV000W

This prompt will not display for NEC 830s with ultimate destinations that can be automatically determined from their firm requirements.

Re-sequencing

The Application Control record RESEQ is required for Nissan of Tennessee if sending ASNs (856s) for Nissan of Tennessee's sequenced parts and using a label printing product other than ArtForm. This record forces a re-sequencing of the detail records to ensure that the beginning and ending PDSNs are created correctly for ASNs containing Nissan of Tennessee's sequenced parts.

Application Name:　　　　LBL
Keyword:　　　　RESEQ
Length:　　　　1
Decimal:　　　　Blank
Infor Data:　　　　Y

"Scheduled for Delivery" Planning Requirements

To change the frequency of the Nissan Mexico 830 requirements that contain forecast schedule segments with "Scheduled for Delivery" dates (FST06 = "070") so that the requirements are treated as monthly requirements, add the Application Control record "NISSMTHD" to the Application Control File as shown below. Add the record to smooth the monthly requirements against the monthly planning grid. For more information on adding Application Control records, see Chapter 11 of the AutoRelease Main Manual.

Application Name:　　　　*EDI
Keyword:　　　　NISSMTHD
Length:　　　　00
Decimal:　　　　Blank
Infor Data:　　　　Blank

Send 997s

To send 997s to all or one Nissan North America plants, the Enhanced Application Control File Keyword (SEND997) needs to be set up. This can be one record (with * in the "Other Key Field") for a single division or by multiple divisions using the ISA*06 unique code per division. The example below is for multiple divisions with unique ISA*06 (Sender ID) codes.

```
KARENR          Enhanced Application Control File Maintenance   2/21/XX
 RSDM6011C                Work with detail records              08:04:55
 Type options, press Enter.
  1=Select 4=Inactivate 9=Help                    Display Inactive:   (X)
  Keyword: SEND997

     CO  OEM  Cust    Dest   DIV     MY    Other key
Like:

                                          NISSANMEXNCM
   Y
                                          054481205
   Y
                                          054481205HE
   Y
                                          1234
   Y
```

```
KARENR          Enhanced Application Control File Maintenance   2/21/XX

RSDM6011D                                                  08:06:50

 Owner of the Keyword                                        inquire

  INFOR               CATEGORY

                      OUTBOUND


 Keyword             DESC

 SEND997             Send 997 to OEMs

                                                             Active

                                    Other key

                                    054481205HE



 TEXT:



 1

 Y

Created on: 20XX-07-20-15.15.11.957000 Changed: 20XX-08-11-14.58.54.554000

 F1=ScreenHelp                        By User: KARENR

 F2=Change F3=Exit   F5=RecordHelp   F6=ADD            F12=Return/Cancel
```

ASN Type Entered in Destination File

The ASN Type ("V" or "C") is used when the "create" option is taken for Nissan of Tennessee ASNs:

- ASN Type "V" indicates the ASN file is created without bar code data. 866 sequence suppliers must use "V."

- ASN Type "C" indicates the ASN file includes the bar code data. If the ASN code is "C" and there is no bar code data, the ASN does not contain the part number information.

Dock Code

Nissan of Tennessee sends a dock code in the 830 file that does not contain leading zeros. However, the dock code sent in the 866 file contains leading zeros. The leading zeros are removed when the "Breakdown" option is taken. Enter the dock code as sent in the 830 file (without leading zeros) for both the 830 and 866 Machine Readable Destination Files and Requirement Masters.

Model Year

Nissan of Tennessee does not send model year. Therefore, the Requirement and Price Files must be entered leaving the model year field blank.

Requirement File - Report Flags

Nissan of Tennessee's 850s are not processed into the Load File even if the 850 report flag is marked. Nissan of Tennessee uses the 850 to establish pricing only. The Nissan of Tennessee 866 report flag must be marked only if Nissan of Tennessee transmits 866s to your plant. The Nissan of Tennessee 830 report flag must be marked.

Even if 862's are received, do NOT mark the 862 report flag.

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

Requirement File - Clear Flags

Requirement Master clear flag must be marked for the Nissan of Tennessee 866 only. Do not mark the 830 or 862.

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

This is subject to change based on the files Nissan of Tennessee transmits to your company.
Note: Do not select clear flags with "X" if requirements are transmitted only once for any given transaction set.

Are you processing a full file for:

MEXICO	N	(N or Y or M)
CANTON	N	(N or Y or M)
NEC: Spain	N	(N or Y or M)
Thailand	N	(N or Y or M)
Brazil	N	(N or Y or M)
Mexico	N	(N or Y or M)
NML	N	(N or Y or M)
Russia	N	(N or Y or M)
Korea	N	(N or Y or M)
China	N	(N or Y or M)
UK	N	(N or Y or M)
ALL OTHER	N	(N or Y)

When the Mexico field is marked with "Y," shipments to Mexican destinations are cleared and incoming requirements are processed. When the Canton field is marked with "Y," shipments to Canton destinations are cleared and incoming requirements are processed. When the All Other field is marked with "Y," shipments to the affected destinations are cleared (except 866s) and incoming requirements are

processed. When either field is marked with "N," indicating a partial file is being processed, the incoming data is appended to the existing files.

Requirement B Record - RAN

830 RAN

Nissan of Tennessee transmits a RAN (Receipt Authorization Number) on the 830. The RAN is processed into the RAN # field of the Requirement B record for 830 requirements.

866 RAN

Nissan of Tennessee transmits a PDSN (Production Delivery Sequence Number) on the 866. The PDSN is processed into the RAN # field of the Requirement B record for 866 requirements.

CUM Required Prior

Nissan of Tennessee does not send CUM required prior. Every time CUM shipped is updated, CUM required prior is updated also and they are equal. Therefore, there is no need to enter a CUM required start up.

Every 830 authorized ship requirement is associated with a RAN (Receipt Authorization Number). Only one shipment can be made per RAN. If a requirement is shipped incomplete, it is removed from the Load File during the "Extract". If Nissan of Tennessee requires the remaining parts to be shipped, they issue an Add-a-RAN.

If a requirement is not shipped when required, it is not removed during the Shift, but remains in the Load File until it is shipped. Reports indicate a "behind" condition exists if there are requirements dated before the current system date.

Special Processing

Press F20 (Special Processing) from the Requirement Master Special Processing window.

```
                        Special Processing Information
Load Past Due Req'ts from
Req't Hist? (Y/N/B/M) ... Y        Chrysler Special Processing for
                                   'B D' Requirements (B/L/S) ...... B
Type of Processing (C/N).          Remove Chrysler EDI 'B D'
                                   Reqts. prior to today (Y/N) .....
Ignore STD PAK for                 Omit planning req'ts during
Load/MRP Build? (Y/N) .. Y         Shipping for Chrysler (Y/N) .....
Competitor Part (C) or             Pricing Based On Order Quantity
FBO Flag (B/F/J/E) ......          Or Ship Quantity? (O/S) ........
Special Partial Week               Override release number and date
for current week (Y/N) ..          during Manual Req. Entry? (Y/N)..
                                   Override P.O. number during
No Container Calculation           Manual Requirements Entry? (Y/N).
for Part On Shipper (Y/N)
                                   Secondary OEM Code ..............
F1=Help   F12=Return
```

Enter 'Y' in the Ignore STD PAK for Load/MRP Build field.

Nissan of Tennessee requirements are not to be rounded up to package quantity. Nissan of Tennessee requirements must be shipped as received with the appropriate RAN.

Container File

The following setups and instructions are necessary for shipping Nissan North America shipments in over pack cartons via FedEx:

File Setups

In the Identification Code File, the pallet staging flag must be 'Y' and the smart label flag must be 'Y'.

The Destination Master File record needs to have 'ASN/DESADV (B/C/N/O/V/Y)' set to "C" and 'Bar Code Verif (Y/N/C/S)' set to "Y".

Bar code Scanning Instructions

When the master or mixed bar code labels for the over pack cartons are scanned, all of the parts associated with those labels will be retrieved and the message 'Pallt Info Retrieved' will be shown except for the last container which will show 'Shipper Completed'.

Please note: The message does not mean that the shipment is going out on pallets.

Label serial numbers for both the mixed and master over pack carton labels are 14 characters long. The bar coded serial# includes the data identifier of 'S' and the 6 digit shipper number followed by 4 spaces and a 4 digit number (this is the last 4 digits of the serial#) unique to the shipper. This is per the Nissan North America Supplier Packaging Handbook: When scanning the labels, the entire serial number is included in the bar code. If entering labels manually, the entire serial number including the 4 spaces must be entered.

Shipper Creation Instructions

When the shipper is created, there will be warning errors on the bar code verification report for

"CONTAINERS SCANNED IS NOT EQUAL TO CONTAINERS SHIPPED" when there are mixed containers on the shipment. This is due to the shipper showing the actual number of over pack containers while the bar code shows the number of boxes the parts are in. (i.e. One container contains a quantity of 3 of part A123 and 2 of part B456. The shipper will show one container for the part that the container was entered with in shipper maintenance and none for the other part. The bar code will show one container for each part for a total of two.) These warning errors should be expected.

ASN Creation Instructions

When the ASN is created, there will be warning errors on the ASN verification report for "- TARE WEIGHT IS BLANK" and "- CONTAINER QUANTITY IS BLANK" when there are mixed containers on the shipment. This is due to mixed containers only being attached to one part number that is inside of the container so the other parts do not have a container to have a tare weight for. These warning errors should be expected.

```
                    MAINTAIN CONTAINER MASTER FILE

              Company Number ............. EP
              Container Number ........... CONT
              Customer Abbreviation ...... NISST
              Destination Abbreviation ... NISTN


      Customer Container Number .............. CONT
      Internal Container Description ......... CONT
      ASN Container Desc / Container Desc .... ASNCD/CONTD
      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) ...... N
      Container Weight (5) ................... 100000
      Print/Extract BOM (Y/N) ............... N
      Multiple Line Items/Container (Y/N/M)... Y
      Combine Partial Containers (Y/N)........ Y
      Harmonized System Code ................. _____
      Country of Origin ..................... _____

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

Returnable Container   -   Enter Y to indicate this is a returnable container.

Print CTN on Separate Line   -   Enter Y to indicate a separate line item is required.

Multiple Line Items/Container -   Enter Y to indicate multiple part numbers are associated
                                       with one container line item.

Combine Partial Containers   -   Enter Y to indicate different part numbers with the
                                       samecontainer number are combined and shipped in
                                       one container.

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 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 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.

Shipping

The Nissan Mexico shipper form is created in the PRTSHPFRM2 Interface and will automatically print out when the shipper print is selected if the OEM code on the shipper is equal to 'S' and the OEM Division is equal to 'MEXICO'.

Sequenced and Non-Sequenced Parts - Shipper Print

Nissan of Tennessee requires that sequenced and non-sequenced parts are printed on separate shippers.

ASN - LIN Segments

830 LIN Segment

Nissan of Tennessee requires that the ASN file contains one line item per part number and RAN combination.

For example: LIN*BP*PARTA*ON*IP00000001 where "IP00000001" is the RAN number.

866 LIN Segment

Nissan of Tennessee requires that the ASN file contains one line item per part number and PDSN (production delivery sequence number) range combination. The beginning and ending production sequence number range cannot be maintained. When the create and transmit option is taken, the beginning and ending PDSN for the part are concatenated and placed in one LIN segment.

For example: LIN*BP*PARTA*ON*IP00000001IP00000055 where "IP00000001IP00000055" is the beginning and ending PDSN concatenated.

Note: The beginning and ending PDSNs are printed on the rack labels, indicating the first and last PDSN on the rack.

Creating the LIN Segment for the ASN

The Rack Detail file must be updated prior to the extract to populate the label history file with rack label information (beginning and ending PDSN) when the "Extract" is taken. The Label History file is accessed during ASN create to retrieve the beginning and ending PDSN that is transmitted in the LIN segment in the ASN file. To accomplish this, follow the steps below.

1. From the Shipper Processing menu, create the shipper from the Load Sheet. Do not "Print" or "Extract" the shipper.

2. Access AutoScan and select "1" for the Label Print menu.

3. Select "1" for the Label Print selection option.

4. Enter "Y" in the Print Rack Labels option.

5. Select the OEM and default printer.

6. Press Enter.

7. Select "2" to Create Rack Labels from the shipping file.

8. Continue with normal rack printing procedures. The beginning and ending PDSN is placed in the

label history file to be retrieved when the "Extract" is taken.

9.   From the Shipper Processing menu, print and extract the shipper.

Rack Set ID Maintenance

The Rack Set ID is used when shipping from the 866. Product Code 866s must be purchased in addition to the basic Nissan of Tennessee module (Product Code S) to process the 866.

The first sequence number for each Nissan of Tennessee commodity must be manually entered in the Rack Set ID File to be retrieved to print on the part label and the shipper. The next sequence number is retrieved from the Rack Set ID File during the Extract. Rack IDs remain the same for all of the same parts. It is the rack sequence number that increases.

```
        RACK SET ID MAINTENANCE


Company Number ............... 01
Customer Abbreviation ........ NISSAN
Destination Abbreviation ..... NISSAN
Rack ID ...................... SRCK01


Next Sequence Number ......... 001
Suffix (L/R/B/F) ............. L
Standard Rack Quantity ....... _____


F12=Return
```

Customer Abbreviation	-	Enter the corresponding Machine Readable Customer Abbreviation for Nissan of Tennessee.
Destination Abbreviation	-	Enter the corresponding Machine Readable Destination Abbreviation for this Nissan of Tennessee destination.
Rack ID	-	Enter the user-defined Rack ID. A unique Rack ID must be entered for each commodity that is sequenced. Each Rack ID is for a different part sequence and suffix combination.

After key fields are entered, press Enter to display remaining fields.

Next Sequence Number	-	The first sequence number is entered for each commodity. As each sequence number is used (Extracted), it is incremented by 1. The sequence number is assigned to the Load File at the time of the Load File build and prints on the rack label.
Suffix (L/R/B/F)	-	Suffixes are used only for those parts in which a location must be designated (doors, bumpers, fenders, etc.). The suffixes include:L – left R – right B – back F – front.

Standard Rack Quantity   -   The quantity of parts that fit in or on a rack. When
                                                        printing rack labels, this quantity is required as the
                                                        "standard" quantity.

Requirement File - for a Sequenced Part (866)

Product Code 866s must be purchased in addition to the basic Nissan of Tennessee module (Product
Code S) to process the 866.

```
                    REQUIREMENT MASTER ENTRY CHANGE


 Company EP  Customer NISSN Part 682000Z850 Destination NISSAN MY


 Customer Part # ....  682000Z850           OEM Code ....... S
 Supplier Code ...... N457B               OEM Division ... ILVS
 Customer # ......... 1               Destination # ...... 1
 Commodity Code ..... 0001            Unit of Measure .... EA
 Controlling Source . _____           Price Code ......... A
 Dock Code .......... 3_____       Trailer Capacity ... 1
 Container Part # ...CONT             Package Quantity ... 6
 _____ MRP _____  _____ Reports _____ _____ Clear _____
 866 _862 _ 830 _ 850 866 X 862 _ 830 X 850 _866 X 862 _ 830 _ 850 _
                         Process P.O.s _
 Planner # ........ 0000 Balance Out Code ..._ Product Code ____
 Weekly Ship Code . __   Final Release Code ._ Analyst #... __
 Rack ID .......... 1111
 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
```

OEM Division   -   Enter ILVS to indicate that shipping history is to be
                                                         checked for duplicate PDSNs and to identify sequence
                                                         part ASNs when the "ASN create and transmit" option is
                                                         taken.

Dock Code   -   Enter the dock code as received in the 830 file, without
                                                         leading zeros.

Package Quantity   -   It is necessary to enter the same standard pack quantity
                                                         (the number of parts that fit on the rack) into the
                                                         Requirement Masters of all parts that are expected to be
                                                         combined in the same container.

Report & Clear Flags   -   Mark the 866 report flag.

Rack ID   -   Enter the Rack ID as it is entered in the Rack Set ID File.
                                                This file is used to establish the rack sequence number
                                                as well as enter the alpha suffix to print on the rack label.
                                                A unique Rack ID must be entered for each commodity
                                                that is sequenced.

Load Sheet - Selection Screen

```
                              Load Sheet
                        SORT ORDER: Rack Sequence
 Optional Selections (Blank for All)
 Company ...... 01              Purchase Order .. _____
 Cust Abbrev .. _____          OEM Code ........ __
 Part Number .. _____
 Dest Abrv(s).. _____   _____          _____   _____   _____
 Optional Ranges (Blank for All) FROM          TO
 Requirement Date ............. 01/01/xx       07/20/xx
 Requirement Time ............. _____          _____
 Planner Number ............... 0000           9999
 Release Number ............... _____   _____
 RAN Number ................... _____   _____
 Sales Order/PO Line .......... _____ _____   _____ _____
 Line Feed Location ........... _____ _____
 Print a Summary Load Sheet? Y (Y/N)          For Summary Load Sheet:
 Print in Internal or Cust Part order? I (I/C)   Pagebreak on dest?Y(Y/N)
 Print Net or Package quantities? P (N/P)      Print Inventory? N(Y/N)
 Print Ship or Arrival Dates? S (S) Print      Remarks? N(Y/N)
 Print BOM Explosion? N (Y/N)                   rint Internal/Cust
                                               Part# & Trn Type? Y(Y/N)

    F3=Exit F7=Sort Order
```

A date range must be entered when sorting by rack sequence.

Rack sequence sort order:

• Rack number

• Rack sequence number

• Package quantity

• Rack ID

• Blend number

Load Sheet

When printing a Load Sheet for Nissan of Tennessee 866 requirements, press F7 (Sort Order) from the Load Sheet selection screen and select Rack Sequence-Nissan. A dotted line separates each rack and projected rack sequence. Line items are printed in descending order (highest to lowest). This is useful when using reverse loading (when the last parts that are used on the assembly line are the first to be loaded on the truck). To print the line items in ascending order (lowest to highest), select Rack Sequence - Nissan (Ascending).

Press F7 (Sort Order) from the Load Sheet selection screen to display the Load Sheet Sort Order screen.

```
   1=Select                    LOAD SHEET SORT ORDER

 _  Part Number, Destination              _  Destination, Manifest#, Part#
 _   Part Number, RAN                     _  Destination, Dock, Part#
 _  RAN, Destination, Part Number         _  Destination, Sid#, Part#
 _   Destination, Release, Part Number    _  Rack Sequence -
 _   Release, Destination, Part Number    _  Job Seq#, Batch#, Lot # - Honda
 _   Purchase Order, Part Number          _  Rack Sequence - Nissan (Ascending)
 _   866 Load Sheet                       _  Seq, Order Swet Date
 _   Destination, VIN#, Part Number       _  Chrysler Detail Dock, Part#
 _   Destination, Date, Part Number
 _   Destination, RAN, Part Number
 _   Destination, Date, RAN
 _   Rack Sequence
 _   Destination, VIN#, Part Number, RAN
 _   Destination, Build Station, Part#
 _   Destination, Date, Manifest#


   F12=Return
```

Select Rack Sequence - Nissan with `1` and press Enter.

Rack Sequence Error Report

The Rack Sequence Error Report identifies incomplete racks and lists discrepancies between the rack sequence assigned in the Load File and the rack sequence numbers on unprocessed shippers. This report prints every time the Load File is recalculated. It may also be printed on demand from the shipper processing menu using the option Re-sequence ILVS Racks.

Sequencing Multiple Racks

If associating multiple racks with a single part, create and manage the rack records with the Maintain Multiple Racks for a Customer/Part/Destination/Model Year screen. Access this screen by choosing option 20 on the Additional File Maintenance menu. Multiple rack data can also be maintained by pressing F11 from the Requirement Master Entry screen.

For Nissan of Tennessee, the first character of the PDSN# identifies the model line. If the PDSN# is "VPF1061369," the first character of the RAN mask must be "V" and the rest of the mask must be blank. If the PDSN# is "WPF1061369," the first character of the RAN mask must be "W" and the rest of the mask must be blank.

For more information, see Chapter 6, Part 2 of the AutoRelease Manual.

862 Ship Schedule Load Sheet

Note:

Nissan (S) has implemented the 862 Shipping Schedule to provide suppliers with specific information about what parts to prepare for shipment on a carrier arranged by Nissan. The 862 will supplement the Material Release 830, not replace it. The 830 will continue to be the document of record for FAB and RAW commitments, RAN numbers and quantities, and the due date/time for each RAN. The ASN will still be based on the 830, not the 862. The use of the 862 is strictly to facilitate freight cost optimization for Nissan; it shall not be used to authorize labor, materials or other resources.

- The Load Sheet can be printed by Ship Schedule Number, Pickup Window Date/Time, or leave the selection criteria blank to print all the Ship Schedules. Suppliers MUST print the most current Ship Schedule just before loading the truck, as the Ship Schedule could have been changed or canceled by Nissan.

- If a Ship Schedule has been previously printed and has not been replaced by a later 862, the text **REPRINTED**

- It appears on the Ship Schedule Load Sheet. The Ship Schedule could be different than the previously printed versions if a replacement 862 for this Ship Schedule has been received.

- If a Ship Schedule has been canceled, it is not available for printing/reprinting, as the Ship Schedule is removed from the Requirement File when an 862 cancellation is received/processed from Nissan.

- Nissan's pickup window date/time is printed in the header section of the Ship Schedule Load Sheet.

- The Ship Schedule Load Sheet will page break on Ship Schedule Number.

- The Ship Schedule Load Sheet will be sorted by Nissan's Receiving Location and Dock within the Ship Schedule. The parts for each Receiving Location/Dock will be separated so the supplier can easily see what is going to each ultimate destination. If using Retrieve Company by Parts Cross Reference, multiple companies could be grouped together for one Nissan Receiving Location/Dock.

- A shipper/ASN needs to be created for each Cust/Dest printed on the Ship Schedule Load Sheet, so it is possible to have multiple shippers per Ship Schedule. Since the shipper/ASN is based on the 830, it may be sent to a different destination than the Ship Schedule destination(s).

- If the Ship Schedule contains add RANs (862s without corresponding 830s) a message is printed on the Ship Schedule that the Dest Abbrev for the shipper/ASN must be validated (and changed if necessary). The reason for this is the Nissan owning facility dock is not sent on the 862, but the shipper/ASN needs to be sent to the Nissan Dest Abbrev that includes the dock, if necessary.

  ** 862 HAS NO MATCHING 830 - VALIDATE SHIPPER/ASN DESTINATION **

- Nissan does not send the sequence in which the shipment should be loaded on the truck, at this time. If Nissan sends this information in the future, it will be printed under the heading "Location in Truck".

- If a supplier over/under ships, Nissan must be contacted. A manual adjustment may be required.

- When the 862 becomes past due, it is removed from the Requirement File during the Shift and is not available for reprinting.

```
-----------------------------------------------------------------------------------------------------
USER: CRAIG                     NISSAN (S) 862 SHIP SCHEDULE NUMBER LOAD SHEET            PAGE:      1
1/27/XX  15:31                                                                    PRGM:RSRR2081
-----------------------------------------------------------------------------------------------------
SELECTION:    SHIP SCHEDULE NO: *ALL           REPRINT SCHEDULES: Y
*****************************************************************************************************
SHIP SCHEDULE NO:  122643796          PICK UP TIME:  7/28/XX 11:30 THRU 7/28/XX 12:30   **REPRINTED**

PLANT NUMBER:      CP                     ROUTE NUMBER:  ININ7766K

TRIP NUMBER        5                      TRIP INSTANCE (SID):  1

INTERMEDIATE STOP: 6
*****************************************************************************************************


RECEIVING LOCATION   DOCK    OUR PART    RAN NUMBER    CO   CUST   DEST     REQ QTY   REQ DATE   TYP FRQ

CUSTOMER PART        MY     ENG REV LVL            LOCATION IN TRUCK

======================================================================================================
VC                   20    I-21046 7S000 CJ53266     KH  862CST  862DST       96       7/28/XX     C    D

21046 7S000                                     TBD
VC                   20    I-21046 7S001 CJ75708     KF  862CST  862DST       96       7/28/XX     C    D

21046 7S001                                     TBD
VC                   20    I-21046 7S002 CJ55555     KH  862CST  862DST       96       7/28/XX     C    D

21046 7S002                                     TBD
VC                   20     I-21046 7S003 CJ63062     KH  862CST  862DST       60       7/28/XX     C    D

21046 7S003                                     TBD
VC                   20     I-21046 7S004 CJ67045     KF  862CST  862DST       60       7/28/XX     C    D

21046 7S004                                     TBD

======================================================================================================
```

Nissan Logistics

Machine Readable

```
              CUSTOMER ABBREVIATION RECORD


     Company Number............... xx
     OEM Code..................... S
     Identification Number ....... NLC


     Customer Abbreviation ....... LOGIST
     Company Name ................ _____
     Body & Assembly ............. _  (Y/N)
     CMMS Format ................. _  (Y/N)
```

Enter NLC as the customer identification number for Nissan Logistics. The Customer Abbreviation is user-defined.

Nissan Mexico

Requirement File - OEM Division

```
                      REQUIREMENT MASTER ENTRY

 Company xx  Customer xxxxxx   Part xxxxxxxxxxxx   Destination xxxxxx MY

 Customer Part # .... _____  OEM Code ....... __
 Supplier Code ...... _____       OEM Division ... _____
 Customer # ......... _____             Destination #....... _____
 Commodity Code ..... ___                   Unit of Measure .... ___
 Controlling Source . _____                 Price Code ......... _
 Dock Code .......... _____            Trailer Capacity ... _____
 Container Part # ... _____       Package Quantity ... _____


 _____ MRP _____ _____ Reports _____ _____ Clear _____
 866 _ 862 _ 830 _ 850 _ 866 _ 862 _ 830 _ 850 _ 866 _ 862 _ 830 _ 850 _
                            Process P.O. s _
 Planner # ........ ____    Balance Out Code ... _   Product Code . ____
 Weekly Ship Code . __ Final Release Code . _ Analyst # .... __
 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
```

If this Requirement Master represents a Nissan of Tennessee (OEM code = 3) shipment to Mexico, enter MEXICO in the OEM Division fields. Nissan of Mexico may transmit a duplicate RAN with a different date. During the "Process," a requirement with a RAN that is found in shipping history, (already shipped) is NOT processed whether or not the date is the same.

If the OEM division is MEXICO, KG (kilogram) is transmitted in the MEA segment in the ASN file.

Machine Readable

Nissan Mexico requires a unique Destination Abbreviation.

```
                    DESTINATION ABBREVIATION RECORD



          Company Number .............. xx
          OEM Code ................... S
          Identification Number ....... M
          Dock Location ............... _____


          Destination Abbreviation .... NMOTOR
          Destination Description ..... NISSAN MOTORS
          P O Destination ............. _____
          ERS Destination ............. _ (Y/N)
          OEM Consideration ........... _ (Y/N)
          Electronic Invoices ........ N (Y/N)
          Line Set ................... N (Y/N)
          Clear By Destination ....... N (Y/N)
          Type of FBO ................ _ (M/S)
          Chrysler PAB/Non-PAB Combine. _ (Y/N)



   F1=Help F12=Return
```

Enter the destination Identification Number for Nissan Mexico. Valid codes include:

- P = CIVAC

- M = Motor

- N = Aguascalientes

- R = Toluca

The destination abbreviation is user-defined.

Application Control File - Mexico ASNs

The Application Control record NISSANMX is needed in the Application Control File to create the correct segments for the 856 when sending to Nissan of Mexico. This record must be entered before running the "Extract."

Application Name:	EDI
Keyword:	NISSANMX
Length:	Enter the number of positions in your Nissan of Mexico Customer Abbreviation (up to 06).
Decimal:	Blank
Infor Data:	Enter your user-defined Customer Abbreviation for Nissan of Mexico.

Application Name:	EDI
Keyword:	NISMEXS
Length:	7
Decimal:	Blank
Infor Data:	Enter a "Y" or "N" in the first position and the Customer Abbrev for Nissan Mexicana in positions 2 through 7.

The Application Control record NISMEXS is needed in the Application Control File to create the correct segments for the 856 when sending to Nissan of Mexico. This record must be entered before the "Extract." The program will check if the NISMEXS record is active (pos 1 = "Y") and the Customer Abbreviation (positions 2–7) matches the shipper. If so, omit the tare level (mix/master serial #) and make sure the shipment level TD1 segment writes out the number of pallets instead of number of cartons, with the pallet description.

In the Trading Partnership File the GS Version/Release/Industry Field must be set to '004010' for the the new Nissan Mexico 856 for the specs to be applied. From the Main Menu take option 6, File Maintenance. Take option 1, Identification Code and enter your company and OEM. Press F14 Trading Partnership File. Select the Nissan Mexico 856. Change the Version Identifier to 00401. Press F10 to bring up the GS Level and select the 856. Change the Version/Release/Industry to 004010.

```
VLD9702E                Maintain Functional Identifier


 Company Number.......... KB
 OEM Code................ S
 Supplier ID............. 31100999
 Customer Abbrv(O)....... NISMEX
 Destination Abbrv(O).... NISMEX
 Transaction Type........ 856
                                          Non Repeating Transaction
 Functional Identifier:    SH                Control Number:
 Application Sender:       31100999
 Application Receiver:     MX2302        ST Control#:
 Responsible Agency Code:  X
 Version/Release/Industry:  004010
 (T)est/(P)roduction:      P
 Acknowledge Requested:    N

 Last Date Used:            7/26/XX
 Last Time Used:          15:06:26
 Number Times Used:             17        Processing Option: P
 Computer Generated Group Control Number:    P=Print Before Sending
F12=Return
```

NOTE: WHILE TESTING WITH NISSAN IT MAY BE NECESSARY TO MANIPULATE THE VERSIONS IN THE TRADING PARTNERSHIP FILE.

In order to send EDI outbound 997s to Nissan Mexico (S), a Keyword "SEND997" needs to be set up in the Enhanced Application Control File, the Sender ID (ISA06 in EDI inbound 830 or 862 from

Nissan Mexico) needs to be entered into the "Other Key" field. The system will use this information to determine if a 997 is to be sent for this file.

From the System Maintenance Menu,
Select option 17. Application Control File Maintenance. Then select option 1. Enhanced Application Control File Maintenance.

Select Keyword: SEND997

Entry Keys Used: Company = '* ' for All companies

Enter the Sender ID from ISA06 from EDI inbound 830 or 862 from Nissan Mexico into "Other Key".

Text Length: 17
Text Values: Y

```
KARENR          Enhanced Application Control File Maintenance   9/02/XX

RSDM6011D                                                     07:41:06
 Owner of the Keyword                                          inquire
  INFOR               CATEGORY
                      OUTBOUND


  Keyword           DESC
  SEND997           Send 997 to OEMs

Active

                                         Other key
                                         NISSANMEXNCM


 TEXT:


 1
 Y

Created on: 20XX-07-20-15.15.11.957000 Changed: 20XX-08-11-14.58.54.554000
 F1=ScreenHelp                          By User: KARENR
 F2=Change F3=Exit   F5=RecordHelp   F6=ADD
F12=Return/Cancel
```

In the Identification Code File, make sure there is a "SUPPID 997" record. If not, one needs to be created.

NOTE: Nissan (S) Mexico 997's must be transmitted manually from Opt 4. Transmit 997 on the "NISSAN OF TENNESSEE VARIABLE LENGTH TELECOMMUNICATIONS MENU".

NITCO (Nissan Trading Company) Business Practices

NITCO (Nissan Trading Company) is a warehouse that sends releases to suppliers.

Requirement File - OEM Division

```
                         REQUIREMENT MASTER ENTRY


 Company xx Customer xxxxxx Part xxxxxxxxxxxx Destination xxxxxx MY


 Customer Part # ....  _____  OEM Code .......  __
 Supplier Code ......  _____         OEM Division ...  _____
 Customer # .........  _____              Destination #.......  _____
 Commodity Code .....  ___                    Unit of Measure ....  ___
 Controlling Source .  _____                  Price Code .........  _
 Dock Code .........   _____             Trailer Capacity ...  _____
 Container Part # ...  _____        Package Quantity ...  _____
 _____  MRP _____  _____  Reports  _____  _____  Clear _____
 866 _ 862 _ 830 _ 850 _ 866 _ 862 _ 830 _ 850 _ 866 _ 862 _ 830 _ 850 _
                           Process P.O. s _


 Planner # ........  ____    Balance Out Code ...  _    Product Code .  ____
 Weekly Ship Code .  __     Final Release Code .  _    Analyst # ....  __
 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
```

If this Requirement Master represents a Nissan of Tennessee (OEM code = 3) shipment to NITCO warehouse, enter NITCO in the OEM Division field. NITCO requirements do not contain a RAN number. Therefore, the RAN is not required to be transmitted in the ASN file. NITCO in the OEM division prevents the ASN terminal error message from displaying when the RAN field is blank for NITCO requirements.

Nissan of Tennessee Variable Length Menu - VL0 Menu

```
VLD0000S1      2/17/XX           MENU: VL0S           13:43:13

12.0        --------------------------------------------------

                         NISSAN OF TENNESSEE

               VARIABLE LENGTH TELECOMMUNICATIONS MENU

            --------------------------------------------------


1.  Receive Data                    11.  Commerce Miscellaneous Menu

2.  Split Network Data into OEM files 12.  GEISCO Miscellaneous Menu

3.  Breakdown Data                  13.  Requirements (Send) Menu

4.  Transmit 997s (Logistics Only)  14.  AIAG Reports Menu

5.  Print Req's(830,850,860,862,866) 15.  Request for Quote (843) Menu

6.  Process Req's(830,850,860,862,866) 16.  P.O. History (850) Menu

7.  Maintain Network Security       17.  Prod Service Claim (142)

8.  Maintain Test/Production Flag File 18.  Remittance Advice (820) Menu

9.  Maintain Network Selection      19.  Receiving Advice Menu (861)

0.  Maintain Miscellaneous File     20.  Application Advice Menu (824)




            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 once in the AutoRelease Manual. Only options unique to this trading partner, exceptions or unique business practices are explained in this document.

Print Method

Print Method: Mandatory

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

Transmit 997s

(Option 4 on the VL0 menu)

This option sends a Functional Acknowledgement (997) to Nissan of Tennessee. Nissan Logistics Division and Nissan Mexico require a Functional Acknowledgement.

A screen prompts for company number to verify security. The following reports are generated and placed on hold.

• Network Transmit Functional Acknowledgements Audit Report: This report shows what was sent and received during communications.

• A summary Report: This report indicates the number of records transmitted and received.

Process Requirements (830, 850, 860, 862, 866)

(Option 6 on the VL0 menu)

Nissan requirements are not cleared based on the Requirement Master clear flags as other OEMs. Instead a screen prompts to determine if a full file for Mexico, a full file for Canton, a full file for other divisions, or a partial file is being processed. Then, the Requirement File is updated. Next the report flags in the Requirement Master Files are checked to determine which requirements are placed in the Load File, and finally the Load File is created.

Are you processing a full file for:

MEXICO	N	(N or Y or M)
CANTON	N	(N or Y or M)
NEC: Spain	N	(N or Y or M)
Thailand	N	(N or Y or M)
Brazil	N	(N or Y or M)
Mexico	N	(N or Y or M)
NML	N	(N or Y or M)
Russia	N	(N or Y or M)
Korea	N	(N or Y or M)
China	N	(N or Y or M)
UK	N	(N or Y or M)
ALL OTHER	N	(N or Y)

When the Mexico field is marked with "Y," shipments to Mexican destinations are cleared and incoming requirements are processed.

When the Canton field is marked with "Y," shipments to Canton destinations are cleared and incoming requirements are processed.

When the All Other field is marked with "Y," shipments to the affected destinations are cleared (except 866s) and incoming requirements are processed.

When any of the fields are marked with "N," indicating a partial file is being processed, the incoming data is appended to the existing files.

Clear flags are not used for Nissan of Tennessee.

WARNING: If a partial file is processed as a full (or complete) file, all requirements are cleared before the partial file is loaded and required data is lost. You must know if you are processing a complete or a partial file.

NOTE: If, during the AutoReceive, you want the Auto Breakdown to automatically run the Auto Print for Nissan (S), go to ACM menu, then take option 3 for Process Profile Setup. For each company that you want the Auto Breakdown to run the Auto Print, there must be a record with that company, OEM S, and Auto Print = Y.

Special Processing

Type and Frequency

First, all flexible requirements are read. Flexible requirements are received with type of D and frequency of F. Next, daily planning requirements are read. Daily requirements are received with type of D and frequency of D. Daily planning requirements (DDs) are used to reduce flexible requirements (DFs) for the same month. If the date on the DD is greater than or equal to the date on the DF, the DD quantity is subtracted from the DF quantity. The date on the DFs will be adjusted to the day after the last DD.

Next, firm requirements are read. Firm requirements are received with type and frequency of CD or ZD. Firm requirements (CDs or ZDs) are used to reduce daily planning requirements (DDs) for the same date to zero, regardless of the quantity.

Building the Load File

Firm requirements (CDs or ZDs) are placed in the Load File first, then daily requirements (DDs) and then flexible requirements (DFs) if they have not been zeroed. The date on the DFs will be adjusted to the day after the last DD.

If a daily requirement (DD) is sent with a time, the firm requirement (CD or ZD) must match the exact date and time or the DD will not be reduced to zero. Only daily requirements (DDs) with a date greater than the first firm requirement (CD or ZD) will be written to the Load File.

Example:	**Requirement File**	**Load File**
Flexible (DF) 2,000	4/1 Firm (CDs) 250	4/1 (covers period: 4/1 - 4/30) 225
	4/2 Daily (DDs) 250	4/1 Daily (DDs) 250
	4/3 250	4/2 250
	4/3 Flexible (DF) 1,250	4/4 (covers period:4/4-4/30)Firm (CDs) 250
	4/1 225	4/2 225

The total of the DDs, to be processed in the Requirement File, within the time period of 4/1 through 4/30 is 750. 750 is subtracted from 2,000 and the flexible requirement will be reduced to 1,250 when the Load File is built. The date will be adjusted to 4/4 - which now covers the period of 4/4 through 4/30. The daily requirements (DDs) for 4/1 and 4/2 have been zeroed because there is a firm requirement (CD) for the same date.

Requirements Already Shipped Report

A report prints that lists all of the requirements with a matching RAN (Receipt Authorization Number) in shipping history. These requirements will not process.

Duplicate Planning Records

Nissan sends the same planning records with different times that are not to be processed as duplicates. Planning requirements are cleared by date only, not time.

Nissan Logistics Duplicate Planning Records

Nissan Logistics sends two sets of planning requirements that are not duplicates. "1" is added to the time of the second record so both records will process.

AutoRelease: Nissan of Tennessee

830 Shift Exception

Nissan 830 requirements are not removed during the Shift. When Nissan requirements are shipped (whether shipped complete or partial) the 830 CUM required prior is made to be equal to the CUM shipped, when the Extract option is taken. This also occurs when a shipping adjustment is made.

862 Ship Schedule Processing

Nissan is implementing the 862 Shipping Schedule to provide suppliers with specific information about what parts to prepare for shipment on a carrier arranged by Nissan. The 862 supplements the Material Release 830, it does not replace it. The 830 will continue to be the document of record for FAB and RAW commitments, RAN numbers and quantities, and the due date/time for each RAN. The ASN is still based on the 830, not the 862. The use of the 862 is strictly to facilitate freight cost optimization for Nissan; it shall not be used to authorize labor, materials or other resources.

To comply with Nissan's requirements for the 862 Shipping Schedule, Infor has incorporated the following changes into the ARS system:

- The customer part number and RANNO are used to associate the incoming 862s to the matching 830s. To accomplish this, the customer part number is needed in JTPJITB. All suppliers must run the conversion program CONVJTPBS to update field F3B304 in JTPJITB with the customer part number before running the Breakdown, Print or Process of any file containing a Nissan 862.

- The 862s are processed into the Requirement Files for printing the Nissan Ship Schedule Load Sheet only. The 862 does NOT affect requirements, MRP or any other processing and should not be in the Load File. Nissan will continue their current 830 process to add, update or cancel requirements and the supplier must create the shipper/ASN from the 830, as they currently do. Therefore, the Requirement Master 862 flags must NOT be marked.

- A single Ship Schedule can span multiple companies if the supplier is using Retrieve Company by Parts Cross Reference processing. If the supplier is using Retrieve Company by Parts Cross Reference and ALL companies are not selected when running the Breakdown, Print and Process, part/RAN combinations Nissan wants loaded on a single truck could be missing.

- A single Ship Schedule can have multiple receiving locations/docks for multiple 830s. The shipper/ASN must still be created against the 830. A truckload can have more than one shipper/ASN depending on the contents and 830s represented in each load.

- Nissan may send emergency 862s (add RANs) that do not have corresponding 830s. If this occurs, the following processing happens:

- The Dest Abbrev is determined using Nissan's owning facility (REF*PE) received on the 862 without a dock code as Nissan does not send the owning facility dock code on the 862.

- A warning message is printed on the Nissan Requirement Edit List Errors (VLR4403S) indicating the 862 customer part number/RAN does not have a corresponding 830.

W- THIS 862 HAS NO MATCHING 830 FOR CUST PART: XXXXXXXXX   AND RANNO: YYYYYYY

- Since the shipper/ASN still needs to be created as if an 830 was received (for Nissan's owning facility and dock, if necessary) an additional warning message is printed on the Nissan Requirement Edit List Errors (VLR4403S) indicating the 830 Dest Abbrev for the shipper/ASN may be different than the 862 Dest Abbrev.

W- 830 DEST ABBREV FOR SHIPPER/ASN MAY NOT MATCH 862 DEST ABBREV FOR DESTINATION ID: XX   AND DOCK:

NOTE: DOCK is blank as Nissan does not send the owning facility dock on the 862.

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- The add RANs process into the requirement file for printing the Nissan Ship Schedule Load Sheet only, just like 862s that do have corresponding 830s. They do NOT affect requirements, MRP, or any other processing.

- The supplier's current manual process for handing add RANs needs to be followed, including any adjustments to MRP.

- A replacement 862 is for the ENTIRE ship schedule, regardless of the Nissan owning facility, receiving locations or company (if using Retrieve Company by Parts Cross Reference) and anything could be changed. If a part/RAN is not sent on the replacement 862, it will be removed from the Requirement Master for the 862 only, the 830 will NOT be affected.

- A cancellation 862 is for the ENTIRE most recent version of the ship schedule. All of the part/RAN combinations are removed from the Requirement Master, regardless of the Nissan owning facility, receiving locations or company (if using company by parts cross reference). The 830 requirement is NOT affected.

866 Shift Exception

Nissan 866 requirements are not shifted. When shipped against, the requirement net quantity is reduced by the quantity shipped and the CUM required is increased by the quantity shipped. If fully shipped, the requirement is removed during the Extract.

Shipper Extract

Nissan 866 shippers are created in the order of PDSN (production delivery sequence number) and Extracted in the order of the PDSN, this is necessary because shipping history is used to determine the next rack sequence number for 866 requirements. If an 866 shipper is extracted out of order, rack sequencing is incorrect and an error message displays:

"Extract ILVS shipper first - XXXXX" (XXXXX = the shipper number that needs to be Extracted).

Maintain Test/Production Flag File

(Option 8 on the VL0 menu)

This option is used when transmitting to Nissan Logistics to indicate test or production.

Note: The Transmission Mode flag in the Identification Code File is not used by Nissan.

Nissan/Logistics Maintenance Screen

```
            Nissan/Logistics Test/Production Flag File Maintenance


                        Company....... xx

  Enter the Transmission Mode of the following Nissan Divisions (T = Test,
  P = Production):


          Nissan Motor Manufacturing Corporation (NMMC)...... _


          Nissan Logistics Corporation (NLC)................ _



  F3=Exit
```

NMMC	-	Enter "P" to transmit a production 856 to Nissan of Tennessee.Enter "T" to transmit a test 856 to Nissan of Tennessee.
NLC	-	Enter "P" to transmit a production 997 or 856 to Nissan Logistics.Enter "T" to transmit a test 997 or 856 to Nissan Logistics.
F3 - Exit	-	Returns to menu.

Maintain Requirements

(Option 1 on the VL99 menu)

This option is used to enter, change, delete and print requirements to be transmitted to your supplier.

A screen prompts for company number to verify security. A second screen prompts to "Delete previous data?" Enter "Y" to delete or "N" to append the file.

Address Screen

```
                         Nissan 830 (Send) Maintenance


        Company ................... xx
        Application Sender ID ..... _____
        Nissan Part Number ........ _____
        Application Receiver ID ... _____



        F3=End F4=Review F12=Return
```

Application Sender ID   -   Defined by Nissan. It consists of the customer's DUNS
                                               plus an additional code assigned by Nissan.

Nissan Part Number   -   Nissan's part number.

Application Receiver ID   -   Nissan's DUNS plus an additional code as defined by
                                               Nissan.

Header Screen 1

```
                   Header Information
Company ... xx
Application Sender ID ....... xxxxx
Nissan Part Number ......... xxxxxxxxx
Application Receiver ID ..... xxxxx


Interchange Sender .... _____      Test/Production .......... _
Interchange Receiver .. _____


Purpose Code ................... 00
Ship/Delivery Dates ............ DL
Forecast Qty Qualifier ......... A
Date Material Required (YMD) ... _____


Release Date (YMD) ............. _____
Release Number ................. _____
Reference Number ............... _____


Customer Name ..... _____
Customer ID ....... _____


F12=Return
```

Interchange Sender	-	Customer's DUNS number. There may be an additional code added to the DUNS as defined by Nissan.
Test/Production	-	Enter "T" to indicate, in the ISA segment that this transmission is a test file. Enter "P" to transmit a production (live) file.
Interchange Receiver	-	Nissan's DUNS number. There may be an additional code added to the DUNS number as defined by Nissan.
Purpose Code	-	Indicates the type of data being transmitted. The default is"00" for original
Ship/Delivery Dates	-	A code to indicate the type of dates used in the forecast. The default is "DL" for delivery based dates.
Forecast Qty Qualifier	-	A code to indicate the type of quantity. The default is A for actual discrete quantities.
Date Material Req'd	-	The requirement delivery date in YY-MM-DD format.
Release Date	-	The release date in YY-MM-DD format.

Release Number   -   Enter the customer release number, which cannot be
                                             duplicated within a twelve (12) month period.

Reference Number   -   Nissan's release period.

Customer Name   -   Name of the customer.

Customer ID   -   Customer's ID number, assigned by Nissan.

Header Screen 2

```
                        Header Information
 Company ... 01
 Application Sender ID ....... xxxxxxxxx
 Nissan Part Number .......... xxxxxxx
 Application Receiver ID ..... xxxxxxxxx

 Unit of Measure .................. LB
 Ship/Delivery Pattern Code ........ Y
 Ship/Delivery Pattern Time Code ... Y

 Contact Name ....... _____
 Contact Phone # .... _____


 Purchase Order ..... _____
 Special Markings ... _____

 Part Description ... _____
 _____

 F12=Return
```

Unit of Measure   -   Code to identify the Unit of Measure. Enter "LB" to
                                             indicate pounds.

Shp/Del   -   Enter "Y" to identify the shipment as a routine shipment
                                             or Pattern Code delivery.

Shp/Del Pattern   -   Enter "Y" to indicate "no pattern."

Contact Name   -   The name of the supplier's contact person in the order
                                             department to whom Nissan may direct inquiries.

Contact Phone #   -   The phone number of the contact name.

Purchase Order   -   Customer's (supplier's) Purchase Order Number.

Special Markings   -   Indicate special markings of the part. For Nissan Mexico
                                                       orders only, the Special Markings section on the part
                                                       label requires LCCN (Line Location Control Number)
                                                       data to be printed.

Part Description   -   A description of the part.

Firm Requirement Maintenance Screen

```
                    Nissan Firm Requirements Maintenance

              Company ................ xx
              Application Sender ..... xxxxxxxxxxxx
              Nissan Part Number ..... xxxxxxxxx
              Application Receiver ... xxxxxxxxxxxx

 Option:   4=Delete
          Date      Time                                        Last Date
 Opt      YYMMDD   Military      Net      Type Freq    RAN Number    Transmitted

 _        _____    ____   _____     _    _   _____
 _        _____    ____   _____     _    _   _____
 _        _____    ____   _____     _    _   _____
 _        _____    ____   _____     _    _   _____
 _        _____    ____   _____     _    _   _____

 F7=Change    F12=Return
```

Application Sender ID   -   Defined by Nissan. It consists of the customer's DUNS
                                                        number plus an additional code assigned by Nissan.

Nissan Part Number   -   Nissan's part number.

Application Receiver ID   -   Nissan's DUNS number plus an additional code as
                                                        defined by Nissan.

Planning Maintenance Screen

```
                   Nissan Planning Requirements Maintenance

                   Company ............... xx
                   Application Sender ..... xxxxxxxxxxxx
                   Nissan Part Number ..... xxxxxxxx
                   Application Receiver ... xxxxxxxxxxxx

 Option:  4=Delete
                                                          Last Date
           Opt           Date          Net          Freq  Transmitted

            _          _____     _____      _
            _          _____     _____      _
            _          _____     _____      _
            _          _____     _____      _
            _          _____     _____      _
            _          _____     _____      _
            _          _____     _____      _
            _          _____     _____      _
            _          _____     _____      _
            _          _____     _____      _

 F7=Change F12=Return
```

List Requirements

(Option 2 on the VL99 menu)

This option is used to print a list of requirements entered using the maintain requirements option. A separate report is printed for each line item selected.

Create / Transmit Requirements

(Option 3 on the VL99 menu)

This option is used to convert the requirement data into the format necessary for transmission, create the file to be transmitted and initiate the communication procedure.

Nissan of Tennessee Requirement (Send) Menu - VL99

```
VLD9900S1     5/11/XX              MENU: VL99S            10:50:21

12.0          --------------------------------------------------

                              NISSAN OF TENNESSEE

                            REQUIREMENT (SEND) MENU

              --------------------------------------------------



             1.  Maintain Requirements

             2.  List Requirements

             3.  Create/Transmit Requirements




            23.  Return to Nissan Tennessee V/L Telecommunications Menu

            24.  Return to Main Menu


                                Option
```

Nissan of Tennessee AIAG Reports Menu - VL42

```
VLD4200S1      6/12/XX            MENU: VL42S            10:11:06
12.0           ----------------------------------------------------
                              NISSAN OF TENNESSEE
                                AIAG REPORTS
               ----------------------------------------------------


               1.  Print Functional Acknowledgements (997)




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

                                  Option
```

(Option 1 on the VL42 menu)

This option is used to print functional acknowledgements (997s) received from Nissan of Tennessee.

Nissan Request for Quote Menu - VL50

```
VLD5000S1    4/11/XX            MENU: VL50S          10:56:02

12.0         -------------------------------------------------

                              NISSAN

                       REQUEST FOR QUOTE MENU

             -------------------------------------------------

             1.   Maintain Response to Quote

             2.   Print Quotes (840/843)

             3.   Create and Transmit Response to Quote (843)

             4.   Purge Response to Quote

             5.   Reactivate Response to Quote



             23.  Return to Nissan V/L Telecommunications Menu

             24.  Return to Main Menu
```

Request for Quote (840/843) Overview

The Request for Quote menu is used to access Requests for Quotes (840s) received from Nissan, to input part, cost, weight and measurement data required to be returned to Nissan in the Response to Request for Quote (843) file and to create, transmit, purge and reactivate 843s.

Nissan assigns one of five quote types to each 840:

- PART Production part
- SPRT Service part
- RPRT Reverse Vanned Part
- MPRT Nismex Part
- TOOL Tooling Part

Maintain Response to Quote

(Option 1 on the VL50 menu)

Quotes are identified by three status codes:

- H - Hold - When a quote is received, it is assigned a status of "H" for hold.
- O - Ready - The user changes the status to "O" when the quote is complete and ready to send to Nissan. The file to be transmitted is created from records with a status of "O."
- T - Transmitted - A quote remains in the file, after transmission, with a status of "T" until it is purged.

The first three screens accessed using the option Maintain Response to Quote are the same for all quote types:

- Quote List Screen: Displays a list of all 840 records received, whether they are on hold, works in progress or complete and ready to be transmitted. 843s that have been transmitted remain on the screen until they have been purged. Use F6 from this screen to create an unsolicited quote. Select an 840 record with "7" from this screen to create a "No Quote" record to return to Nissan.

- Header Screen: Displays all data received from Nissan pertaining to this quote. This data can be maintained.

- Part List Screen: Accessed using F8 from the header 1 screen or the header 2 screen. Nissan sends only one part per quote. Detail can be accessed from the Part List screen.

There may be multiple records for the same request number. Only one record per request number may be accessed at one time. If a record is selected when another record for the same request number is in use, the message "Record is Locked -- Try Request Later" displays.

Features accessed from the Part List screen:

- **Select:** Detail maintenance screens for this quote display. This is where part, cost, weight and measurement data required by Nissan is entered.

Quote Listing Screen

There may be multiple records for the same request number. Only one record per request number may be accessed at one time. If a record that is being accessed by another user is selected, the message "Record is Locked -- Try Request Later" displays.

```
                         QUOTE RESPONSE LISTING

 Option: 1=Select                      Position to Request: _____
        3=Copy    4=Delete    7=Quote/No Quote
 Opt   CO  Cde   Request #   RFQ Date   Recv. Date & Time   Send Date & Time
   _   * DV   O               4/01/xx   4/25/xx 12:31:51    0/00/00
   _     DV   O   01234       4/01/xx   4/30/xx 12:05:18    0/00/00
   _     DV   O   1           4/02/xx   4/23/xx 14:40:57    0/00/00
   _     DV   O   2           4/02/xx   4/23/xx 14:40:57    0/00/00
   _     DV # O   3           4/02/xx   4/28/xx 14:40:57    0/00/00
   _     DV   O   4           4/02/xx   4/28/xx 14:40:57    0/00/00



 F3=Exit F6=Create Unsolicited Quote # No Quote
 F17=Top F18=Bottom * Unsolicited Quote
```

Enter a specific request number to position the list at that request number. An asterisk ( ) indicates an unsolicited quote. A pound sign (#) indicates a no quote record. If blank, the record was received from Nissan.

Options

1 - Select   -   Enter "1" next to the record to display and press Enter.

AutoRelease: Nissan of Tennessee

3 - Copy	-	Enter "3" next to the record to create a duplicate part record with the current date and time in the received date and time fields.
4 - Delete	-	Enter "4" next to the record(s) to delete and press Enter. The Delete Confirmation Window displays. Press F23 to delete or F12 to return.
7 - Quote/No Quote	-	Enter "7" next to an 840 record to create a No Quote record. No entry is needed by the supplier. A record will be created and transmitted to Nissan indicating "No Quote" in the P01 segment. No quote records are identified on the Quote Listing screen with"**#**" following the status code.

Functions

F3 - Exit	-	Returns to main menu.
F6 - Create Unsolicited Quote	-	Displays the Create A Quote screen where an unsolicited quote can be entered. Unsolicited quotes are identified on the Quote Listing screen with an asterisk (*****).

Create Unsolicited Quote screen

Press F6 (Create Unsolicited Quote) from the Quote Listing screen to access the Unsolicited Quote Response Addition screen.

```
                      UNSOLICITED QUOTE RESPONSE ADDITION
 Company: RFQ#:                        RFQ               Date: 0/00/00
                                                         Receive Date: 0/00/00


 Enter the following data:


                 Part Data
                 Assigned Identifier: ____  (PART/SPRT/MPRT/RPRT/TOOL)
                 Quoted Item Number: _____
                 Supplier ID: _____

 F12=Return
```

The RFQ # displays and cannot be changed.

Unsolicited quotes are identified with an asterisk (*) on the quote listing.

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Header Screen 1

Enter "1" next to a record on the Quote Listing screen to display the header screen 1. The header screen 1 displays all data received from Nissan pertaining to this quote. This data can be maintained.

```
                            HEADER SCREEN
 Company: DV                 RFQ#: UNSOLICITED          RFQ Date: 0/00/00
                             UNSOLICITED QUOTE       Receive Date: 7/29/xx

 Action Code:        O (H)old; (O)Ready to Transmit; (T)ransmitted
 Currency Code:       USD          Cost Monitor: ____ F4=Prompt
 Conversion Factor: .000           Spec Tender Nbr: _____
                                   Design Note Nbr: _____
 Raw Mtrl.Econ.Date: 07/01/xx M/D/Y   Supplier Nbr: _____
           Century: 19             Supp. Quote #: _____
      Effective Year:              Business Type: __ F4=Prompt
 Labor Econ Date:    7/01/xx M/D/Y   Quote Type Code: ___ F4=Prompt
           Century: 19             Spec Deviation: _ Y/N
      Effective Year:              Model Code:
                                   *Release Frequency: ___  F4=Prompt
 Fab Days: 35                      Tooling Required: _ Y/N
 Raw Days: 15                      Supplier ID: FTS03

 Transit Days: 1.0

 F5=Refresh F8=Part List F12=Return
```

Screens are identified as Solicited or Unsolicited on the screen heading. Solicited and Unsolicited screens are similar except all fields are not displayed for all identifiers (PART/TOOL/SPRT/RPRT and MPRT). The bolded fields do not display if the quote type = TOOL. * Displays only if the quote type = RPRT Currency Code - Required. ISO standards are used.

Example:

• USD - US Dollars

• YEN - Japanese Yen

• PES - Mexican Peso

• CAN - Canadian Dollars

Cost Monitor	-	The cost monitor identifies the cost monitor level for the part and is required on the 843. Valid codes include:DLOT - D-Lot E01 - E01E 02 - E02 CLOT - C-Lot SLOT - Sales Lot PROD – Production OTH - Other
Conv Factor	-	Conversion factor is required for all currency codes except USD (United States Dollars). (Do not use conversion factor if currency code is USD) **Note:** Nissan will assume three (3) decimal positions.
Spec Tender #	-	Specification tender number is the initial specification number.
Design Note #	-	Unique tracking number for each level of change. **Note:** This number exists if the quote is unsolicited only. Or, if the number is different than what the supplier is quoting.
Raw Mtrl.Econ Date	-	Raw material economic date.
Supplier Nbr	-	A unique seven digit number assigned by Nissan.
Century	-	The first two positions of the year.
Supp. Quote #	-	Number assigned by the supplier to an RFQ issued by Nissan.
Labor Econ. Dt	-	Labor economic date.
Business Type	-	Valid codes include: PR – Production ST - Centralized Steel DS - Direct Sales SP - Service Part MP - Mexico Part RP - Reverse Vanning
Quote Type Cd	-	The quote type code is required on the 843. Valid codes include: SAM – Sample PRD – Production, TMP - Temporary
Spec Deviation	-	Enter "Y" if the part was deviated from the original specs. Enter "N" if the part was not deviated from the original specs.
Fab Days	-	Fabrication days is the number of days the supplier is to have on hand for the quoted item that is either fabricated or in process.
Release Freq	-	The release frequency is used only for SPRT, MPRT and RPRT. Valid codes include: ATB - All time buy OTB - One time buy MON – Monthly SAN - Semi annual ANL – Annual QTR - Quarterly

Raw Days	-	The number of days the supplier is to have material on hand.
Tooling Req	-	Enter "Y" if tooling is required.
Supplier ID	-	Supplier ID.
Transit Days	-	Number of transit days.
F5 - Refresh	-	Updates the screen with changes entered since enter was last pressed, or since the screen was last accessed.
F8 - Part List	-	Displays all parts for this quote. Nissan sends only one part per quote. Detail can be accessed from the Part List screen.

Header Screen 2

Press Enter from the header screen 1 to display the header screen 2.

```
                              HEADER SCREEN
Company: 01                RFQ#: UNSOLICITD      RFQ Date: 0/00/00
                           UNSOLICITED QUOTE     Receive Date: 8/07/xx


Quoted Item Ref#:                          Quoted Item Weight: .___
Quoted Item Description:                      Weight UOM:         __
_____

Quoted Item Message: _____
_____
_____
_____

Ship to Plant Code:  __
Supplier State Code: __

Buyer Name: _____
Contact Name: _____



 F5=Refresh F8=Part List F12=Return
```

Screens are identified as Solicited or Unsolicited on the screen heading. Solicited and Unsolicited screens are similar except all fields are not displayed for all identifiers (PART/TOOL/SPRT/RPRT and MPRT). Fields in bold are not displayed for quote type: TOOL.

Quoted Item Weight	-	Enter the weight to 3 decimal positions

Quoted Item Description	-	Enter the description.
Weight UoM	-	Weight unit of measure.
Quoted Item Message	-	Enter the message.
Ship to Plant Code	-	Ship-to plant code.
Supplier State Code	-	State abbreviation of supplier.
Buyer Name	-	Nissan's buyer.
Contact Name	-	The supplier's contact person.
F8 - Part List	-	Displays all data received from Nissan pertaining to this quote.

Part List Screen

Press F8 (Part List) from either the header screen 1 or the header screen 2 to display the Quote Response Listing Part Selection screen.

```
                    QUOTE RESPONSE LISTING PART SELECTION

      Company: DV                RFQ#: 1              RFQ Date: 4/02/xx
                          UNSOLICITED QUOTE


 Opt Quoted Item #       Assigned Identifier  Authorized/Lot Qty. & Amount
  _   78142 1M100        PART PART RESPONSE             0            .0000



 F12=Exit
```

The Part List screen displays all data received from Nissan pertaining to this quote.

Part Detail Screen

Enter "1" next to a quoted item in the Part List screen to display the Part Detail screen.

```
                         QUOTE RESPONSE PART DETAIL
Company: DV                    RFQ#: UNSOLICITD      RFQ Date: 0/00/00
                               UNSOLICITED QUOTE     Receive Date: 7/29/xx


Production Part Data
Assigned Identifier: SPRT SERVICE PART  Auth./Lot Qty.: _____
Quoted Item Number: 400                 Auth./Lot Amount:
_____


Cost Analysis Data
Handling Charge:   _____.____
Other Cost:        _____.____
Setup Cost:        _____.____
Original Tooling:  _____.____



F5=Refresh    F7=Assy.Mfg.Process    F8=Purch.Part/Raw Mtrl.
F12=Cancel    F9=Foreign Content     F10=Proposal Detail
```

This screen displays for both solicited and unsolicited quotes and is not displayed if the quote type is TOOL.

All detail screens are displayed by pressing Enter at each screen. Or, each detail screen can be accessed using F7, F8, F9 or F10.

This is an example of a screen when the quote type is PART. Additional fields display if the quote type is SPRT/ RPRT/MPRT.

Cost Analysis Data (that may be entered or changed):

• Handling Charge

• Other Cost

• Setup Cost

• Original Tooling

• Auth./Lot Qty

• Auth./Lot Amount

Assembly Manufacturing Processing screen

Press F7 (assy. mfg. process) from the Part Detail screen or enter from the previous screen to display the Assembly Manufacturing Processing screen.

```
                         QUOTE RESPONSE PART DETAIL
Company: DV                  RFQ#: UNSOLICITD    RFQ Date: 0/00/00
                          UNSOLICITED QUOTE      Receive Date: 7/29/xx
                         SUBLINE ITEM DETAIL DATA
Assembly Manufacturing Process Data ------------------------------------
Assy Mfg Process ID: _____   Direct Labor: .____
Component Quantity:  _____   Tooling Cost: .____
Description and Structured Code:            New Equipment: .____
_____ VAN
Cycle Time Min    Output per hr   Yr Forecast   Depreciation

_____   _____   _____   _____
-----------------------------------------------------------------
Assy Mfg Process ID: _____   Direct Labor: .____
Component Quantity:  _____   Tooling Cost: .____
Description and Structured Code:            New Equipment: .____

_____ ___
 Cycle Time Min    Output per hr  Yr Forecast   Depreciation

_____   _____   _____   _____
-----------------------------------------------------------------


F5=Refresh     F6=Item              F8=Purch.Part/Raw Mtrl.    F17=Top
F12=Cancel     F9=Foreign Content   10=Proposal Detail
```

This screen is not displayed if the quote type is TOOL.

Purchase Part Raw Materials Screen

Press F8 (Purch. Part/raw Mtrl.) from the Part Detail screen or enter from the previous screen to display the Purchase Part Raw Materials screen.

```
                        QUOTE RESPONSE PART DETAIL
Company: DV                    RFQ#: UNSOLICITD         RFQ Date: 0/00/00
                               UNSOLICITED QUOTE     Receive Date: 7/29/xx
                            SUBLINE ITEM DETAIL DATA
Purchase Part/Raw Material Data ----------------------------------------------
Item Number: _____          Recycle/Raw Mtrl: .____
Component Quantity: _____    Raw Mtrl.Unit: .____
Description and Structured Code:            PP w/o Tooling: .____
                                            Tot.PP Tooling: .____
_____ ___
Gross Weight & UOM: .____ __                PP Amort.Tool $: .____
Net Weight & UOM: .____ __
------------------------------------------------------------------------
Item Number: _____           Recycle/Raw Mtrl: .____
Component Quantity: _____      Raw Mtrl.Unit: .____
Description and Structured Code:             PP w/o Tooling: .____
                                             Tot.PP Tooling: .____
_____ ___
Gross Weight & UOM: .____ __                 PP Amort.Tool $: .____
Net Weight & UOM: .____ __
------------------------------------------------------------------------
                                                                 Bottom
F5=Refresh       F6=Item            F7=Assy. Mfg Process          F17=Top
F12=Cancel       F9=Foreign Content F10=Proposal Detail           F18=Bottom
```

This screen is not displayed if the quote type is TOOL.

Fields used if item is a raw material:

- Recycle/Raw Mtrl

- Raw Mtrl. Unit

- Gross Weight & UOM

- Net Weight & UOM

Fields used only if item is a purchased part:

- PP w/o Tooling

- Tot. PP Tooling

- PP Amort.Tool

Unit of Measure (EA) is not a valid Unit of Measure when dealing in weights.

Foreign Content screen

Press F9 (Foreign Content) from the Part Detail screen or enter from the previous screen to display the Foreign Content screen.

```
                        QUOTE RESPONSE PART DETAIL
 Company: DV                 RFQ#: UNSOLICITED          RFQ Date: 0/00/00
                             UNSOLICITED QUOTE          Receive Date: 7/29/xx
                           SUBLINE ITEM DETAIL DATA
 Foreign Content Item Data -----------------------------------------------
  Item Number: _____        FOB Frgn.Cost: .____
  Component Quantity:_____   FOB U.S. Cost: .____
  Inside/Outside U.S.: 1 I/O               Frght.Insurance: .____
  Country of Origin: 123                   Quote to NML Amt: .____
  Description and Structured Code:

  _____ ___
  ------------------------------------------------------------------------
  Item Number: _____        FOB Frgn.Cost: .____
  Component Quantity:_____   FOB U.S. Cost: .____
  Inside/Outside U.S.: _ I/O               Frght.Insurance: .____
  Country of Origin: ___                   Quote to NML Amt: .____
  Description and Structured Code:

  _____ ___
  ------------------------------------------------------------------------


 F5=Refresh     F6=Item              F7=Assy. Mfg Process          F17=Top
 F12=Cancel     F8=Purch.Part/Raw Mtrl.  F10=Proposal Detail
```

This screen is not displayed if the quote type is TOOL.

Proposal Detail screen

Press F10 (Proposal Detail) from the Part Detail screen or enter from the previous screen to display the
Proposal Detail screen.

```
                        QUOTE RESPONSE PART DETAIL
Company: DV              RFQ#: UNSOLICITD          R  FQ Date: 0/00/00
                        UNSOLICITED QUOTE          Receive Date: 7/29/xx
PROPOSAL DATA           Effective Date   Current Cost      Previous Cost
Raw Material Cost...........   _____   _____   _____
Purchased Part Cost.........   _____   _____   _____
Direct Labor Cost...........   _____   _____   _____
Fixed Other Overhead........   _____   _____   _____
Fixed Equipment Overhead....   _____   _____   _____
Variable Overhead...........   _____   _____   _____
General Sales/Admin.........   _____   _____   _____
Incremental Tooling Amt.....   _____   _____   _____
Profit......................   _____   _____   _____
Packaging...................   _____   _____   _____
Freight.....................   _____   _____   _____
Other.......................   _____   _____   _____
Total Piece.................   _____   _____   _____
------------------------------------------------------------------------
Minority Content Amount.....  _____      African American.. .____
    Asian Pacific..... _____      Hispanic American. .____
    Asian Indian...... _____      Native American... .____

F5=Refresh F6=Item F7=Assy.Mfg F8=Purch.Part/Raw F9=Foreign Con 12=Cancel
```

This screen is not displayed if the quote type is TOOL.

Print Quotes (840/843)

(Option 2 on the VL50 menu)

This option prints the Nissan Request for Quotes Report. Requests for Quotes (840s) are received from Nissan of Tennessee. The Nissan Transaction Sets Received Audit Report printed during the Breakdown, indicates if 840s were received. The data in this file is accessed and the response is entered using the option Maintain Response to Quote. When all data has been entered, the 843 is created and transmitted. The data in this file may be printed at any time, until the Response to Quote file is purged.

Create and Transmit Response to Quote (843)

(Option 3 on the VL50 menu)

This option converts the response to quote data into the format necessary for transmission, checks for errors, creates the file to be transmitted and initiates the communication procedure.

Create 843 Screen

```
                    CREATE AND TRANSMIT RFQ RESPONSE

 Enter Quote Number
        or leave blank for ALL

 RFQ Number............... _____

 Control Number .......... 072609185

 Transaction Mode (T/P)... P



 F3=Exit F4=Prompt
```

RFQ Number	-	Request for Quote Number assigned by Nissan.
Control Number	-	Not used by Nissan of Tennessee.
Transmission Number	-	Not used by Nissan of Tennessee.

Purge Response to Quote (843)

(Option 4 on the VL50 menu)

This option removes 840 and 843 data from the files and prints a list of purged records. Note that only records with a status of "T" (Transmitted) are removed.

843 files and segments include:

- VPX843A - BQM, CUR
- VPX843J - N1
- VPX843B - REF
- VPX843K - MSG
- VPX843C - SAC
- VPX843L - PER
- VPR43CD - DTM
- VPX843M - P01
- VPR43DE - LDT
- VPX843N - CST
- VPX843F - PID

- VPX843O - SLN
- VPX843G - N9
- VPX843P - PD
- VPX843H - MEA
- VPX843Q - PDD
- VPX843I - TDS
- VPX843R - QTY

```
                    PURGE NISSAN REQUESTS FOR QUOTE


     Enter the following:


                         From         To
     RFQ Number ...... _____  _____
      - OR -
     Send Date ....... _____    _____
      - OR -
     Received Date ... _____    _____



     F3=Exit
```

RFQ Number	-	Enter a range of Nissan request numbers to purge.
Send Date	-	Send date is the date the response was sent to Nissan.
Received Date	-	Received date is the date the request for quote was received from Nissan.

A report prints listing purged records.

Reactivate Response to Quote

(Option 5 on the VL50 menu)

This option changes 843 records with a status of "T" for transmitted to "O" for open so they can be transmitted again.

```
                     PURGE NISSAN REQUESTS FOR QUOTE

  Enter the following:


                      From            To
  RFQ Number ......  _____      _____
    - OR -
  Send Date .......  _____        _____
    - OR -
  Received Date ...  _____        _____



  F3=Exit
```

RFQ Number   -   Enter the Nissan request number to purge.

Send Date   -   Send date is the date the response was sent to Nissan.

Received Date   -   Received date is the date the request for quote was
                                       received from Nissan.

Press enter. A report prints listing reactivated records.

Nissan P.O. Inquiry Menu - VL35

```
VLD3500S1    4/11/XX           MENU: VL35S         11:00:43

12.0         --------------------------------------------------

                              NISSAN

                         P.O. INQUIRY MENU

             --------------------------------------------------

             1.  Display Purchase Orders

             2.  List Purchase Orders

             3.  Purge Purchase Orders


             23.  Return to V/L Communications Menu

             24.  Return to Main Menu


                            Option
```

P.O. Inquiry Overview

The Nissan P.O. Inquiry Menu is used to inquire into the 850 file received from Nissan. Nissan Purchase Orders (850s) are NOT processed into the load file even if the 850 report flag is marked.

Nissan uses the 850 to establish pricing only.

During the "Process," all data received in the 850 file is placed in files: VPX855A, VPX855B, VPX855C, VPX855D, VPX855E, VPX855F, VPX855G, VPX855H, VPX855I, VPX855J, VPX855K, VPX855L, VPX855M, VPX855N and VPX855O.

This is the same data from the 850 Edit List that is placed on hold during the "Print" from the Nissan VL0S menu. All data received can be viewed and/or listed from this menu (VL35S). When this data is no longer current, it may be purged. Purging Purchase Order records from this menu does not affect the Requirement or Load Files.

Product Service Claim Menu - VL73

Product Service Claim Overview

Nissan transmits Product Service Claims (142s) to provide the supplier with claim details such as the amount, symptoms, repair action, date details, special services and service claim costs. The product service claim menu provides inquiry into the 142 files, the ability to print details for an individual claim from the Claim Amount Window and the ability to print details for a range of claims using the List Product Service Claims option.

It is the supplier's responsibility to respond to claims according to Nissan's time frame requirements. There is no electronic response.

Display Product Service Claim

(Option 1 on the VL73 menu)

This option displays the Claim Inquiry screen. Each line item represents one month's claims. Several windows may be accessed to display claim details received in the 142 file such as the amount, symptoms, repair action, date details, special services and service claim costs.

Vendor Claim Inquiry Screen

```
VLD7310A
  8/07/XX                NISSAN VENDOR CLAIM INQUIRY                 VLR7310
 10:26:15                COMPANY - 01 SS HOLDING, INC


 Select: 1=Claim Amount/Detail 2=Address Detail


    Issuing DUNS      Dest. DUNS        Ref No.   Ref Date  Tot Chg. Back
Opt    Supplier ID        Prod Quality Name                   Phone No.


   054481205WTCP      054481205WTCP     05110000001 12/13/XX        156983.47
      3008450            SANDRA SETTLE                          615/355-22
```

Each line item on the Claim Inquiry screen represents one transmission of claims. Nissan transmits claims monthly. Enter "1" next to the line item to display the Claim Amount Window and to access other windows to display claim detail. Enter "2" next to the line item to display the Service Claim Address Window with the supplier's name and address according to Nissan's records. To position the cursor to a specific Issuing DUNS, enter the DUNS on the red line. This red line displays on the first line below the column headings.

The Claim Amount Window accesses other windows:

• Service Claim Item Detail: Date Detail and Special Service

• Service Claim Symptom Detail

• Service Claim Repair Action: Service Claim

The new information is available in the Nissan 142 Inquiry from the Claim Amount screen by selecting option:

5=Add'l Claim Info

```
 VLD7310B              CLAIM AMOUNT


 1=Item  2=Symptom  3=Repair  4=Print  5=Add'l Claim Info


           Business              Adjustment    Claim Total

   Claim No.    Type    State      Memo#         Amount


   190000039    PR      NJ    007788800              249.17
   190000117    PR      AZ    007788801              255.77
   190000207    PR      CA    007788802              255.77
   190000955    PR      MI    DM3456789              247.57



                                                   Bottom

 F3=Exit  F12=Return                             |
```

Nissan upgraded their 142 specifications to include additional information to the claim header. This information includes Distributor's Claim Number, Distributor Code/description, Claim Class Code/ description, and Major Model Series Code/description. This information has been added to the 142 History files and the Nissan 142 Inquiry and Listing.

Pictorial Overview

All service claim details are displayed in windows accessed directly or indirectly from the Claim Inquiry Screen. The diagram below illustrates where specific details can be found.
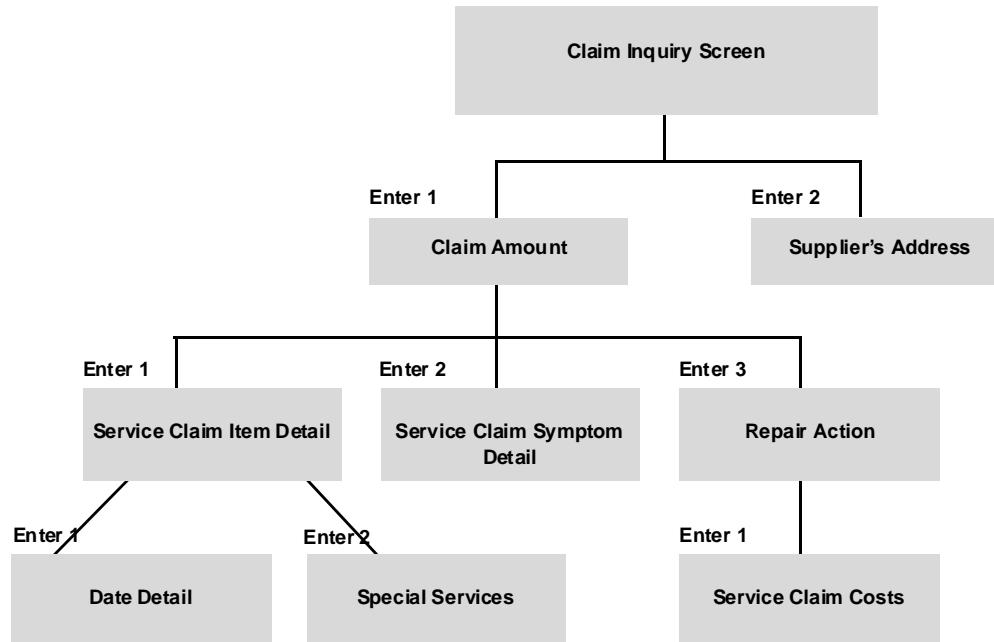
Vendor Claim Amount Window

Enter "1" from the header screen to display the Claim Amount window

```
                        NISSAN VENDOR CLAIM INQUIRY

                             CLAIM AMOUNT

    1=Item   2=Symptom   3=Repair   4=Print

                     Business            Adjustment      Claim Total
             Claim No.   Type    State    Memo#            Amount

        _    007449397    PR      TN     000151092          137.71
        _    007454047    PR      FL     000154998          129.52
        _    007457890    PR      GA     000158173           65.56
        _    007463985    PR      MS     000163005           74.76
        _    007464054    PR      CA     000163068           82.00

             F3=Exit   F12=Return

    Roll up or down past the first or last record in file.

     F3=Exit
```

1 - Item	- Displays the Service Claim Item Detail window. From the Service Claim Item Detail window, the Date Detail and the Special Service windows are accessed.
2 - Symptom	- Displays the Service Claim Symptom Detail window.
3 - Repair	- Displays the Service Claim Repair Action window. From the Service Claim Repair Action window the Service Claim Costs window is accessed.
4 - Print	- Prints all details relating to this claim. See the option List Product Service Claims for a sample report.

Business Type (Codes) include:

- IS In-house Service Part
- PP Precious Metals
- MP Mexico Part
- PR Production Part
- NS North Amer. Sourced
- RP Reverse Van Part
- NT Nitco Part
- SP Service Part
- PM Past Model Service

Service Claim Item Detail

Enter "1" from the Claim Amount screen to display the Service Claim Item Detail window.

```
                    Service Claim Item Detail

    1=Date Detail   2=Special Services

   End Item                       Part Name
     VIN No.          Eng No    Mod    MY     Mileage  UoM
   Part Number   Code/Description    Primary Failed Part Description
 _   BOBALBAC7OEURD---                 16119AE013
     1N4AL11D05N449178  138800    4TR2  2005        8710  DH
     55020 SPRING, REAR              SPRING ASSEMBLY


                                                       Bottom
 F3=Exit   F12=Return
```

```
          Claim Date Detail

          Qual Date Cent
          214 xx/06/21 19
          094 xx/09/01 19
          006 xx/03/19 19
```

Enter "1" to display date details.

Enter "2" to display special service details.

```
       Product Claim Special Services
       Spc Code  Sup Rate  Claim Amt.  Sup Amt.
       PP          .345      14.50      5.00
       SH          .500       2.38      1.19
       ZZ          .500       9.49      4.74


       F3=Exit F12=Return
```

Special Service Codes include:

- PP - Parts Charge (total part cost for this claim)

- SH - Special Handling (total sublet cost for this claim)

- ZZ - Labor Charge (total labor cost for this claim)

Nissan Suppliers:

The new information is available in the Nissan 142 Inquiry from the Claim Amount screen by selecting Option 5=Add'l Claim Info

```
 VLD7310B              CLAIM AMOUNT


 1=Item 2=Symptom 3=Repair 4=Print 5=Add'l Claim Info


              Business            Adjustment    Claim Total
Claim No.    Type    State        Memo#         Amount
190000039    PR      NJ    007788800                249.17
190000117    PR      AZ    007788801                255.77
190000207    PR      CA    007788802                255.77
190000955    PR      MI    DM3456789                247.57
```

Service Claim Symptom Detail Window

Enter "2" from the Claim Amount Window to display the Service Claim Symptom Detail window

```
            Service Claim Symptom Detail

 1=Message Text


    Code            Symptom Description
 _  HD          CHECK ENGINE/MIL LIGHT ON

 _  32          INTERNAL FAILURE
                                        Bottom
```

If there is a message, option "1=Message Text" will appear on this window. Select "1" to view the message(s).

```
                    Service Claim Symptom Detail Messages
                    AB     ENGINE STALLS


       TEST MESSSAGE TEXT LINE SHORTER THAN 80 BYTES LONG.
       TEST MESSAGE TEXT LINE LONGER THAN 80 BYTES LONG. THIS IS TO
       TEST IT TO BE SURE THAT THE BREAKDOWN WILL CREATE MULTIPLE "MSG"
       LINES WHEN THE LENGTH EXCEEDS 80.


                                                                Bottom

       F3=Exit    F12=Return
```
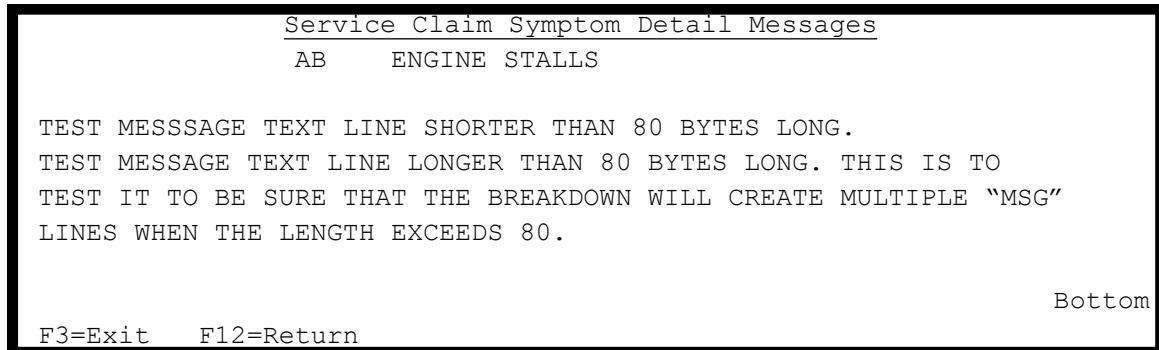
Service Claim Repair Action

Enter "3" from the Claim Amount Window to display the Service Claim Repair Action Window.

```
           Service Claim Repair Action


    1=Cost Detail


      Qual        Repair Action
    _ PN 2008085E00
    _ RV FD44A1


    F3=Exit F12=Return
```
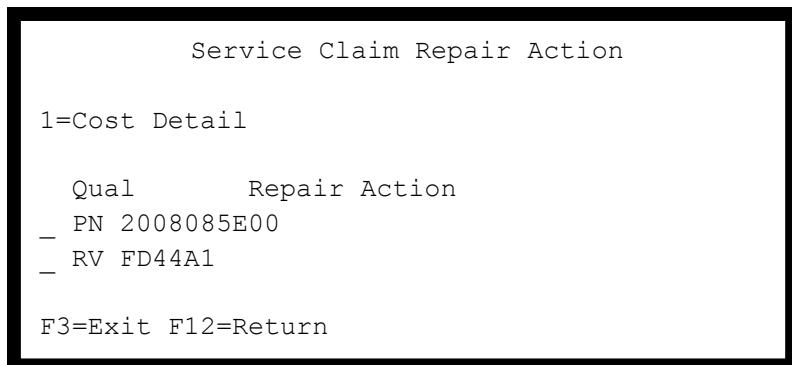
Service Claim Costs Window

Enter "1" from the Service Claim Repair Action Window to display the Service Claim Costs Window.

```
           Service Claim Costs


    Labor Hrs               Labor Cost UoM
        1000                    14.5000 EA



    F3=Exit F12=Return
```
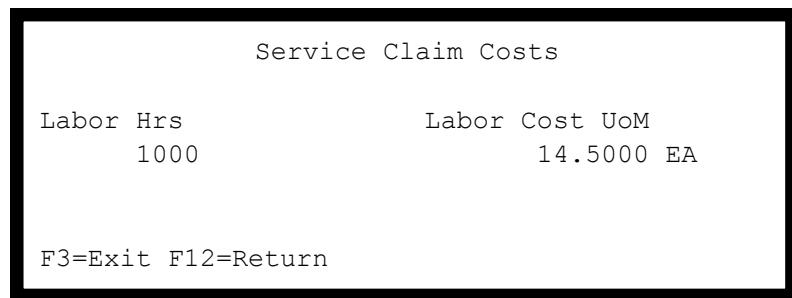
Service Claim Address Window

Enter "2" from the Claim Inquiry screen to display the Service Claim Address Window.

```
           Service Claim Address

Ref. ID: FTS03
Name: INFOR
Address:
City:                      State:     Zip:


F3=Exit F12=Return
```

The Service Claim Address Window displays the supplier's name and address according to Nissan's records.

List Product Service Claim

This option prints product service claims (142) data received from Nissan. Enter a range of service claim number to list. Or, leave blank for all.

Purge Product Service Claims

This option removes product service claims (142 data) from the universal files VPX142A - VPX142J.

Nissan Remittance Advice Menu - VL36

```
VLD3600S1     4/11/XX              MENU: VL36S           11:03:25

 12.0         --------------------------------------------------

                              NISSAN

                        REMITTANCE ADVICE MENU

              --------------------------------------------------

              1.  Display Remittance Advice

              2.  List Remittance Advice

              3.  Purge Remittance Advice


         23.  Return to V/L Communications Menu

         24.  Return to Main Menu


                              Option
```

Remittance Advice Overview

This Remittance Advice menu (VL36S) is used to display, print and purge the Remittance Advice (820) file received from Nissan. The 820 is issued when a check is issued indicating the payment amount and the invoice data supporting this payment, such as the invoice numbers, part numbers, quantities, Purchase Order Numbers, etc. 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 "Breakdown," all data received in the 820 file is placed in universal Remittance Advice files: VPX820A - VPX820K.

Remittance Advice Pictorial Overview

Screens, Selection Options, and Function Keys
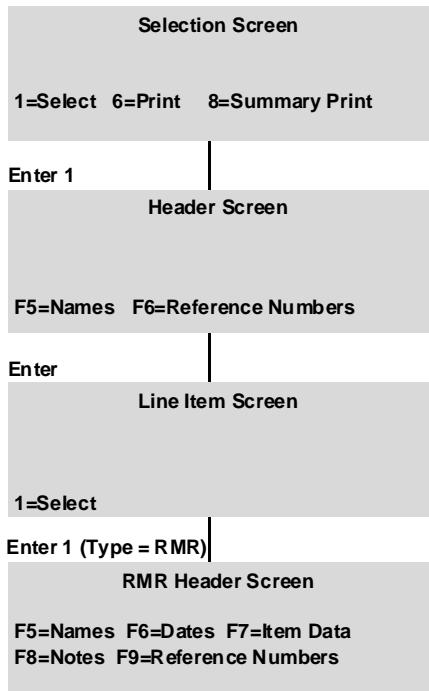
```
+------------------------------------------+
|            Selection Screen              |
|                                          |
| 1=Select  6=Print   8=Summary Print      |
+------------------------------------------+
Enter 1           |
+------------------------------------------+
|             Header Screen                |
|                                          |
| F5=Names   F6=Reference Numbers          |
+------------------------------------------+
Enter             |
+------------------------------------------+
|           Line Item Screen               |
|                                          |
| 1=Select                                 |
+------------------------------------------+
Enter 1 (Type = RMR)|
+------------------------------------------+
|           RMR Header Screen              |
|                                          |
| F5=Names F6=Dates F7=Item Data           |
| F8=Notes F9=Reference Numbers            |
+------------------------------------------+
```

Pictorial Overview

All service claim details are displayed in windows accessed directly or indirectly from the Claim Inquiry Screen. The diagram below illustrates where specific details can be found.
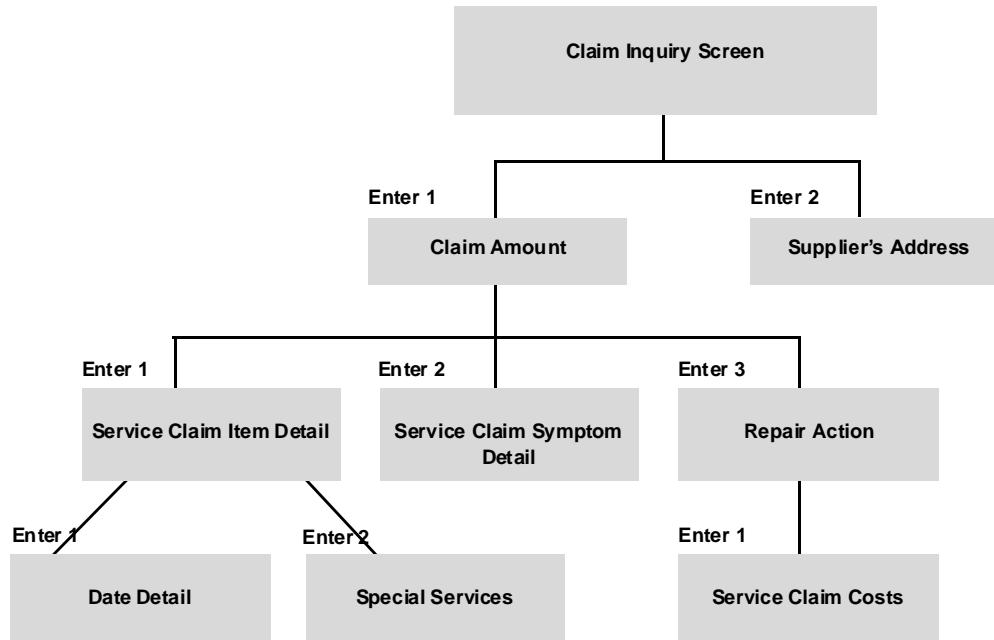
Vendor Claim Amount Window

Enter "1" from the header screen to display the Claim Amount window

Nissan Receiving Advice Menu - VL38

```
VLD3800S1     4/11/XX            MENU: VL38S          11:04:34   12.0
                                NISSAN

                         RECEIVING ADVICE MENU

          1.   Display Receiving Advice

          2.   List Receiving Advice

          3.   Purge Receiving Advice


         23.   Return to V/L Communications Menu

         24.   Return to Main Menu


                              Option
```

Receiving Advice Overview

(Option 19 on the VL0 Menu)

The Receiving Advice menu (VL38S) is used to display, print, and purge the Receiving Advice (861) file received from Nissan of Tennessee. The 861 reports discrepancies between the ASN data and the data recorded by Nissan of Tennessee 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. When the Receiving Advice 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 861 file is placed in the universal Receiving Advice files VPX861A - VPX861H.

Receiving Advice Pictorial Overview
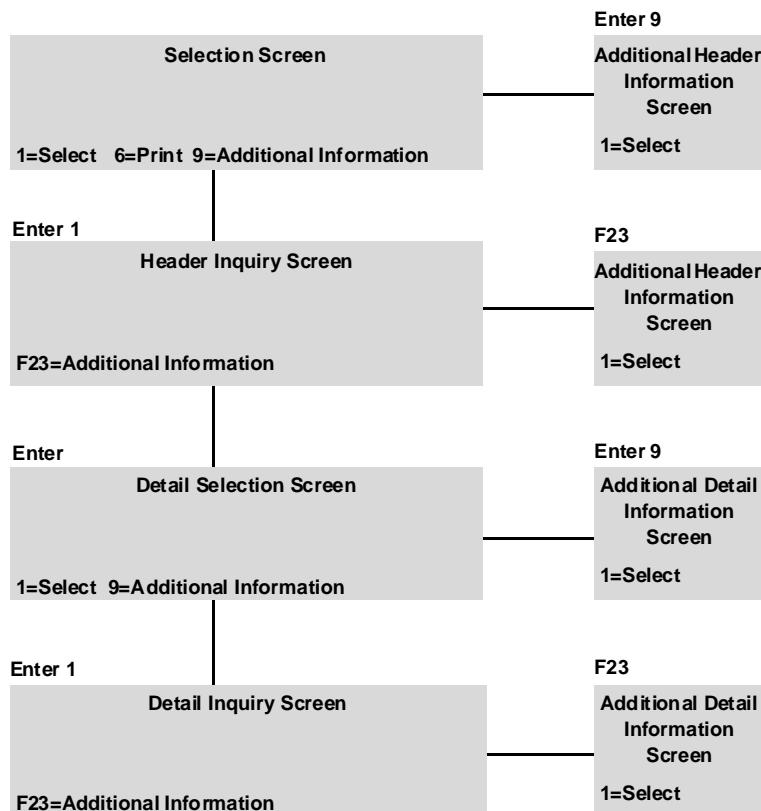
Nissan Application Advice Menu - VL44

```
VLD4400S1     4/11/XX           MENU: VL44S          11:07:24

12.0         ---------------------------------------------

                             NISSAN

                   APPLICATION ADVICE (824) 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 Overview

(Option 20 on the VL0 menu)

The Application Advice Menu (VL44S) is used to display, print, and purge the Application Advice (824) file received from Nissan of Tennessee. The Application Advice reports errors of content in the file received from Nissan of Tennessee. An Application Advice also indicates that the transmission was accepted with errors or was rejected. The Transaction Sets Received Audit Report, which is printed during the "Breakdown," identifies the transaction sets received by each company. During the "Breakdown," all data received in the 824 file is placed in the universal Application Advice files VPX824A - VPX824H. When Application Advice data is no longer current, it may be purged.

Display Application Advice

(Option 1 on the VL44 menu)

Valid Acknowledgement codes include:

• TR Transaction Set Rejected

Valid Error Condition codes include:

• BPN   Invalid part number for the given plant.

• NVM   Invalid Purchase Order Number for this vendor.

- PNE   Part does not exist on the Purchase Order.
- ISC   Invalid SCAC Code.
- IPN   Invalid plant number.
- MRA   Shipment received manually. ASN not processed.
- BSD   Shipped date is greater than actual date.

Application Advice Pictorial Overview

Selection Screen

1=Select 6=Print

Enter 1

Header Inquiry Screen

F4=Names

F4

Name Information Screen

1=Contacts

Enter

Detail Selection Screen

1=Select

Enter 1

Detail Inquiry Screen

F4=Technical Notes   F5=Reference No.
F6=Dates   F7=Quantity   F8=Amount
F9=Contacts

F4

Technical Error Desc. Screen

1=Select
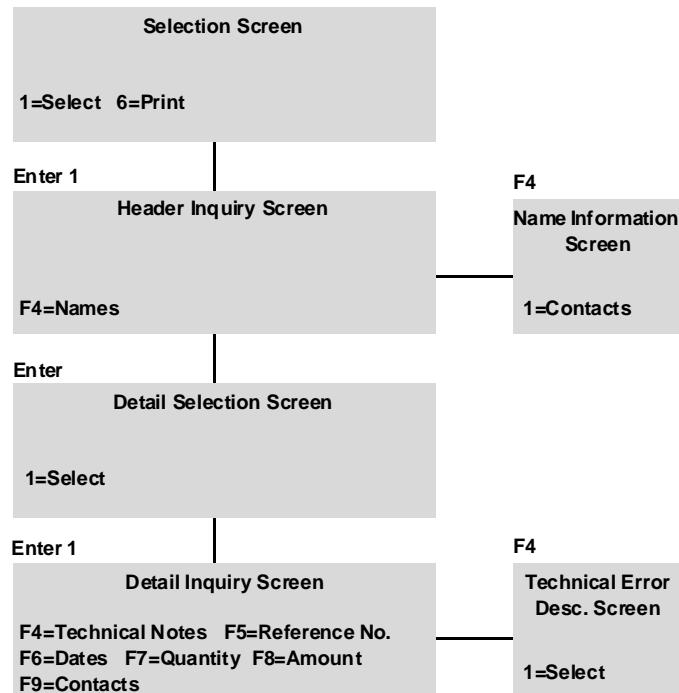
ASNs

Note: 866 sequence requirements do not require bar code.

Maintain ASNs

This option is used to change ASNs that have been extracted, or add ASNs to the file.

ASN Maintenance Screen

Company   -   Displays the company number that was previously entered.

Sequence number   -   Assigned by the system.

OEM   -   "S" for Nissan.

```
VLD810S1                        ASN MAINTENANCE

  Company JZ    Sequence number  1207   OEM S    ASN C     Action Code O

 ----------------------------------------------------------------------------

Shipper # ... 081694    In-House Prt#.. 66810                   U of M ... EA

Ship Date ... 4/15/XX  Cust Part # ... 66810

Ship Time ...  9:04

Cust Abrv ... NISSAN    Plant ID ...... 1056903

Dest Abrv ... CANTON    Corp ID ....... CORP ID

Qty Shp...... 80        Container Qty..    1      Container Desc. CTN90

Pallet Desc..           Net Weight.....    800    Carrier Abbv ... DM

Pallet Qty...           Tare..........     1

Conv. Code... M         Rack ID........            Rack Sequence..

Equip Desc... TL        OEM Division... MEXICO

                        PO Number ..... SPO90

                        RAN/DON ....... SRAN90
```

ASN   -   Defaults from the Destination File. The ASN code can be changed at shipper entry time. Nissan uses the ASN code of "V" for variable length without bar code or "C" for variable length with bar code.

Action Code	-	The action code places the corresponding two-digit code in the BSN 01 segment in the ASN file. Valid codes include:O - Original 00H - Hold Record is not included in transmission

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

Shipper #	-	Shipper number assigned by the system when the shipper was created.
In-House Prt #	-	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. If the OEM division in the Requirement A record is MEXICO, KG (kilogram) is transmitted in the MEA segment in the ASN file. The entry in this field is ignored.
Ship Date	-	Date of Shipment in the MM-DD-YY format. Defaults from shipper entry time.
Cust Part #	-	Nissan's part number.
Ship Time	-	Time entered at shipper entry time (HHMM) in military format. If no time is entered the ship time is defaulted 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 Nissan. 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.
Corp ID	-	Defaults from the Identification Code File. The supplier code entered in the Requirement Master finds a match in the Plant ID field in the Identification Code File and if there is a corp ID entered, it defaults to this field.
Qty Shp	-	Number of pieces shipped.
Container Qty	-	The number of containers which is calculated by dividing the quantity shipped by the package quantity entered in the Requirement A record. It can be changed at shipper entry time.

Container Desc	-	The container description must be a valid AIAG standard description consisting of 3 alpha characters followed by 2 numeric characters. This defaults from the Container File. The container code can be changed at shipper entry time.
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	-	The weight of the container(s) which is calculated based on the container and pallet weights entered in the Container File. The tare weight can be changed at shipper entry time.
Conv Code	-	AIAG standard code which describes the method of conveyance. Defaults from the Carrier File. It can be changed at shipper entry time.
Rack ID	-	Defaults from the Rack ID field in the Rack ID file for Nissan (866) sequence requirements.
Rack Sequence	-	Defaults from the next sequence number field in the Rack ID file for Nissan (866) sequence requirements.
Equip Desc	-	The equipment description further describes the Conveyance Code. It defaults from the Carrier File.
OEM Division	-	Defaults from the Requirement A record. Valid entries in the OEM Division field for Nissan Tennessee include: - ILVS - If this shipment represents Nissan (866) sequence requirements, enter ILVS. This indicates that shipping history is to be checked for PDSNs and to identify sequence part ASNs when the create and transmit option is taken.-MEXICO- Nissan Mexico may transmit requirements with a duplicate RAN with a different requirement date. During the "Process", a requirement with a RAN that is found in shipping history (already shipped) is NOT processed, whether or not the date is the same.
PO Number	-	Purchase Order Number issued by Nissan of Tennessee. Defaults from the Requirement B record.
RAN/DON	-	Nissan transmits a RAN (Receipt Authorization number).
Seal #	-	Seal number entered at shipper time. If there are multiple seal numbers entered through seal number maintenance, they are all transmitted on the ASN but only the one entered on the shipper entry screen

		displays here.
Conv Bill	-	Defaults from the conveyance number field at shipper entry time if a trailer number or air freight number was entered. If there was no entry at that time, the shipper number is defaulted.
Charge (Y/N)	-	If Y is retrieved from the shipping files, or manually entered, it means the amount in the "Price/Charge" field is a handling charge and it is transmitted in the ITA segment in the 856 file. This record does not represent a part. If N displays, the amount in the "Price/Charge" field represents the unit price of the part.
Price/Charge	-	The amount displayed is either a handling charge (if the Charge field = Y) or the unit price of the part represented by this record (if the Charge field=N). The charge is transmitted in the ITA segment and the "price" is transmitted in the SLN segment in the 856 file.
F13 - Factura#	-	Displays the Factura Maintenance Add window, on which users can assign a Factura Number to the ASN or update any Factura Number previously assigned. Note that this function key only displays for customers who have purchased the Factura component.
		For more information, refer to Forms Control File Maintenance in Chapter 11: System Maintenance.

Maintain Bar Code Data

(Option 4 on the VL8 menu)

This option is used to add, change or delete bar code records. The information in this file must match the corresponding Shipper and ASN. If scanning ability is not available, bar code data may be entered manually.

To control the "A" and "B" safety symbol on the labels, enter either "SAFETY-A" or "SAFETY-B" into the part's "OEM Misc. Information #2" on the part cross reference. From the MAIN Menu: OPT 6, "File Maintenance Menu" then opt 3, "Parts Cross Reference".

Nissan(S) Production plants (Canton, Decherd and Smyrna) have implemented a unique label procedure.

The master label's data identifier is now "S". The mixed label contains the Supplier ID & Manufacture Date (no serial number).

Mixed pallets must contain the mixed label and the master label for each Part/RAN combination on the mixed pallet.

For example:

If a mixed pallet has 4 different Part/RAN combinations, then you would have 4 master labels and 1 mixed label on the pallet (Note: containers will still have a container label).

When creating a shipper for a mixed pallet, the pallet count on the line items on the mixed pallet need to be adjusted so the shipper reflects one pallet for the combination of parts.

Bar Code Maintenance Screen

```
VLD8400B                     BAR CODE MAINTENANCE


                   Company Number.......... KB
                   Identification Number... 100000
                   Sequence Number........ 00020


Label Serial Number....                    Associated Master/Mixed Serial
Label Type ............
Package Quantity.......
Customer Part Number...
RAN Number............
Returnable Container ..
Purchase Order Number..
IPP Tag Number 1.......                    IPP Reason Code 1...
IPP Tag Number 2.......                    IPP Reason Code 2...
       OEM/Label Type                      (C=Container M=Master
                                    X=Mixed)
User Defined Field ....
User Defined Field ....
User Defined Field ....
User Defined Field ....
Lot Number............
```

Label Serial Num	-	Serial number from the bar code label.
Associated Master/Mixed Serial	-	The master/mixed serial number associated with this label is retrieved from the SCPBCODE file. This field must be entered whether the label is a master/mixed or single. If this is a master/mixed label this field will match the label serial number field.
Label Type	-	S - Master label S - Single label – N/A - Mixed label.
Package Quantity	-	The total quantity per label type.
Customer Part Number	-	Nissan's part number.
RAN Number	-	Enter the RAN (Receipt Authorization Number). Optional.

Returnable Container	-	Serial number from the bar code label for the returnable container.
Purchase Order Number	-	Not used by Nissan Tennessee.
IPP Tag Number 1	-	Not used by Nissan Tennessee.
IPP Reason Code 1	-	Not used by Nissan Tennessee.
IPP Tag Number 2	-	Not used by Nissan Tennessee.
IPP Reason Code 2	-	Not used by Nissan Tennessee.
OEM (NC/TM) / Label Type	-	Not used by Nissan Tennessee.
User Defined Field	-	Data entered in this field is user-defined (may originate from the (four fields) printed label file, (VARUPBAR) and is carried through to the SCPBCODE file.

Maintain Printed Bar Code Labels

(Option 5 on the VL8 menu)

This option is used to add, change or delete bar code records. The information in this file must match the corresponding shipper and ASN. If scanning ability is not available, bar code data may be entered manually. Press enter from the Printed Labels Selection screen to display the label maintenance fields.

Printed Label Maintenance Screen

Supplier Number	-	Identification code assigned by Nissan.
Package Quantity	-	Quantity shipped/scanned.
Customer Part Number	-	Nissan's part number.
RAN Number	-	Receipt Authorization Number.
Purchase Order Number	-	Not used by Nissan.
Model Year	-	Not used by Nissan.
Date Printed	-	Date the bar code labels were printed.
User Defined Field	-	Data entered in this field is user-defined and is carried through to (four fields) the VARUPBAR and SCPBCODE files.
OEM (NC/TM) /Label Type	-	Not used by Nissan.
Transmitted (Y/N)	-	"Y" defaults if the label has been uploaded from the Smart Label system. The transmitted field and the note that follows is displayed only when displaying an existing record, not when adding a record.

Reactivate Transmitted ASNs/Bar Codes

(Option 11 on the VL8 Menu)

To reactivate transmitted ASNs/Bar Codes, choose option 11, Reactivate Transmitted ASNs/Bar Codes, from the ASN main menu. The Reactivate Nissan ASN/DESADV screen displays:

- To reactivate an In-Transit ASN, select "I - In Transit" with "1."

- To reactivate a Transmitted ASN, select "T - Transmitted" with "1."

```
VLD8618A

                        REACTIVATE NISSAN ASN/DESADV

  Enter the following or leave blank for ALL:

                      Customer Abbreviation ......

                      Destination Abbreviation ...

                                              From         To

                      Shipper Number .............      0           0

                      Shipper Date ...............   4/24/XX    4/24/XX

     Options:  1=Select

              Opt   Transmit Codes

                    I - In Transit

                    T - Transmitted

        F3=Exit

```

Note: Either an In-Transit ASN (I) or a Transmitted ASN (T) may be reactivated, but not both simultaneously.

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   Describes the standard procedures for transmitting ASNs with bar code.
Options

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.