Infor Navistar (V)

Traditional

Contents

Table of Changes

Changed By	Date	Reason	Update#	Section Changed
K. Radtke	8/10/15	Allow zero cum to process in	A114031302	OEM Specific Process Flag
K. Radtke	8/14/15	Hazardous material information	A112083105	Commodity Code File
K. Radtke	8/17/15	Navistar business process change	A111021101	850
K. Radtke	8/17/15	Added new purpose code for replacement ASNs. Country of Origin added to ASN.	A110060403	ASN

General Information

Transaction Sets and Versions

The Navistar Corporation module supports the following transaction sets:

- 810 Electronic Invoice   Version 4010
- 820 Remittance Advice   Version 4020
- 824 Application Advice   Version 3040
- 830 Material Release   Version 2040
- 838 Print Trading Partner Profile   Version 3040
- 846 Inventory Advice   Version 4020
- 850 Purchase Order   Version 3040
- 856 ASN   Version 3050
- 860 Purchase Order Change   Version 3040
- 861 Receiving Advice   Version 3040
- 862 Shipping Schedule   Version 2040
- 864 Text Message   Version 3040
- 866 Production Sequence   Version 4010
- 870 Order Status Report   Version 3040
- 997 Functional Acknowledgement   Version 2040

The 810 (Electronic Invoice) is transmitted to Navistar when required.

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) reports errors of content in the file received from Navistar.

The 830 (Material Release) is forecast information or planning. It is not authorized ship.

The 838 (Print Trading Partner Profile) is used to request, change, verify, or transmit business profile information to or from a trading partner.

The 846 (Inventory Advice) is used to indicate that inventory advices were transmitted from Navistar. Inventory Advices may contain the production date of the part shipped, VIN, quantities consumed in production, purchase order numbers, and line-item details.

The 850 (Purchase Order) is an authorized ship.

The 850 (Purchase Order)

If an Order Status Report (870) is received by Navistar in which the original quantity required was reduced (a partial shipment will be made), Navistar will transmit an 862 for the quantity that will be shipped according to the information from the 870. Navistar will also retransmit the 850 with the entire original quantity and transmit an 860 (Purchase Order Change), which will change this 850 to reflect the remainder of the original required quantity that is still without a destination.

The 856 (ASN) is required to be transmitted for each shipment within one hour of the truck leaving the plant.

The 860 (Purchase Order Change) is a change to the 850. Navistar data (with destinations) received on 860s is changed to 862s during the process, because Navistar uses these transaction sets as authorized ship schedules. This data will print on the 830/862 Edit Report and will be processed as 862s. The data will be viewed and printed as 862s on inquiries and reports. 860s without destinations change the corresponding 850 record that is accessed from the Order Status Report Menu (VL72V).

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

The 862 (Shipping Schedule) is daily authorized ship.

The 864 (Text Message) is text transmitted to the supplier from Navistar.

The 866

- Production Sequence Schedule is authorized ship.

- Slotted Order is used for planning. Job information is processed as 830s; configuration information is not processed, but is printed on the Edit List.

- Process Information contains job and part information that is printed only.

The 870 (Order Status Report) is a verification of the ship quantity, delivery date, and unit of measure for non-destination requirements that is created and transmitted to Navistar.

The 997 (Functional Acknowledgement) is required to be transmitted to acknowledge the received files within half an hour. A 997 is also received to acknowledge the transmitted 856.

Plant Codes

Engine & Foundry Division--Indianapolis Engine Plant--Indianapolis, IN

DUNS 094465028

Address Ship-to Codes

Indianapolis Plant 006

5565 Brookville Road

Indianapolis, Indiana 46219

Celadon Dedicated Services A1, BL, CP, CR, HB, L1, L2, L3,

C / O Navistar

1440 Brookville Way

Indianapolis, IN 46219

Indianapolis Plant -Casting Warehouse CW

5565 Brookville Road

Indianapolis, IN 46219

Engine and Foundry Division--Indianapolis Engine Plant--Indianapolis, IN

DUNS 094465028

Address Ship-to Codes

Celadon Dedicated Services L4, Q1, Q2, R3, RP, T1, T2
C / O Navistar
1440 Brookville Way
Indianapolis, IN 46219

Indianapolis Plant O2
5565 Brookville Road
Indianapolis, IN 46219

Indianapolis Foundry--Indianapolis, IN

DUNS 094465028

Address Ship-to Code

Indianapolis Foundry 007
5565 Brookville Road
Indianapolis, Indiana 46219

International Diesel of Alabama, L.L.C.--Huntsville, AL

DUNS 115117926

Address Ship-to Codes

International Diesel of Alabama, LLC 040
646 James Record Road
Huntsville, AL 35824

Perez Services Inc. BL, CP, CR, L1, L2, L3, L4, Q1, Q2, RS, T1, T2
C / O International Diesel of Alabama, LLC
151 Jetplex Blvd. Suites A-D
Huntsville, AL 35824

Melrose Park Engine Plant--Melrose Park, IL

DUNS 005245238

Address Ship-to Codes

Melrose Park Engine 083
10400 West North Avenue
Melrose Park, Illinois 60160

ODW Contract Services A1, PE, PP, PW, RC, RM, RP, SL, SM, SN, SS, TT, 28,
C/O Navistar 34, 52
5300 Proviso Dr.
Melrose Park, Illinois 60160

Navistar Corp.-Offsite Supplier OS
10400 W. North Avenue
Melrose Park, Illinois 60160

Waukesha Foundry--Waukesha, WI

DUNS 006118004

Address Ship-to Code

Waukesha Foundry 034
1401 Perkins Avenue
Waukesha, Wisconsin 53186

IC Corporation--Tulsa, OK

DUNS 959833575

Address Ship-to Code

IC Corporation 014
2322 North Mingo Road
Tulsa, Oklahoma 74116

IC Corporation--Conway, AR

DUNS 021344700

Address Ship-to Code

IC Corporation 009
751 South Harkrider
Conway, Arkansas 72032

Blue Diamond Truck, S.de R.L. de C.V.--Escobedo, Mexico

DUNS 102239394

Address Ship-to Code

US-based suppliers must use this address:

Blue Diamond Truck, S.de R.L. de C.V. 011
c/o Gonzales De Castilla, Inc.
11929 Sara Drive
Laredo, Texas 78045

Mexican-based suppliers must use this address:
Blue Diamond Truck, S.de R.L. de C.V. 011
Carretera Monterrey-Monclova Km. 5 No. 5000
General Escobedo, Nuevo Leon
CP 66050 Mexico

Chatham Assembly Plant--Ontario, Canada

DUNS 04063515

Address Ship-to Code

Chatham Plant 020
508 Richmond Street
Chatham, Ontario, Canada N7M5M4

Cab Assembly and Stamping Plant--Springfield, OH

DUNS 147809631

Address Ship-to Code

Navistar 015
Cab Assembly and Stamping
349 W. County Line Road
Springfield, Oh. 45502

Escobedo Truck Assembly Plant--Escobedo, Mexico

DUNS 161984646

Address Ship-to Code

US-based suppliers must use this address:

Camiones y Motores International de Mexico S.A. de C.V. 065
c/o Gonzales De Castilla, Inc.
11929 Sara Drive
Laredo, Texas 78045

Mexican-based suppliers must use this address:

Camiones y Motores International de Mexico S.A. de C.V. 065

Carretera Monterrey-Monclova Km. 5 No. 5000

General Escobedo, Nuevo Leon

CP 66050 Mexico

P.E.C--Sidney, OH

DUNS 939812504

Address Ship-to Code

Navistar PEC Center 078

2855 Deziel Drive

Windsor, ON N8W 5A5

Severe Service Truck Assembly Plant--Garland, TX

DUNS 007360639

Address Ship-to Code

SST Truck Company 062
4030 Forest Lane
Garland, Texas 75042

Springfield Assembly Plant--Springfield, OH

Address Ship-to Code

DUNS 049645120

Springfield Assembly Plant 002ASM
6125 Urbana Road
Springfield, Ohio 45502

DUNS 965801939

Springfield Assembly Plant 002URB
6125 Urbana Road
Springfield, Ohio 45502

Other Truck Locations

Gramag Truck Interior Systems, LLC--Blue Diamond, Mexico

DUNS 102239394

Address Ship-to Code

Gramag Truck Interior Systems LLC 011GRM
2999 Lewis Centre Way
Grove City, Ohio 43123

Gramag Truck Interior Systems, LLC--Escobedo, Mexico

DUNS 161984646

Address Ship-to Code

Gramag Truck Interior Systems LLC 002LMS
2999 Lewis Centre Way
Grove City, Ohio 43123

Logistics Management Services Inc.--Springfield, OH.

DUNS 049645120

Address Ship-to Code

L.M.S.I. 002LMS
202 East Washington
Springfield, Ohio 45502

Ohio Distribution Warehouse--Urbana, OH.

Address Ship-to Code

DUNS 049645120

Ohio Distribution Warehouse 002ODW
1030 South Edgewood Ave.
Urbana, Ohio. 43078

DUNS 147809631

Ohio Distribution Warehouse 015ODW
1030 South Edgewood Ave.
Urbana, Ohio. 43078

TSI Services--Springfield, OH.

DUNS 049645120

Address Ship-to Code

TSI Logistics 002TSI
1001 E. Pleasant Street
Springfield, Ohio 45505

TNT Logistics--Chatham, ON.

DUNS 204063515

Address Ship-to Code

TNT Logistics Navistar International 020TNT
650 Riverview Drive
Chatham, ON N7M 5L1

AFL--Farmers Branch, TX.

DUNS 007360639

Address Ship-to Code

AFL 062AFL
13920 Senlac Dr. Suite 100
Farmers Branch, Texas 75234

Rollins Export--Springfield, OH.

DUNS 526886337

Address Ship-to Code

Navistar, Export 025RPL
c/o Rollins 3PL
2255 Progress Drive
Springfield, OH 45505

Navistar, Export 025CCM
c/o Rollins CCM Operations
552 West State Street
Springfield, OH 45506

Wallaceburg Preferred Partners--Wallaceburg, ON., Canada

DUNS 204063515

Address Ship-to Code

Navistar Chatham Plant 020WPP
C/O Wallaceburg Preferred Partners
35 Garnet Street
Wallaceburg, Ontario, Canada N8A4L8

Service Parts Division

Atlanta Parts Distribution Center--Fairburn, GA.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 776-0776 776
Atlanta Parts Distribution Center
1300 Oakley Industrial Boulevard
Fairburn, Georgia 30213-2800

Baltimore Parts Distribution Center--Baltimore, MD.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 770-0770 770 Baltimore Parts Distribution Center
105 Steamboat Boulevard
Manchester, PA 17345

Burlington Ontario Parts Distribution Center--Ontario, Canada

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar Canada 970-0970 970
Burlington Ontario Parts Distribution Center
901 Guelph Line
Burlington, Ontario Canada L7R3N8

Navistar
Burlington Ontario Parts Distribution Center
901 Guelph Line
Burlington, Ontario Canada L7R3N8

CAMIONES Y MOTORES INTERNACIONAL Parts Distribution Center--Queretaro, Mexico

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

CAMIONES Y MOTORES INTERNACIONAL 807-0807 807
KM 28.5 CARRETERA QUERETARO - SAN LUIS POTOSI
PARQUE INDUSTRIAL QUERETARO
CALLE SAN PEDRITO S/N
QUERETARO, 76220

Canadian Central Core Services--Ontario, Canada

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar Canada 970-9984 983
c/o Canadian Central Core Services 970-9985 983
121 Roy Boulevard #1
Brantford, Ontario, Canada N3T6H2

Dallas Parts Distribution Center--Dallas, TX.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 777-0777 777
Dallas Parts Distribution Center
4038 Rock Quarry Road Suite 400
Dallas, Texas 75211-1510

Edmonton Alberta Parts Distribution Center--Alberta, Canada

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar Canada 970-0981 981
Edmonton Alberta Parts Distribution Center
11771 167th Street
Edmonton, Alberta Canada T5M3Y2

Hollingsworth Logistics--Dearborn, MI.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 747-0747 747
c/o Hollingsworth Logistics
14227 W. Warren Avenue
Dearborn, Michigan 48126

Leyden Retarded Center for Adults--River Grove, IL.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 780-4812 711
c/o Leyden Retarded Center for Adults
8607 Arnold Street
River Grove, Illinois 60171

Pierce Distribution--Beloit, WI.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 780-0780 780
% Pierce Distribution Services
601 Third Street
Beloit, Wisconsin 53511

Pierce Distribution--Belvidere, IL.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 715-0715 715
% Pierce Distribution Services
795 Landmark Drive
Belvidere, IL 61008

Pierce Packaging--Bolingbrook, IL.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 780-4809 713
c/o Pierce Packaging
400 Crossroads Parkway, Suite A
Bolingbrook, Illinois 60440

RAP--Pierce Packaging--Bolingbrook, IL.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar RAP 780-4813 713
c/o Pierce Packaging
400 Crossroads Parkway, Suite A
Bolingbrook, Illinois 60440

Richmond Parts Distribution Center--Richmond, CA.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 772-0772 772
Richmond Parts Distribution Center

830 Marina Way South Box 4041
Richmond, California 94804

West Chicago Parts Distribution Center--West Chicago, IL.

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Navistar 781-0781 781
West Chicago Parts Distribution Center
1717 West Harvester Road
West Chicago, Illinois 60185

Ship to Latest Shipping Release

DUNS 122092406

Address Ship-to Code Invoicing 810 Ship-to Code

Ship-to-locations indicated on latest shipping release 780-4819 N / A

Miscellaneous Information

The customer order number, delivery order number, and attachment code are received on the 850/860 transaction set and print on the Purchase Order Edit List, the shipper, and the invoice.

Special Print Requirements--866s

Multiple line items for the same part are combined on shippers and export documents. Individual Vehicle Identification Numbers (VINs) are listed following the line item.

Shipper Number

The shipper number (bill of lading number) must be the same for the shipper, ASN and invoice. Therefore, leading zeros are suppressed from the shipper number.

Processing 866s

Navistar transmits three types of 866s:

Production Sequence - R2617 (processed)

Slotted Order - R2617S (job information is processed as 830s; configuration information is printed only)

Process Information - R2617P (not processed; printed only)

The "Expanded 866" is used by suppliers that have multiple features that make one complete unit, so that they can see configured requirements beyond line set for planning purposes.

ALL 866s are transmitted to the supplier in a nightly batch. The requirements must be retrieved within one business day. Functional Acknowledgements (997s) are retrieved by Navistar based on the Central time zone:

From To

Monday - Friday 00:00 23:00 (Central time)
Saturday 00:00 17:30 (Central time)
Sunday 22:00 00:00 (Central time)

Production Sequence

Identified with "R2617" in the BSS*02 segment. The production sequence contains production 866 data and is processed into the Load File. The production sequence is used to identify component requirements used in the actual production build sequence. "Production Linking" requirements are multiple part numbers linked to specific assembly lines, sequence numbers, and job numbers. "Production Linking" requirements are included in the production sequence 866.

Processing 866s--Slotted Orders

Identified with "R2617S" in the BSS*02 segment. The slotted order contains configuration and job information. Configuration information consists of part numbers and the quantity associated with each configuration number. Job information consists of job numbers and horizon dates for the associated job and configuration number.

Job information from the slotted order is processed as 830 planning requirements. The configuration information is not processed, it is printed on the Slotted Order Edit List.

The slotted order is used to identify component requirements for all orders at Navistar for the next six months in weekly and monthly groupings. The jobs and related data that are displayed on the production sequence 866 are excluded from the slotted order. The production sequence and slotted orders are combined to provide visibility for a maximum of six months of planning horizon.

The "refer back" concept is used to reduce the repetitive volume of configured modules. The "refer back" concept identifies the individual part numbers used in a specific configuration. Separate planning requirements reference the configuration instead of the individual part numbers. The example on the following page reviews the "refer back" concept.

An incomplete configuration may be sent when a job has been only partially engineered. The full configuration is sent when the job is fully engineered.

"Refer Back" Concept Example:

Four ABR part numbers, job, and date (processed as 830s from the slotted order) are displayed for the beginning of the week or month that the material is required:

Job	Date	ABR Part #1	ABR Part #2	ABR Part #3	ABR Part #4
123	6 /20 /xx	1R1	2R1	3R1	4R1
345	7 /12 /xx	1R1	2R1	3R1	4R1
346	8 /7/xx	1R1	2R1	3R1	4R1
487	8 /8 /xx	1R2	2R2	3R2	4R2
490	8 /9 /xx	1R1	2R1	3R1	4R1
552	8 /23 /xx	1R1	2R1	3R1	4R1
601	8 /29 /xx	1R2	2R2	3R2	4R2
612	9 /12 /xx	1R1	2R1	3R1	4R1
780	10 /20 /xx	1R2	2R1	3R2	4R1

815 11 /02 /xx 1R1	2R1	3R1	4R1	
933 11 /28 /xx 1R1	2R1	3R1	-	

The "jobs" are compared. Each unique configuration is assigned a sequential configuration number:

Configuration Number	ABR Part #1	ABR Part #2	ABR Part #3	ABR Part #4	Job Numbers with same configuration
1	1R1	2R1	3R1	4R1	123, 345, 346, 490, 552, 612, 815
2	1R2	2R2	3R2	4R2	487, 601
3	1R2	2R1	3R2	4R1	780
4	1R1	2R1	3R1	-	933

Grayed weeks below represent line set weeks that are sent on the production sequence (processed into the load file) and are not included on the slotted order. Remaining weeks are printed (configuration information is not processed) and used for planning.

Time Slot	Quantity of Configuration 1	Quantity of Configuration 2	Quantity of Configuration 3	Quantity of Configuration 4
5/28/xx - 6/3/xx				
6/4/xx - 6/10/xx				
6/11/xx - 6/17/xx				
6/18/xx - 6/24/xx	1			
6/25/xx - 7/1/xx				
7/2/xx - 7/8/xx				
7/9/xx - 7/15/xx	1			
7/16/xx - 7/22/xx				
7/23/xx - 7/29/xx				
7/30/xx - 8/5/xx				
8/6/xx - 8/12/xx	2	1		
8/13/xx - 8/19/xx				

8/20/xx - 8/31/xx	1			1		
9/1/xx - 9/30/xx	1					
10/1/xx - 10/31/xx					1	
11/1/xx - 11/30/xx	1					1

Process Information

Identified with "R2617P" in the BSS*02 segment. The process information contains job and part information required to complete the assembly of the module. The process information 866 is not processed, it is printed on the Process Information Edit List.

The process information 866 is used to

- Identify unique process information related to a specific job.

- Retrieve the assembly drawing numbers and settings associated with each job number for suppliers that perform sub-assembly.

Process Information is defined as job- and part-specific information required to complete an assembly.

Example: The wheel base length is needed to determine the length of wiring required for the brake harness.

The process information 866 coincides with the production sequence; hence, all jobs on the process information 866 are on the production sequence 866. The slotted order 866 may not contain all the requirements that the production sequence contains, because some requirements may not require process information.

Application Advice--824

The Application Advice reports error of content in the file received from Navistar.

Navistar sends the Application Advice (824) only when an error occurs, unless the supplier requests an 824 for all transmissions.

The ASN must be received by Navistar prior to the start of the receiving process, which coincides with the arrival of the material at the assembly plant. An 824 error code "U" indicates that the ASN arrived after the receiving process started. This ASN cannot be used and is dropped by Navistar.

Bar Coding

Scanning Method--Non-Service

Choose one of the following scanning methods for Navistar:

A. Scan only the master label but not the associated singles.

Scan all singles not associated with a master.

Scan all singles associated with a mixed label but do not scan the mixed label.

B. Scan all singles.

Do not scan master labels.

Do not scan mixed labels.

Scanning Order

1. If the shipment contains loose containers, those containers must be scanned before scanning any mixed or master labels.
2. Next scan the first master or mixed label.
3. Then scan all container labels associated with that master or mixed label.

Do not scan all the master or mixed labels at one time.

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

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

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

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

Wrap Data?   YES - 80

Start New Record on New Interchange?   YES

Implementation

Identification Code File

The Identification Code File is used when taking the options to "Split" and "Breakdown" a file received from Navistar and when transmitting ASNs. The Identification Code File is used differently by different manufacturers. Set up for Navistar as follows:

```
Company Number - xx
OEM Code - V
Plant ID - Supplier Code

OEM ID - Navistar DUNS Number(781495650)
Corporate ID - Your DUNS Number
Remit to Duns Number - The 7-digit, buyer-assigned Pay Point Supplier Code*.
I.E. 30575AX: The first five digits of supplier ID (Plant ID) + "AX"

VAT Code - Tax ID
Transmission Mode - P
Smart Labels - Y or N
Pallet Staging - Y or N
Bar Code File Transfer - N
Variable Unwrap Print - Y or N
Automatic print of 997 - N
AutoMap - N
```

Errors that occur during the "Split" that indicate a code is missing from the Identification Code File are referring to the OEM ID field.

Errors that occur during the "Breakdown" that indicate a code is missing from the Identification Code File are referring to the Plant ID field.

* Retrieved during the 810 "create" and transmitted in the N1*RI segment. N**1*R1**92*30575AX.**

997 Record

(Trading Partnership Record Required)

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

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

Press Enter to display remaining fields:

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

Trading Partnership File

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

Press F14 (Trading Partnership file) after entering the appropriate data in the Identification Code File.

Steps to create default values:

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

2. Enter optional abbreviations or leave blank if all customers and destinations for this company, OEM, and supplier code are the same.

3. Press Enter.

4. Enter the code representing the data format ("A" for ISA).

5. Press Enter. The ISA detail screen displays.

6. Press F7 (Infor defaults):

Three ISA records are created (856 / 870, 810, and service 856).

Four GS records are created (the 856 / 870 ISA creates a GS for the production 856 and the 870, 810, and service 856).

Note: The production 856 and the service 856 Trading Partnership files must be different. Either the production 856 or the service 856 must contain valid Destination Abbreviations; the other 856 division Destination Abbreviations must be blank.

In our examples, the production 856 record is created with blank Destination Abbreviations. Multiple records are created for the service 856 using valid Destination Abbreviations.

856/870 Record

Infor recommends that you leave the Customer and Destination Abbreviations blank for the production 856 record. No modifications are needed to the ISA record. Modifications are needed to the GS detail screen.

810 Record

This record will be copied to create individual records for each destination. Modifications are needed to the ISA and GS detail records.

856 Service Record

Infor recommends that you use Destination Abbreviations for the 856 service records. This first record is a template and is copied to create a unique record for each destination. No modifications are needed to the ISA and GS records. A communication record is not created for the service 856. The production 856 communication record is used.

Note: Steps 7-14 must be repeated for each transaction set and destination combination.

1. The 810 template record must be copied and modified for each Navistar destination. Enter "3" next to the 810 template record to copy.

2. Press Enter.

3. Enter the Customer (optional) and Destination (required) Abbreviations and press Enter.

4. Select the copied record with "1" and press Enter. The ISA detail screen displays.

810 ISA Detail Screen

```
                    Maintain Trading Partnership File

    Company Number.......... 13              (A) ISA/ (C) ICS/ (E) Edifact: A
    OEM Code................ V
    Supplier ID............. 123456
    Customer Abbrv(O).......
    Destination Abbrv(O).... MELROS


    User Define Description: NAME OF NAVISTAR DESTINATION AND 810 RECORD


                     Qualifier/Information
    Authorization: 00            Active (Y)/(N): Y
    Security:      00
    Sender:       01 123456789
    Receiver:     01 781495650
                                          Hexadecimal Code
    Control Standards ID: U              Sub Element Separator:  7A
    Version Identifier:   00300          Data Element Separator: 5A
                                         Segment Terminator:     1C
    Computer Generated ISA Control Number: _


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

Required Changes for the 810 Record:

User Defined Description - Enter the name of the destination plant and that it is an 810 record.

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

2. Select the GS record with "1" and press Enter to display the GS detail screen. Default data can be viewed or maintained.

3. GS Detail Screen
   Required Changes for the 810 Record:

```
                    Maintain Functional Identifier

     Company Number.......... 13
     OEM Code................ V
     Supplier ID............. 12345
     Customer Abbrv(O).......
     Destination Abbrv(O)....
     Transaction Type........ 810

     Functional Identifier:    IN
     Application Sender:       12345
     Application Receiver:     247267594
     Responsible Agency Code:  X
     Version/Release/Industry: 004010
     (T)est/(P)roduction:      P
     Group Control Number:          1
     Acknowledge Requested:    N

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

Application Receiver - Enter your mailbox ID for Navistar.

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

1. Press Enter.

2. Press F12 twice to return to the ISA detail screen.

3. Repeat steps 7-14 for each 810 destination.

4. When all destinations have been entered, delete the 810 template record.

Note: The production 856 and the service 856 must be different. One of the 856s must use the Destination Abbreviation and one must leave the Destination Abbreviation blank. In our example, the 856 production is blank and the 856 service records use Destination Abbreviations.

1. Select the 856 / 870 record with "1" and press Enter. The ISA detail screen displays.

2. Press F10 (GS Level). The GS list screen displays, listing two records: the 856 and the 870.

3. Select the 856 record with "1" and press Enter.

GS Detail Screen

```
                    Maintain Functional Identifier

    Company Number.......... 13          OEM Code................ V
    Supplier ID............. 123456         Customer Abbrv(O).......
    Destination Abbrv(O)....
    Transaction Type........ 810
                                           Non Repeating
    Transaction
    Functional Identifier:    IN         Control Number: _
    Application Sender:       123456
    Application Receiver:     00507047919  ST Control#: _____
    Responsible Agency Code:  X
    Version/Release/Industry: 004010
    (T)est/(P)roduction:      P
    Acknowledge Requested:    N

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

    F12=Return
```

1. Required Changes for the 856/870 Record:

2. Application Sender - Enter your DUNS Number.

3. Processing Option - The default is blank--an unwrapped file will not be displayed to view before the transmission. Enter "P" to display an unwrapped file to be viewed before the transmission. (Optional).

4. Press Enter to return to the GS list screen, or select the 870 record with "1" and press enter.

5. Modify the Application Sender and Processing Option fields as required.

6. Press Enter to return to the GS list screen.

7. Press F12 twice to return to the ISA list screen.

8. The service 856 template record must be copied and modified for each Navistar destination. Enter "3" next to the service 856 template record to copy.

9. Press Enter.

10. Enter the Customer (optional) and Destination (required) Abbreviations and press Enter.

11. Select the copied record with "1" and press Enter. The ISA detail screen displays.

Service 856 ISA Detail Screen

```
                  Maintain Trading Partnership File

Company Number.......... 13            (A)ISA/(C)ICS/(E)Edifact: A
OEM Code................ V
Supplier ID............. 123456
Customer Abbrv(O).......
Destination Abbrv(O).... MELROS
      User Defined Description: NAME OF NAVISTAR DESTINATION AND 856 RECORD

                Qualifier/Information
      Authorization: 00                      Active (Y)/(N): Y
      Security:      00
      Sender:        01 123456789
      Receiver:      01 781495650

                                         Hexadecimal Code
      Control Standards ID: U        Sub Element Separator:  7A
      Version Identifier:   00200       Data Element Separator: 5A
                                      Segment Terminator:     1C
      Computer Generated ISA Control Number:

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

Required Changes for the 856 Record:

- User Defined Description - Enter the name of the destination plant and that it is an 856 service record.

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

- Select the 856 record with "1" to display the GS detail screen and press Enter.

GS Detail Screen

```
                  Maintain Functional Identifier

      Company Number.......... 13        OEM Code................ V
      Supplier ID............. 123456       Customer Abbrv(O).......
      Destination Abbrv(O)....
      Transaction Type........ 810

                                       Non Repeating Transaction
      Functional Identifier: IN        Control Number: _
      Application Sender: 123456
      Application Receiver: 00507047919        ST Control#: _____
      Responsible Agency Code: X
      Version/Release/Industry: 004010
      (T)est/(P)roduction: P
      Acknowledge Requested: N

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

      F12=Return
```

1. Required Changes for the 856 Record:
2. Application Receiver - Enter your mailbox ID for Navistar.

3. Processing Option - The default is blank--an unwrapped file will not be displayed to view before the transmission. Enter "P" to display an unwrapped file to be viewed before the transmission. (Optional).

4. Press Enter to return to the GS list screen.

5. Press F12 twice to return to the ISA list screen.

6. Repeat steps 24-31 for each 856 service destination.

7. When all destinations have been entered, delete the service 856 template record.

If you are communicating via GEIS, no changes are needed. Set up is complete.

If you are communicating via Advantis, follow the steps below.

1. Select the 856 / 870 record with "1" and press Enter.

2. Press F8 (OEM Communications) and enter "4" to delete the default record for the GEIS network.

3. Press enter. The confirmation screen displays.

4. Press F6 (Add) to create the Advantis communication record.

5. Enter the following values on this record:

Transaction Type - Leave blank

Communication Code - Enter "I."

1. Press Enter and provide values for the following required fields:

OEM Account ID

OEM User ID

Message Class

1. Press Enter.

2. Press F12 twice to return to the ISA list screen.

Set up is complete.

Machine Readable - Destination File

Destination Abbreviation Screen

```
              DESTINATION ABBREVIATION RECORD

    Company Number .............. 46
    OEM Code .................... V
    Identification Number ....... 062
    Dock Location ...............  _____

    Destination Abbreviation .... NAVD32
    Destination Description .....  _____
    P O Destination ............. 000000000
    ERS Destination .............  _    (Y/N)
    OEM Consideration ...........  _    (Y/N)
    Electronic Invoices ......... N    (Y/N)
    Line Set .................... N    (Y/N)
    Clear by Destination ........ Y    (Y/N)
    Type of FBO.................       (M/S)
    Chrysler PAB/Non-PAB Combine.      (Y/N)
    Send Prev CUM on ASN/DESADV . N    (Y/N)
    Exclude from APNAT calc ..... N    (Y/N)


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

Navistar sends non-destination planning.

1. Create a Machine Readable - variable length - destination record using 99999999999999999 as the Identification Number and assign an abbreviation.

2. Create a Requirement Master for this Destination Abbreviation for every part that will receive planning.

3. Enter "Y" in the Clear by Destination field for all appropriate destinations for 830s and all destinations for ABR parts.

4. Navistar sends a purpose code of "05" to indicate a complete replacement file. They do not, however, send a zero requirement or any other type of cancellation when a formerly required part is no longer required or when the configuration of an end part is changed and a formerly required configuration is no longer required. In these cases, mark the Clear by Destination flag to remove planning requirements for parts that are no longer needed and requirements for end parts and feature parts that are no longer required.

Parts and Service

The Identification Number field must contain "122092406" for all parts and service destinations.

Engine

Suppliers must ship in standard packaging quantities only. The CLD segment on the ASN requires full packaging quantities.

Part Cross Reference File

If you receive 866s or Dealer Direct Orders you cannot use the PXCO#V keyword. Navistar Suppliers using Company by Parts Cross Reference When moving an existing part to a new company:
Navistar Service Business process is very unique. Several programs and fields are used to

accommodate these business processes. If you choose to use the Company by Parts Cross Reference, it is very important when moving a part to a new company that Machine Readable Customer, Machine Readable Destination and Destination Master Files have the same settings as the previous company. Make sure this is used to trigger the special processing. When copying the Requirement Masters to the new company be sure to answer 'Y' to the following:

        Duplicate Requirements...... Y (Y/N)

        Duplicate Shipping History.. Y (Y/N)

        Duplicate Cums.............. Y (Y/N)

It is important to copy these files especially for the service 850/860 replacement logic. Without the information stored in these records from previous releases, the replacement logic will not execute properly. Standard Retrieve Company by Parts Cross Reference

        CO = **
        Application Name = *ALL
        Keyword = PXCO#V
        Length = 1
        Dec= blank
        Infor Data = "Y"

        OR

        Enhanced Retrieve Company by Parts Cross Reference

        CO = **
        Application Name = *ALL
        Keyword = PXCO#V
        Length = 8
        Dec= blank
        Infor Data = "ENHANCED"

Description of what new Application Control record does:

The PXCO# lets you retrieve the company based on the value set up in the Requirement Master instead of using the Supplier ID assigned to you by Navistar.   This keyword has to be set up for all companies '**', you cannot set this keyword up for only one company.

Commodity Code File

If your parts contain Hazardous material, make sure the Hazardous Material Description is filled for the associated commodity code record. The first four positions of this description are passed to the ASN and used to determine value sent in the TD4 segment which is required for all GLOBAL EXPORT ASNs but will be sent on all Service ASNs.

Model Year

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

CUM Required Prior

Navistar does not send CUM required prior; however, when Navistar sends a purpose code of "04" or "05," the CUM shipped becomes the CUM required. In all other instances, there is no CUM required received from Navistar, and it must be entered before production begins so the system can include ahead or behind figures in the package quantity. Enter the CUM required prior by using the option Enter Manual Requirements. CUM required prior is entered by either using F5 from the entry screen or by entering it directly on the header screen.

Requirement Master

MRP Flags

For Service Parts, mark the MRP Flags for 850.

```
866   862 830 850
 __   __   __  _X_
```

When MRP requirements are created, 850s are processed as 862s if no corresponding 862 has been received for the 850. If an 862 has been received for the 850, the 862 is processed. Note that in this case the 862 MRP flag does not have to be marked.

OEM Division - INTRANS

Some Navistar/supplier combinations have a longer lead time, for these requirements the suppliers have a large ahead value. When the cum receive from the EDI file is processed the current requirements are no longer visible and is causing the supplier to miss shipments. In order to prevent this from happening the OEM Division of INTRANS has been added to Navistar. The OEM Division "INTRANS" was implemented to allow the supplier to identify these parts at a Requirement Master level. If INTRANS is in the OEM Division, the cum sent by Navistar is not processed into the Requirement Master.

Report Flags

For Service Parts, mark the 850 Report Flag and the Process POs as a 'Y.'

```
866 862 830 850
 __  __  __   X
```

For Engines, suppliers must ship in standard packaging quantities only. The CLD segment on the ASU requires full package quantities.

Clear Flags

Navistar Production sends full files. Mark transaction sets received in all Requirement Masters with destinations.

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

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

Navistar Non-Production: Mark 830 clear flags in non-destination Requirement Masters. Non-destination Requirement Masters use the abbreviation entered in the Machine Readable Destination File for identification number "99999999999999999."

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

Purpose Codes

04 is used only by the Truck Division and Engine & Service to change a specific part on a release. The 04 record includes only changes. The 830 clear flag must not be marked.

05 Used to replace the entire release. The 830 clear flag must be marked. (When a part is cancelled, it is sent in the next week's release with all zeros.)

Note: When Navistar sends a purpose code of "05," the CUM shipped becomes the CUM required. In all other instances, there is no CUM required received from Navistar, and it must be entered before production begins.

Destination File

```
                    MAINTAIN DESTINATION MASTER FILE

        Company Number ............. 13
        Destination Number ........ 100
        Name 1 ..... _____    FOB ................
        _____
        Name 2 ..... _____    Distributor Code ..
        _____
        Address 1 .. _____    Ford Dest Code ......... _____
        Address 2 .. _____    ASN/DESADV (B/C/N/O/V/Y)
        Address 3 .. _____    GM Msg/Temp Msg Code ... ___ / ___
        City/State . _____ __     GM Standard Loc ........ _____
        Zip Code ... _____             Carrier Preference ..... ___
        Country .... _____             Route Code ............. __
                                           Honda Destination ...... ___
        Arrival/Ship Dates (A/S) ..... _      Supplier Type (P/S) .... S
        Delivery Travel Time (Hrs/Min) __ __  ASN Unit of Measure .... _
        Delivery Travel Time (Days) .. ___    JIT Location (Y/N) ..... _
                                           Bar Code Verif (Y/N).... _
        Available Ship Days (X = Select)      Print Invoices (Y/N) ... _
        S _ M _ T _ W _ H _ F _ S _          Create Invoices (Y/N) .. _
                                           Payment Type: Coll _ PP _ PPI _
                                           Invoice Unit of Measure. __
```

Ford Dest Code - The Ford destination code (PDC ship-to code) is used in conjunction with the Supplier Type field to determine the PDC (Parts Distribution Centers). If this is a PDC, enter the PDC destination code and mark the Supplier Type field with "S." This places the value in the Ford Dest Code field in the N1*ST*04 segment in the 810 file. I.E. **N1*ST**92*770**.

Valid PDC and Packager ship-to codes include:

EDI-810 Invoice Ship-to-code	Purchase Order Ship-to-code	Ship-to Name and Address
711	07804812	Leyden's RCA (Packager), River Grove, IL
714	07140807	Express Packaging, West Chicago, IL (Mexico via Express)
714	07140714	Express Packaging, West Chicago, IL
718	07180718	New Breed, Shepherdsville, KY
719	07190719	New Breed, Springfield, OH
721	07210807	Newstream Enterprises, Joliet,IL (Mexico via Newstream)
721	07210721	Newstream Enterprises, Joliet, IL
748	07480748	Hollingsworth (Packager)
770	07700770	York PDC, Manchester, PA
775	07750775	Las Vegas PDC, Las Vegas, NV
776	07760776	Atlanta PDC, Fairburn, GA
777	07770777	Dallas PDC, Dallas, TX
779	07790779	Portland PDC, Fairview, OR
781	07810781	Midwest PDC, Joliet, IL
749	07490749	National PDC, Joliet, IL
970	09700970	Eastern Canada PDC, Hannon, Ontario, Canada
981	09810981	Edmonton Alberta PDC, Acehson, Alberta, Canada
983	09709984	Canadian Central Core, Brantford, Ontario, Canada

ASN / DESADV - The ASN type must be "C" for variable length ASN with bar code verification for service locations.

The ASN type must be "V" for variable length ASN without bar code for non-service locations.

Supplier Type - Service--If the supplier type is "S" for service:

Multiple PO Numbers and multiple release dates for a single part can be processed.

An ITEC Pallet Manifest Report is printed for the destination.

An "S" displays in the ASN Maintenance in the Service Flag field. The ASN segments are created as required by the service specifications, as follows:

Place PO Date in the PRF segment.

Prevent the REF*PK, REF*SI, MEA*PD*N segments.

Prevent the tare level serial number from item level.

Create tare level (HL***T segment, REF*LS segment) for master and mixed bar code serial numbers.

Change the CTT01 to reflect the total number of HL segments with the transaction set.

PDC (Parts Distribution Centers)-Enter "S" if this is a PDC center. The Supplier Type field works in conjunction with the Ford Dest Code field to determine the PDC. If the PDC ship-to code is entered in the

Ford Dest Code field, the Supplier Type field is marked with "S" (service), and the value in the Ford Dest Code field is placed in the N1*ST*04 segment in the 810 file.

Special Processing

To access the special processing window, press F20.

If the RANNO field contains an A, B, P, S, X, or Z, the RANNO field is used to check shipping history so that shipments with the same job number are not processed. The RANNO field also creates the Pull & Reset Exception List.

Special processing also occurs when processing requirements with multiple Purchase Order Numbers and/or multiple release dates for a single part.

PDC (Parts Distribution Center) requirements are received on an 850. They are transmitted only one time. The Load Past Due Req't's from the Req't Hist field must be marked with "Y." If requirements are shipped after their due date, the Purchase Order Number will not be transmitted, and Navistar requires the Purchase Order to authorize payment.

```
JTDMAINT4            Special Processing Information
Load Past Due Req'ts from
History? (Y/N/B/M) ......  Y      Chrysler Special Processing for
                                  'B D' or 'B W' Reqs (B/L/S)....
Type of Processing (C/N).  N      Remove Chry EDI 'B D' or 'B W'
                                  Reqts. prior to today (Y/N) .....
Ignore STD PAK for
Load/MRP Build? (Y/N) ..          Omit 830 planning req'ts in
                                  Shipping (Y/N) ..................
Competitor Part (C) or
FBO Flag (B/F/J/E) ......         Pricing Based On Order Quantity
                                  Or Ship Quantity? (O/S) .........
Special Partial Week
for current week (Y/N) ..         Override in Manual Req'ts Entry:
                                  Release Number and Date? (Y/N) ..
No Container Calculation          P.O. Number? (Y/N) ..............
for Part On Shipper (Y/N)         Eng. Revision Level? (Y/N) ......

Partial Week With Sunday          Secondary OEM Code ..............
Dates (Y/N) .............         SPAB BOM Flag  ..................
                                  OEM Specific Process (B,Q,Z).....
F1=Help   F12=Return
```

For Navistar Service:

Enter "N" for "Net" in the Type of Processing field.

For Parts Distribution Center (PDC):

Enter "Y" in the Load Past Due Req'ts from History field.

For Service Parts Direct Ship:

Enter "Y" in the Load Past Due Req'ts from History field.

OEM Specific Process (Special Processing – F20)

The Navistar production 830 or 862 will include a cum received only if there have been receipts for the part. If not, no cum segments are sent. Enter a 'Z' so a zero cum received will process into cum required in the Requirement Master.

Production Sequence 866s

When clearing 866s, all 866s are cleared, not just those matching the key. Navistar's 866 file is a replacement file. The clear flag must be marked.

There may be a need to process an 866 file multiple times (such as when the automatic process contains errors). In such cases, take the "Breakdown" option again before printing and processing the same 866 file a second time.

As the error-free records were processed the first time, they were deleted from the work file. Therefore, if printed and processed a second time, current data is to be replaced and the previously processed records would be deleted.

Navistar 866 requirements are not processed into the Requirement or Load Files if the RAN associated with the requirement is found in shipping history.

If Line Feed, Line Set, and job number (VIN) are processed into the RAN field, when line set ends in A, B, P, S, X, or Z, it means that "pull and reset" requirements shipping history is checked, and if this requirement has been shipped, it is dropped and listed on the Requirement Removed/Not Processed Report during the "Process."

If Line Feed, Line Set, and Job Number (VIN) are not found in the RAN field in shipping history, the program checks for job number only, and, if this requirement has been shipped, it is dropped and listed on the Requirement Removed/Not Processed Report during the "Process."

Labor Code (received in the 866 LIN*LA segment) is processed in the Engineering Revision Level field. Shipping history is checked for duplicate labor codes during the "Breakdown." Duplicates are not processed and are listed on the Requirements Removed Report.

Pull and Reset Report

The Line Set number is embedded into the RAN. The Line Set may be up to six characters and represents the position of the vehicle in the assembly line. When a line position change is to occur, pull (pulled forward) or reset (pushed back), an alpha character is appended to the end of the Line Set number.

Because the Line Set is included in the RAN and RAN is part of the key to shipping history, the appended character must be removed before checking shipping history for duplicates.

The Navistar Pull and Reset report lists requirements that contain the ALPHA Character (A, B, C, P, S, X, or Z) in the LINE SET portion of the RAN, indicating those requirements that are to be pulled or reset.

Check Against Shipping History

To ensure that the Engineering Revision field is used when checking against ship history, add the application control keyword "LGxxxxxx" as described below, where "xxxxxx" represents the Destination Abbreviation. If the keyword is set to "Y," the Engineering Revision field is used. If the keyword is set to "N," the field is not used.

Application Name: *ALL
Keyword: LGNAVDST
Length: 1
Decimal: 0
Infor Data: Y

Taxes

Navistar accepts only four tax types when a tax is required for specific parts, miscellaneous charges, or for an entire invoice. The tax rate and description must be entered in the Tax Rate File. Tax codes print on the shipper. Calculated taxes print on the invoice and are returned in the 810 file. The tax must be entered in the Miscellaneous Charge/Tax File and may be retained to print every time the selection criteria are met.

The tax code, tax description, and tax rate are user-defined. The x12 qualifier must be entered as shown below.

TAX CODE TAX DESCRIPTION X12 QUALIFIER

GS Goods & Service Tax GS

HST Harmonic Sales Tax ZZ

QST Quebec Sales Tax LS

EV Environmental Tax EV

Attribute-Based Release (ABR)

Overview

Attribute-based processing (also known as feature-based processing or ABR) provides a method for OEMs and suppliers to forecast, manufacture, ship, receive, and invoice without the assignment of a top-level part number. ABR manages the product life-cycle from a feature level instead of a top-level part number.

Navistar does not define ABR commodities by top-level part numbers. Instead, commodities are grouped together as a configuration specific to a job number. Navistar sends a module reference number (MRN) in the 866 data. Along with the MRN, all requirements in terms of the features/attributes are sent. Attribute parts cannot stand alone as purchased finished commodities. The MRN is a system-generated number, unique to the grouping of attributes that form a configuration specific to a job number. The same MRN is assigned to multiple jobs with identical configurations.

Requirement File

All feature and end parts must be entered in the Requirement Master File. The Customer Part Number for the end part must be the MRN.

```
                    REQUIREMENT MASTER ENTRY                           CHANGE

   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 ..  _____
```

Only feature parts require a price code. Feature parts are invoiced--end parts are not.

Application Control File

Optional. This record ensures that the Engineering Revision field is used when checking against ship history. A value of "Y" is required in position one of the Infor Data field. "******" represents the Destination Abbreviation.

Application Name
*ALL Keyword   LG******
Length   1
Decimal   0
Infor Data   Y

OEM Division

The OEM division keyword of "SUMPARTS" has been created for Navistar Requirement Masters. When "SUMPARTS' is in the OEM Division, if a shipper has multiple line items of the same part/Purchase Order combination, those line items will be combined into one line item on the 856.This keyword should be used for Production Parts Requirement Masters only.

Special Processing Window

```
JTDMAINT4            Special Processing Information


Load Past Due Req'ts from
History? (Y/N/B/M) ......  Y     Chrysler Special Processing for
                                 'B D' or 'B W' Reqs (B/L/S)....
Type of Processing (C/N).        Remove Chry EDI 'B D' or 'B W'
                                 Reqts. prior to today (Y/N) .....
Ignore STD PAK for
Load/MRP Build? (Y/N) ..         Omit 830 planning req'ts in
                                 Shipping (Y/N) ..................
Competitor Part (C) or
FBO Flag (B/F/J/E) ......        Pricing Based On Order Quantity
                                 Or Ship Quantity? (O/S) .........
Special Partial Week
for current week (Y/N) ..        Override in Manual Req'ts Entry:
                                 Release Number and Date? (Y/N) ..
No Container Calculation         P.O. Number? (Y/N) ..............
for Part On Shipper (Y/N)        Eng. Revision Level? (Y/N) ......


Partial Week With Sunday         Secondary OEM Code ..............
Dates (Y/N) .............        SPAB BOM Flag  ..................
                                 OEM Specific Process (B,Q,Z).....
F1=Help   F12=Return
```

Mark the FBO flag with "F" for "feature" or "E" for "end" if this Requirement Master represents a component or end part requiring attribute-based release processing.

If all feature and end parts are entered in the Requirement Master, the Bill of Material File is populated during the Print when a configuration for an end part is received for the first time.

Bill of Material File (Parts)

The Bill of Material file can be accessed through the File Maintenance Menu option on the AutoRelease main menu.

```
          File Maintenance Selection

    _  Customer
    _  Destination
    _  Price
    _  Part Cross Reference
    _  Commodity Code
    _  Container File
    1  Part Bill of Mat'l File

        F12=Return
```
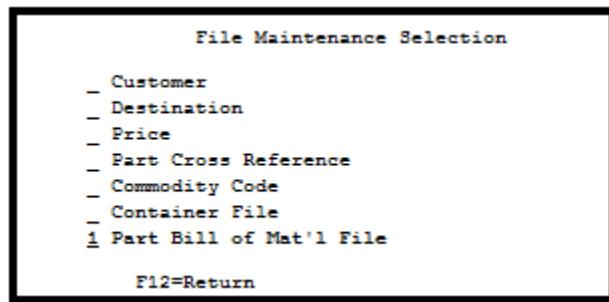
Select the Part Bill of Material File.

```
        MAINTAIN BILL OF MATERIAL MASTER FILE


Company Number .............. 12
Internal Part Number ....... FBR END ITEM 6
Customer Abbreviation....... FORD (O)
Destination Abbreviation ... FORD (O)
Component Part Number ...... _____
```

The configuration for an end part can be viewed and maintained.

```
          MAINTAIN BILL OF MATERIAL MASTER FILE


          Company Number .............. 12
          Internal Part Number ....... FBR END ITEM 6
          Customer Abbreviation....... FORD (O)
          Destination Abbreviation ... FORD (O)
          Component Part Number ...... xxxxxxxxxxxxxxx

     Customer Component Part Number ........ xxxxxxxxxxxxxxxxxxxx
     Quantity Per Part .................... _____


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

Component Part Number - Defaults from the Parts Cross Reference File.

Quantity Per Part - Enter the number needed of this component to assemble this end part. This quantity is needed for invoicing.

The Bill of Material File accessed from the File Maintenance Menu is used for components of containers. The Part Bill of Material File accessed from the Requirement Master Header screen is used for components of parts.

Price File

Only feature parts require a price record. Feature parts are invoiced; end parts are not.

The "Print"

The print option must be taken to process ABR requirements.

All incoming parts with the same job sequence number, job number, and line set represent an end part. Navistar associates an MRN with an end part. When an end part is received for the first time, the configuration is added to the Bill of Material File. On subsequent transmissions, the configuration sent in the EDI file is compared against the configuration in the Bill of Material File. If there is an exact match, the requirements are processed in. If there is not an exact match, an error report is generated.

A pseudo requirement is created for the end part with the MRN as the Customer Part Number.

The "Process"

Feature and end parts are processed into the Requirement and the Load Files. Only end parts display on the shipper parts selection screen, and only end parts are typically printed on the Load Sheet. However, there is a Load Sheet Selection field to print component parts, as well.

Requirement history records are created for feature and end parts.

Shipping--Detail Remarks and Miscellaneous Charges

Detail remarks and miscellaneous charges can be attached to the end item to print on the shipper. They are not passed to the invoice.

Detail remarks and miscellaneous charges entered through file maintenance can be attached to the feature parts. They are passed to the invoice but are not printed on the shipper.

Shipping--The Default Warehouse Location

When the warehouse location is used for the end part, the lot/location is used for the component parts as well.

Shipper Print

End parts print on shippers, pool bills, and export documents. If the keyword DTLFBOV is set up, the features are also listed on the shipper. Set up the keyword as follows:

Company: **
Application Name: *ALL
Keyword: DTLFBOV
Length: 1
Decimal: 0
Infor Data: Y
For more information on setting up keywords, see Chapter 11 of the AutoRelease Main Manual.

ASN Extract

Only end parts are added to the ASN file. If the keyword DTLFBOV is set up, the feature parts are also added to the ASN file. Only feature parts are added to the invoice file.

The following are updated for feature and end parts:

- Shipping history

- Lot/Location history

- Shipping CUMs

Navistar 866 requirements are reduced or removed for feature and end parts.

For Parts Operations, when corresponding 862 invoicing POs are shipped against, the 850 original PO requirements are reduced.

The CUM required prior is set to equal the CUM shipped.

Shift Exception

Navistar 866 requirements for feature and end parts are not shifted. When shipped against, the requirement quantity is reduced by the quantity shipped. If fully shipped, the requirement is removed during "Extract." The CUM required prior is set to equal the CUM shipped.

Invoicing

Only feature parts are invoiced. Therefore, only feature parts can be accessed from invoice maintenance and printed on the invoice. End parts are ignored by invoicing. Line items for the same part are combined, and the RANs and VINs are listed together on both the shipper and invoice.

Reports

The Gross Requirements Report requirement schedule and the load sheet have selection fields to print data for component parts.

Miscellaneous Charge / Tax File

Taxes must be assigned in the Miscellaneous Charge File after they have been entered in the Tax Rate File.

```
                              X Assign Taxes
     Calculate charge based on (X): _   Container Qty _   Part Qty _   Charge
     Qty

     Retain charge? (Y/N/E) Y

     Shipper/Invoice charge type (X): _ Beginning    _ End

     F1=Help   F12=Return
```

Mark the Assign Taxes field. The Retain Charge field must contain "Y." Select where the taxes are printed on the shipper (beginning or end) and press Enter.

```
     Unit of Measure ........ PC
     G/L Account # .......... _____
     AIAG Code .............. ____            Applicable Taxes
     Special Service Code ... _____      GS Goods & Service Tax
     G&S Tax Rate (2) ....... __             HST Harmonic Sales Tax
     G&S Tax Account # ...... _____  LS Quebec Sales Tax
     Credit Memo ............ N               EV Environmental Tax
     Credit Memo Number ..... _____
```

Enter the Unit of Measure ("EA" or "PC"). Enter the applicable taxes entered in the Tax Rate File. The Credit Memo field must be "N."

Unit of Measure Cross Reference

If the Unit of Measure is "EA" or "PC," a Unit of Measure Cross Reference File must be created to transmit "TE" in the Electronic Invoice file, as required by Navistar.

```
  _____            _____
 /   UNIT OF MEASURE X-REF   \          /   UNIT OF MEASURE X-REF   \
|        MAINTENANCE          |        |        MAINTENANCE          |
|                             |        |                             |
|  Company Number ........... 13  |    |  Company Number ........... 13  |
|                             |        |                             |
|  OEM Code ................. V   |    |  OEM Code ................. V   |
|  Destination Number ....... |        |  Destination Number ....... |
|  Unit of Measure .......... EA  |    |  Unit of Measure .......... PC  |
|                             |        |                             |
|  ASN Unit of Measure ...... __  |    |  ASN Unit of Measure ...... __  |
|  Invoice Unit of Measure .. TE  |    |  Invoice Unit of Measure .. TE  |
|                             |        |                             |
|  F1=Help F10=Delete F12=Return  |    |  F1=Help  F10=Delete  F12=Return |
 _____/          _____/
```

- Destination Number - Blank. "TE" is required for all Navistar destinations.

- ASN Unit of Measure - Blank. The Unit of Measure may be "EA" or "PC" in the ASN file.

- Invoice Unit of Measure - "TE" is required on the electronic invoice.

Pallet Manifest Report

The Pallet Manifest Report contains a breakdown of parts, Purchase Orders, and quantities per pallet and is required for all service part shipments. Pallet information is automatically pulled from shipping and bar code files when the report is printed. When using the Pallet Manifest Report, note the following:

Loose containers for parts must be scanned before master labels. Loose containers are those not loaded on a pallet.

The ship-to code must be entered as the identification number in the Machine Readable Destination File. For a list of ship-to codes, see the section "Plant Codes."

An "S" must be entered in the Supplier Type field in the Destination Master File for a Pallet Manifest Report to be printed.

Returnable Containers

Returnables as Separate Line Items

(Required by both Production and Service)

When an OEM requires a returnable container to print as a separate line item on the shipper and to be transmitted as a separate segment in the ASN file, the following entries are required in the Container File:

Enter "Y" in the Returnable Container field.

Enter "Y" in the Print Ctn on Separate Line field.

Note: If the returnable container consists of several components, each component from the Bill of Material file will be printed on the shipper if "Y" is marked in the Print Ctn on Separate Line field and "Y" is marked in the Print/Extract BOM field.

Ship Time

After the part is selected and F5 is pressed on the parts detail screen, the container screen displays for all containers marked as separate line items. If a container consists of several components, a screen will display for each component in the Bill of Material File.

Container Master - Service Parts Direct Ship

Container dimensions are required on all export shipments. Container dimensions are entered in the field Customer Container Number on the Maintain Container Master File screen as shown below.

```
                MAINTAIN CONTAINER MASTER FILE
          Company Number .............. 01
          Container Number ........... CC15
          Customer Abbreviation ...... NAVIS
          Destination Abbreviation ...

     Customer Container Number ............. EXP0151210
     Internal Container Description ........
     ASN/DESADV Cont Desc/Cont Desc ........ BOX25 / BOX
     Returnable Container (Y/N/X) ..........
     Print Ctn on Separate Line (Y/N) ...... Y
```

Customer Container Number - Enter "EXP" for expendable containers and "RET" for returnable containers, followed by the length, width, and height in the "LLLWWHH" format to represent an expendable container and its dimensions. For example, if an expendable container has the dimensions 15 x 12 x 10, enter the container number as "EXP0151210."

EXP - expendable
LLL - container length
WW - container width
HH - container height

The length, width, and height are transmitted in the tare level MEA segment in the ASN file.

Print Ctn on Separate Line - Enter "Y" to ensure the container dimensions are correctly attached to the ASN.

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............     0




F4=Prompt    F12=Cancel
```

- No. of 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.

- Auto Print (Y/N)? - Enter "Y" if using AutoReceive and Breakdown (scheduled through file maintenance from the Communications Menu), to perform an automatic Print after the Breakdown. Enter "N" if not using AutoReceive, or, if using AutoReceive and Breakdown, if the Print option is not to be run automatically after the Breakdown.

- Auto Process (Y/N) - Enter "Y" if using AutoReceive and Breakdown (scheduled through file maintenance from the Communications Menu), and if also using Auto Print, to perform an automatic Process after the Receive, Breakdown and Print.

- 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.

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.

VL0 Menu

```
                          MENU: VL0V
        ----------------------------------------------------
                           NAVISTAR
              VARIABLE LENGTH TELECOMMUNICATIONS
              ----------------------------------------------

   1.  Receive Data                    12. GEISCO Miscellaneous Menu
   2.  Split Network Data into OEM Files 13. Maintain Miscellaneous File
   3.  Breakdown Data                  14. Order Status Report Menu (870)
   4.  Transmit 997s                   15. Application Advice Menu (824)
   5.  Print Req's (830,850,860,862,866) 16. Receiving Advice Menu (861)
   6.  Print Purchase Order/Changes (850,860) 17. Remittance Advice Menu (820)
   7.  AIAG Reports Menu               18. Inventory Advice Menu (846)
   8.  Process Req's (830,850,860,862,866) 19. Text Message Menu (864)
   9.  Maintain Network Security       20. Purchase Order Menu (850)
  10.  Maintain Network Selection
  11.  Commerce Miscellaneous Menu

                  23. Return to V/L Telecommunications
```

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

Print Method

Print Method: Optional

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

Print Requirements

(Option 5 on the VL0 menu)

This menu option performs a check for master files that are needed to process the requirements received into the Requirement Detail File and the Load File.

Data Changed from 850 to 862 Transaction Set

For other than Parts Operations, Navistar data (with destinations) received on 850s and 860s is changed to 862s during the Process, because Navistar uses these transaction sets as authorized ship schedules. This data is processed as 862s and is viewed and printed as 862s on inquiries and reports.

For Parts Operations, 850s are original POs and are kept as 850s. They are processed into the JIT files. For Parts Operations requirements with destinations, they are also processed into the Load File. The data will print on the 830/862 Edit Report. The data will be viewed and printed as 850s on inquiries and reports.

860s without destinations change the corresponding 850 record that is accessed from the Order Status Report Menu.

Data Printed but Not Maintained

The customer order number, delivery order number, and attachment code are received on the 850/860 transaction set and print on the Purchase Order Edit List, the shipper, and the invoice. These fields are printed only and are not displayed and cannot be maintained.

Exception--866 Clear Flags

When clearing 866s, all 866s are cleared, not just those matching the key. Navistar's 866 file is a Replacement File. The clear flag must be marked. There may be a need to process an 866 file multiple times (such as when the automatic process contains errors). Take the "Breakdown" option again before printing and processing the same 866 file a second time.

As the error-free records were processed the first time, they were deleted from the work file. Therefore, if these records are printed and processed a second time, current data will be "replaced" and the previously processed records will be deleted.

VL41 Menu

```
--------------------------------------------------
                      NAVISTAR
                  AIAG REPORTS MENU
--------------------------------------------------


   1. Print Trading Partner Profile (838)
   2. Print Text (864)
   3. Print Functional Acknowledgements (997)

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


                    Option __
```
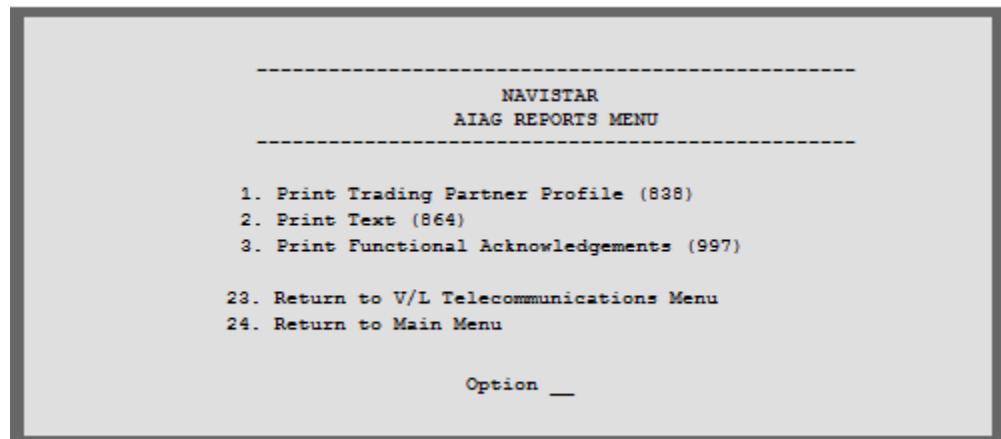
Access the AIAG Reports Menu from option 7 on the VL0 menu.

Print Trading Partner Profile

(Option 1 on the VL41 menu)

This option is used to print the Trading Partner Profile (838) transmitted from Navistar. The trading partner profile is used to request, change, verify, or transmit business profile information to or from a trading partner. Navistar transmits quality rating information for a specific time period to their suppliers using this transaction set. Suppliers are expected to use this rating information to improve performance, which results in a reduction of their costs, Navistar's costs, and a means to differentiate their performance from that of their competition.

The Transaction Set Audit Report, printed during the "Breakdown," indicates if a trading partner profile was received. If none were received, a break message will indicate that there are none to print.

Print Functional Acknowledgements (997)

(Option 2 on the VL41 menu)

This option is used only if the Automatic Print of 997 field in the Identification Code file contains "N." If this field contains "Y," the Functional Acknowledgements (997s) print automatically when the Receive Acknowledgements option is taken.

Warning: If the Identification Code File contains "N" and the Functional Acknowledgements are not printed right away, and if a Receive option is taken again, be sure to respond "N" to the "delete previous data?" prompt or the previously received functional acknowledgement(s) will be lost.

Process Requirements

(Option 8 on the VL0 menu)

866 Replacement File Exception

When clearing 866s, all 866s are cleared, not just those matching the key. Navistar's 866 file is a replacement file. The clear flag must be marked. There may be a need to process an 866 file multiple times (such as when the automatic process contains errors). Take the "Breakdown" option again before printing and processing the same 866 file a second time.

As the error-free records were processed the first time, they were deleted from the work file. Therefore, if these records are printed and processed a second time, current data will be replaced and the previously processed records will be deleted.

The Process option can be executed as many times as needed to process all the requirements. Processing the same file more than once will not alter the requirements, as they are being overlaid.

Note: Navistar data received on 850s and 860s are changed to 862s during the Breakdown, because Navistar uses these transaction sets as authorized ship schedules. This data will be processed as 862s and will be viewed and printed as 862s on inquiries and reports. The company selection option is displayed if the user has authority to multiple companies.

Several reports are printed at the Process, including the Pull & Reset Report, which is unique to Navistar.

Pull and Reset Report

This report lists requirements that contain the alpha character (A, B, C, P, S, X, or Z) in the line set portion of the RAN, indicating those requirements that are to be pulled or reset.

The line set number is embedded into the RAN. The line set is four-characters and represents the position of the vehicle in the assembly line. When a line position change is to occur--pull (pulled forward) or reset (pushed back)--an alpha character is appended to the end of the line set number.

Because the line set is included in the RAN and RAN is part of the key to shipping history, the appended character must be removed before checking shipping history for duplicates.

VL72 Menu

```
---------------------------------------------------------
                         NAVISTAR
                    ORDER STATUS REPORT
---------------------------------------------------------

     1. Maintain Order Status Report
     2. List Order Status Report
     3. Create/Transmit Order Status Report
     4. Purge Order Status Report
     5. Reactivate Order Status Report

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


                        Option __
```
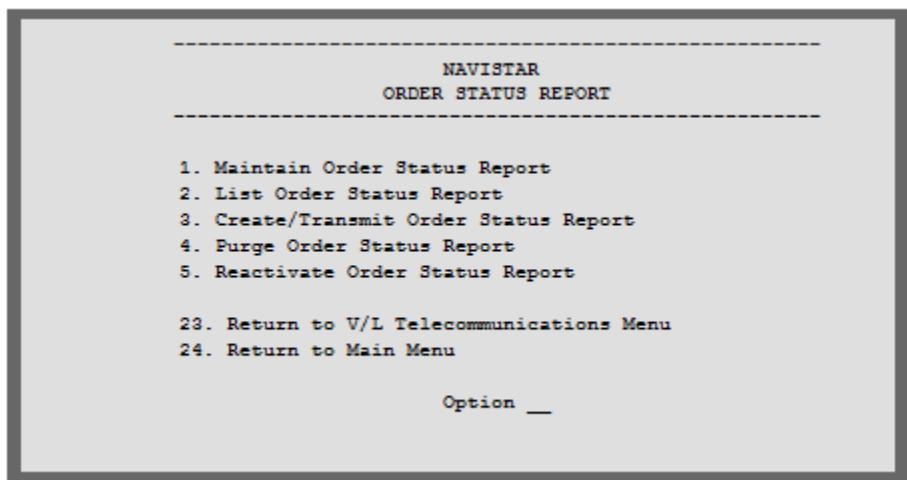
Overview--Order Status Report Menu (870)

(Option 14 on the VL0 menu)

Navistar transmits planning requirements on 850s and/or 860s without destinations. A Machine Readable Destination record must be entered using "99999999999999999" in the Identification Number field to assign an abbreviation for these planning requirements. A separate OEM Miscellaneous File must be entered for the non-destination requirements using the abbreviation assigned to the "99999999999999999" record in the Machine Readable Destination File.

All non-destination requirement records are placed on hold in files VPX870A and VPX870B.

The supplier may be required to respond with an Order Status Report (870) to verify the quantity to ship, delivery date, and the Unit of Measure. These non-destination requirement records can be accessed using the option Maintain Order Status Report.

After entering the required data, the 870 file is created and transmitted to Navistar. Navistar then transmits the requirement, with the destination, on an 862 as authorized ship.

If an 870 is received by Navistar on which the original quantity required was reduced (indicating a partial shipment will be made), Navistar will transmit an 862 for the quantity that will be shipped according to the

information from the 870. Navistar will also re-transmit the 850 with the entire original quantity and transmit an 860 (Purchase Order Change), which will change this 850 to reflect the remainder of the original required quantity that is still without a destination.

Maintain Order Status Report

(Option 1 on the VL72 menu)

This option displays a list of all requirement records received on non-destination Purchase Orders (850s) that have been processed into files VPX870A and VPX870B and have been placed on hold.

These records may be assigned a document number, and the quantity to ship, delivery request date, and Unit of Measure are verified or changed. The hold status is changed to "O" for "original." Original records will be included in the Order Status Report (870) when the Create/Transmit Order Status Report option is taken.

On the Order Status Review screen, enter a Purchase Order Number to display the list of records from that Purchase Order. Or, scroll through the list to find the record to maintain. Select with "1" and press enter to maintain the record.

On the Order Status Report screen, enter a user-assigned alphanumeric identification number in the document field and press enter to display all records associated with this Purchase Order.

Detail Selection Screen
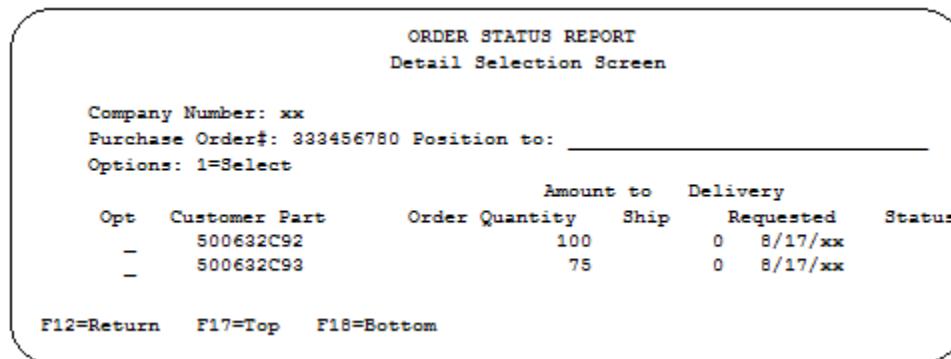
```
                        ORDER STATUS REPORT
                       Detail Selection Screen

   Company Number: xx
   Purchase Order#: 333456780 Position to: _____
   Options: 1=Select
                                     Amount to    Delivery
     Opt    Customer Part      Order Quantity    Ship    Requested    Status
      _       500632C92                100          0    8/17/xx
      _       500632C93                 75          0    8/17/xx


 F12=Return    F17=Top    F18=Bottom
```

Enter a customer part number in the Position to field to search the list and position the cursor at that record. Enter "1" next to the record to select it to display the Part Detail Record.

Order Status Report Screen

Order Status Report Screen
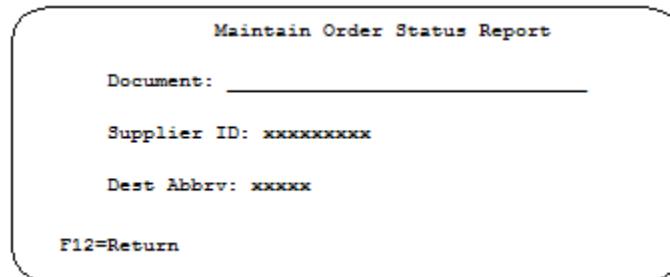
```
                 Maintain Order Status Report

      Document: _____

      Supplier ID: xxxxxxxxx

      Dest Abbrv: xxxxx


   F12=Return
```

Document - User-assigned alphanumeric identification number.

Supplier ID - Defaults from the Plant ID field in the Identification Code File.

Dest Abbrv - Planning abbreviation entered in the Machine Readable Destination File for identification code number 99999999999999999.

Enter - Displays all records associated with this Purchase Order.

F12 - Return - Returns to the Review Screen.

Part Detail Record

Part Detail Record Screen

```
                    Maintain Order Status Report

        Purchase Order#: 333456780
        Cust Part#:      500632C93
        Vendor Part#     46211
        OEM U. OF M.:    PC
        Order Quantity:        75

        Quantity to Ship:  _____        Action Code:
        _
        Delivery Requested: _____
        Unit of Measure:    ___

        F12=Return
```

Quantity to Ship - Enter the quantity to ship. The quantity required as received from Ship Navistar is displayed in the Order Quantity field.

Note: If the quantity to ship is less than the order quantity, Navistar will transmit an 862 for the quantity to ship and will also retransmit the 850 with the entire original quantity and transmit an 860 (Purchase Order Change), which will change this 850 to reflect the remainder of the original required quantity that is still without a destination.

Action Code - All records are processed into this file with a status of "H" for "hold." Change to "O" for "original" when this record is ready to be included in the next 870 transmission.

Delivery Requested - The delivery date is processed from the 850. It can be changed to return a Requested Different Date in the 870 file.

Unit of Measure - Unit of Measure is processed from the 850. It can be changed to return a Measure Different Unit of Measure in the 870 file.

List Order Status Report

(Option 2 on the VL72 menu)

This option prints a list of Purchase Orders that have been extracted or entered manually. The company selection option is displayed if the user has authority to multiple companies.

List Order Status Screen

```
                    ORDER STATUS REVIEW LISTING

       Enter the following or leave blank for ALL:

                                     From            To
       Purchase Order Number....... _____

       _____

       Options: 1=Select

                  Opt Transmit Codes
                   _    O - Original
                   _    H - Hold
                   _    T - Transmitted


 F3=Exit
```

Enter the range of Purchase Order Numbers to print, or leave blank for all.

Transmit Codes - Enter "1" next to the transmit code(s) representing the status of the Purchase Order to print.

Create/Transmit Order Status Report

(Option 3 on the VL72 menu)

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

A screen prompts for company number.

Create Purchase Order Screen

```
              CREATE AND TRANSMIT ORDER STATUS REPORT

    Select a Purchase Order Number or blank for all: _____

    (T)est or (P)roduction Mode.....................: _

    F3=Exit   F4=Prompt
```

The Create Purchase Order screen prompts for the Purchase Order Number and the test or production mode.

Purchase Order Number

The 870 file can be created for an individual Purchase Order, all Purchase Orders, or any number of Purchase Order records that have been activated ("O" for "original").

To create an 870 file for a single purchase order

> 1. Enter the Purchase Order Number.

2.   Enter the production mode ("P" or "T").

3.   Press Enter.

To create an 870 file for all purchase orders

1.   Leave the Purchase Order Number field blank

2.   Enter the production mode ("P" or "T").

3.   Press Enter.

Use F4 to display all available records and select those to be included in this file.

F4 - Prompt

(From the Create Order Status Report screen)

This function key displays a list of all active (status of "O") non-destination requirement records for the user to select those to be included in this 870 transmission.

Review Screen

```
                    ORDER STATUS SELECTION

    Option: 1=Select

    Opt  Purchase Order Number     Customer Part#
     _    333456780                 500632C92




  F12=Return    F17=Top    F18=Bottom
```

Enter "1" next to those records to be included in this transmission and press Enter.

The 870 records are checked for missing fields that may cause the 870s to be rejected. If terminal errors are found (errors that will cause the 870 to be rejected according to OEM specifications), the program will end, the Order Status Verification Report will print, and a break message displays:

```
"Terminal errors exist for the 870 Create. Check the Order Status
Verification Report for Errors. Correct the errors and resubmit
this job."
```

Correct the errors using the option to Maintain Order Status Reports and take the Create/Transmit option again.

Purge Order Status Report

(Option 4 on the VL72 menu)

This option will remove transmitted non-destination requirement records from the files VPX870A and VPX870B and print a list of the purged records.

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

Purge Order Status Report Screen

```
                        PURGE Navistar ORDER STATUS

        All transmitted Order Status Report
        with this purchase order will be purged .....
            _____
```
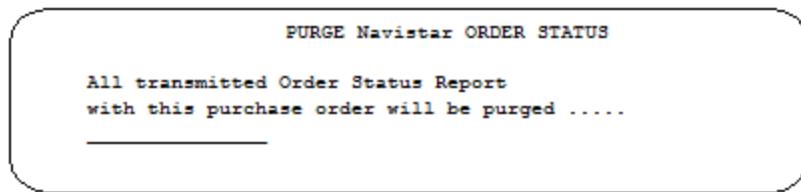
Enter the Purchase Order Number to be purged. All records associated with this Purchase Order Number are purged. A report prints listing the records that were purged.

Reactivate Order Status Report

(Option 5 on the VL72 menu)

This option is used to change non-destination records with a status of "T" for "transmitted" to "O" for "original," so they can be changed and / or transmitted again.

A screen prompts for company number.

Reactivate Orders Screen

```
                        REACTIVATE NAVISTAR ORDERS

        Enter the following or leave blank for ALL:

        Purchase Order Number....... _____


    F3=Exit
```
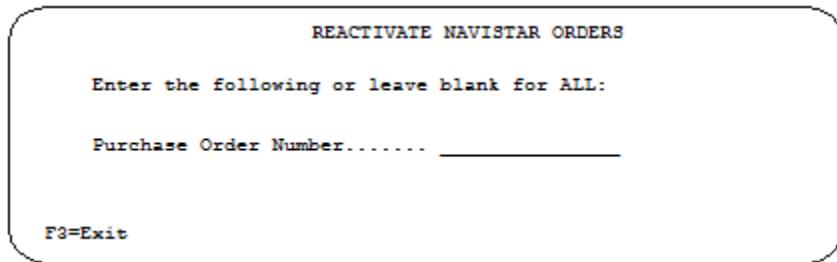
Enter a Purchase Order Number to reactivate all records associated with this Purchase Order. Or, leave blank to reactivate all Purchase Orders.

VL44 Menu

```
                          MENU: VL44V
          -------------------------------------------------
                           NAVISTAR
                        APPLICATION ADVICE
          -------------------------------------------------

            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 __
```
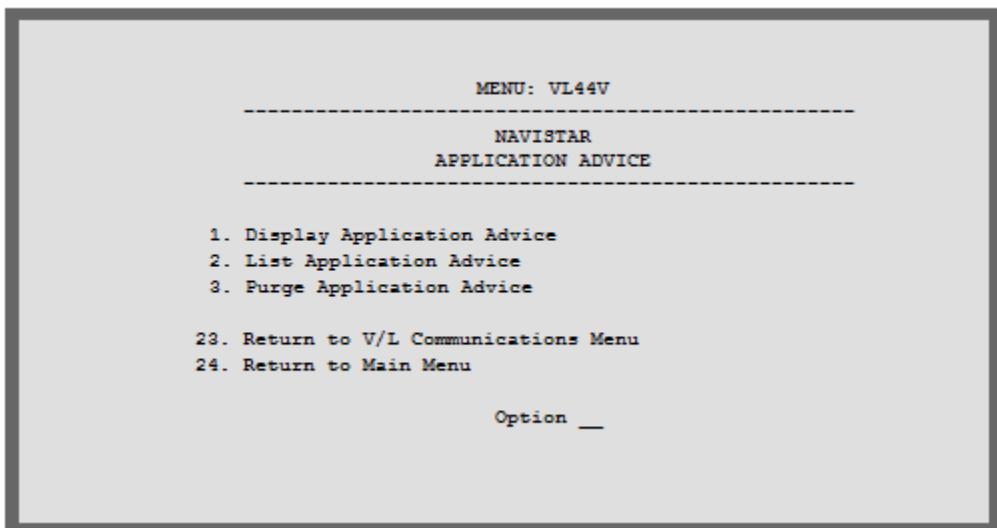
Application Advice Overview (824)

(Option 15 on the VL0 menu)

This Application Advice Menu (VL44V) is used to display, print, and purge the Application Advice (824) file received from Navistar. When this data is no longer current, it may be purged.

The Application Advice reports errors of content in the file received from Navistar. The Functional Acknowledgement indicates that the file was, in fact, received and that it was syntactically correct. The Application Advice takes the checking procedure a step further and reports if specific content errors are found. The Application Advice may state that the transmission was accepted with errors or that the transmission 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.

Application Advice Menu Overview

```
                        ┌──────────────────────────────┐
                        │      Selection Screen        │
                        │                              │
                        │   1=Select   5=Detail        │
                        └──────────────────────────────┘
                                      │
        Enter 1                       │                    F4
                        ┌──────────────────────────────┐   ┌──────────────┐
                        │      Header Screen           │   │   Name       │
                        │                              │───│   Window     │
                        │   F4=Names                   │   │              │
                        └──────────────────────────────┘   └──────────────┘
                                      │
        Enter                         │
                        ┌──────────────────────────────┐
                        │      Line Item Screen        │
                        │                              │
                        │   1=Select                   │
                        └──────────────────────────────┘
                                      │
        Enter 1                       │
                        ┌──────────────────────────────┐
                        │   Detail Inquiry Screen      │
                        │                              │
                        │ F4=Technical Notes F5=Reference No. │
                        │ F6=Dates  F7=Quantity        │
                        └──────────────────────────────┘
              F4            F5            F6            F7
        ┌──────────┐  ┌──────────┐  ┌──────────┐  ┌──────────┐
        │  Error   │  │Reference │  │  Date/   │  │ Quantity │
        │Description│  │ Window   │  │Qualifier │  │ Window   │
        │ Window   │  │          │  │ Window   │  │          │
        └──────────┘  └──────────┘  └──────────┘  └──────────┘
              │
        Enter 1
        ┌──────────┐
        │  Note    │
        │ Window   │
        └──────────┘
```

VL38 Menu

```
                        MENU: VL38V
        ----------------------------------------------------
                         NAVISTAR
                      RECEIVING ADVICE
        ----------------------------------------------------

        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 (861)

(Option 16 on the VL0 menu)

This Receiving Advice Menu (VL38V) is used to display, print, and purge the Receiving Advice (861) file received from Navistar. The 861 is a discrepancy report providing information to notify the supplier when the ASN data is not the same as the data recorded by Navistar when the shipment is actually received. Discrepancies are not processed into the Requirement or Load Files. Adjustments must be made manually (when necessary) from the Manual Requirement/Shipping Adjustments Menu (RC8). When this data is no longer current, it may be purged.

The Transaction Sets Received Audit Report, which is printed during the "Breakdown," identifies the transaction sets received by each company.

During the "Process," all data received in the 861 file are placed in the universal Receiving Advice files VPX861A-VPX861H.

Receiving Advice Menu Overview

```
┌─────────────────────────────────┐
│        Selection Screen         │
│                                 │
│ 1=Select 8=Print 9=Additional Information │
└─────────────────────────────────┘
Enter 1                                    F23
┌─────────────────────────────────┐      ┌──────────────┐
│         Header Screen           │      │  Additional  │
│                                 │──────│    Header    │
│  F23=Additional Information     │      │ Information   │
└─────────────────────────────────┘      └──────────────┘
Enter
┌─────────────────────────────────┐
│        Line Item Screen         │
│                                 │
│   1=Select                      │
└─────────────────────────────────┘
Enter 1                                    F23
┌─────────────────────────────────┐      ┌──────────────┐
│       Line Detail Screen        │      │  Additional  │
│                                 │──────│    Detail    │
│  F=23 Additional Information    │      │ Information   │
└─────────────────────────────────┘      └──────────────┘
```
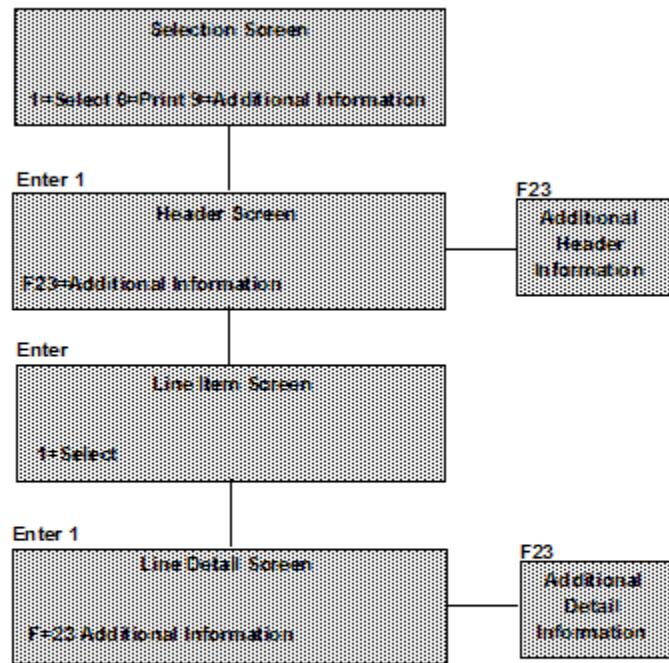
Display Receiving Advice

(Option 1 on the VL38 menu)

Header Screen

The header screen displays after the user selects a Receiving Advice from the review screen.

Header Screen
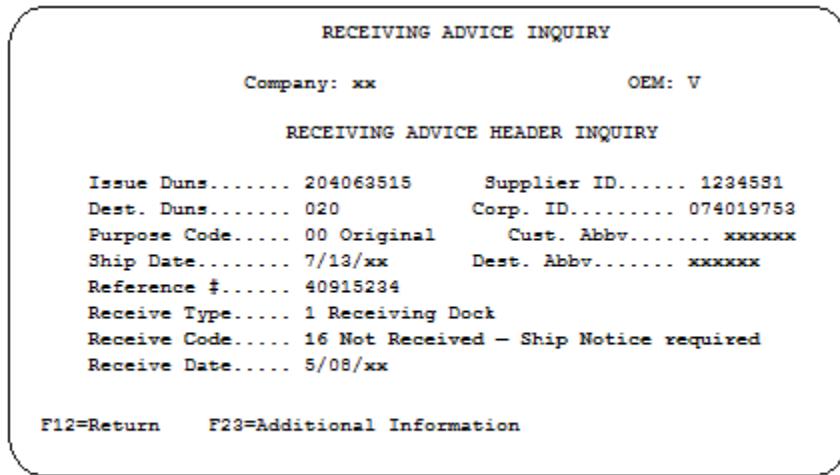
```
                    RECEIVING ADVICE INQUIRY

            Company: xx                    OEM: V

                 RECEIVING ADVICE HEADER INQUIRY

    Issue Duns....... 204063515     Supplier ID...... 1234531
    Dest. Duns....... 020           Corp. ID......... 074019753
    Purpose Code..... 00 Original    Cust. Abbv....... xxxxxx
    Ship Date........ 7/13/xx       Dest. Abbv....... xxxxxx
    Reference #...... 40915234
    Receive Type..... 1 Receiving Dock
    Receive Code..... 16 Not Received — Ship Notice required
    Receive Date..... 5/08/xx


 F12=Return    F23=Additional Information
```

The data displayed on this screen can be viewed only and cannot be changed.

The receive code is sent by Navistar. Valid receive codes include:

01 - Damaged product or container 05 - Incorrect product

02 - Quantity short 06 - Non-standard container

03 - Quantity over 16 - Not received - ship

04 - Quantity problem notice required

F23 - Additional Information - Name Information, Reference Numbers, Date/Qualifier Information, Quantity/Weights, and Routing Sequence are displayed if this data was transmitted with the file.

F23 - Additional Information

Additional Information

```
            Additional Header Information

    (1=Select)
    Option Functionality

    _ Name Information
    _ Reference Numbers
    _ Date/Qualifier Information
    _ Quantity/Weights
    _ Routing Sequence Carrier

    F12=Return
```
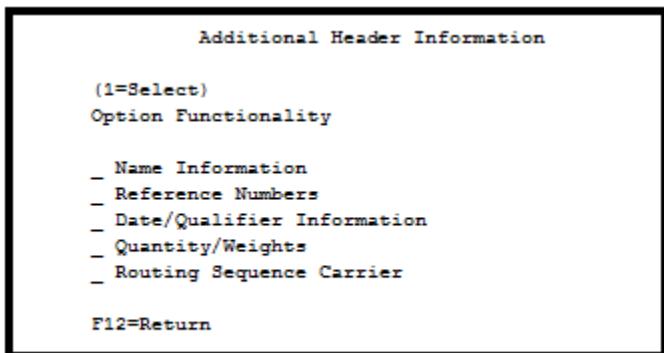
The Additional Information window displays only those topics with data available. Enter "1" next to an item to access this information.

VL36 Menu

```
                    MENU: VL36V
        -------------------------------------------------
                        NAVISTAR
                  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 __
```
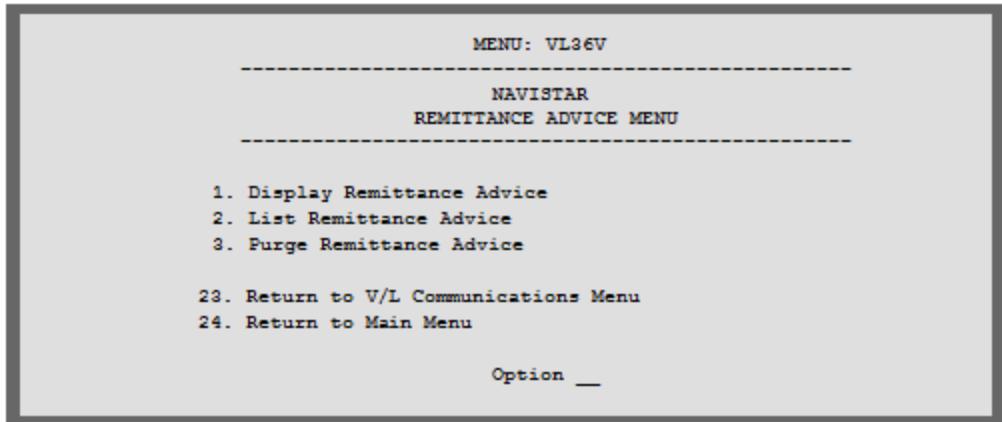
Remittance Advice Overview (820)

(Option 17 on the VL0 menu)

This Remittance Advice Menu (VL36V) is used to display, print, and purge the Remittance Advice (820) file received from Navistar. The ERS (evaluated receipts settlement, or 820) is used for the Engine and Truck Divisions. 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, and so forth. 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 the universal Remittance Files VPX820A-VPX820K.

Remittance Advice Menu Overview

VL39 Menu

```
                         MENU: VL39V
         ------------------------------------------------
                          NAVISTAR
                       INVENTORY ADVICE
         ------------------------------------------------

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

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


                         Option _
```
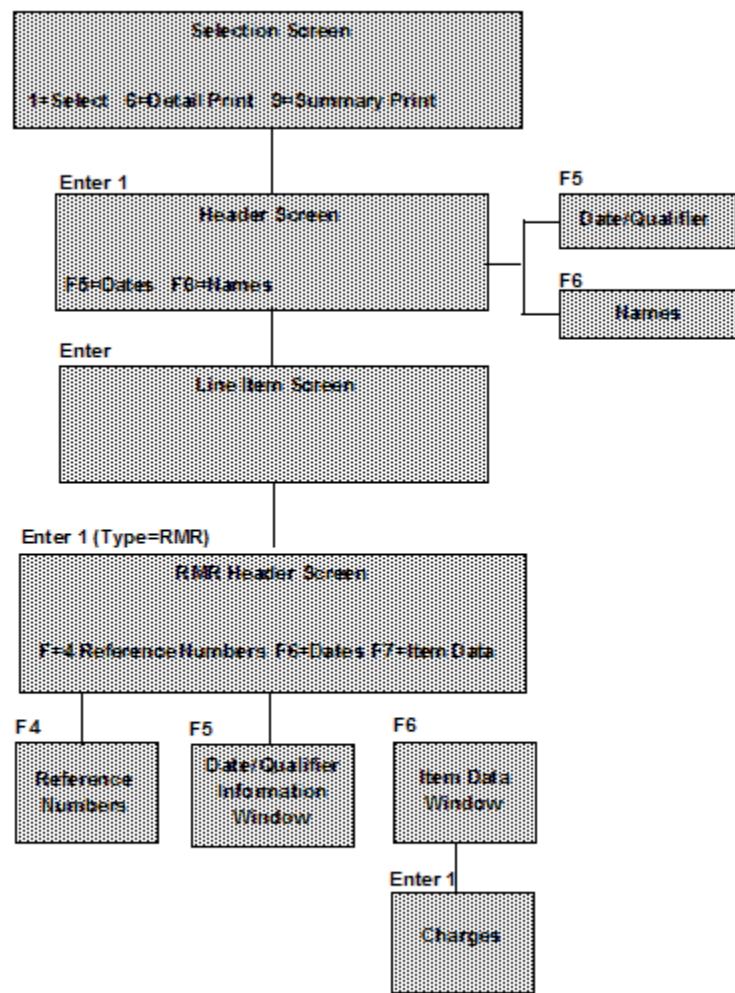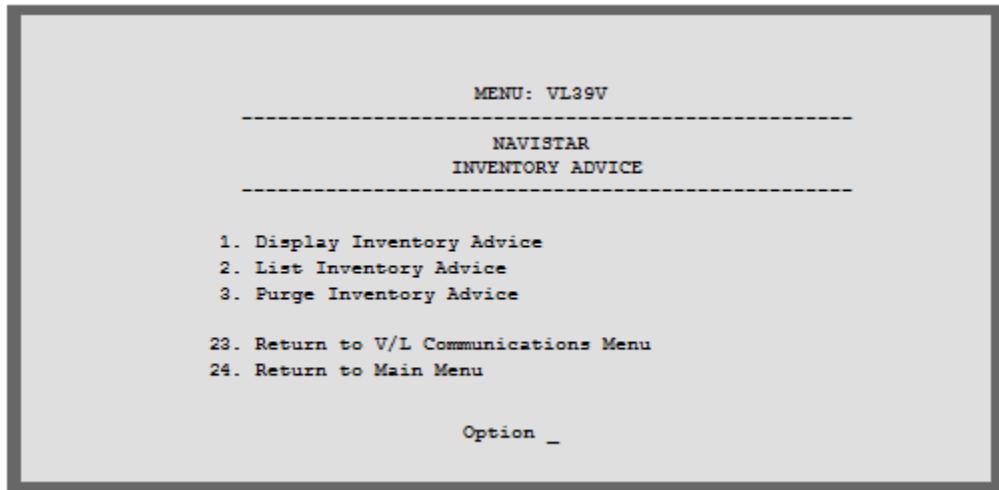
Inventory Advice Overview (846)

(Option 18 on the VL0 menu)

This Inventory Advice Menu (VL39V) is used to display, list, and purge the Inventory Advice (846) files received from Navistar. The 846 is sent to Engine Division suppliers only. The 846 is used to communicate quantities consumed in production.

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 846 file is placed in the universal Remittance Advice files VPX846A-VPX846K.

When this data is no longer current, it may be purged.

Inventory Advice Menu Overview

VL55 Menu

```
12.0                       MENU: VL55V
              --------------------------------------------------
                             NAVISTAR
                         TEXT MESSAGE MENU
              --------------------------------------------------


              1.   Display Text Messages
              2.   List Text Messages
              3.   Purge Text Messages



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


                             Option __
```
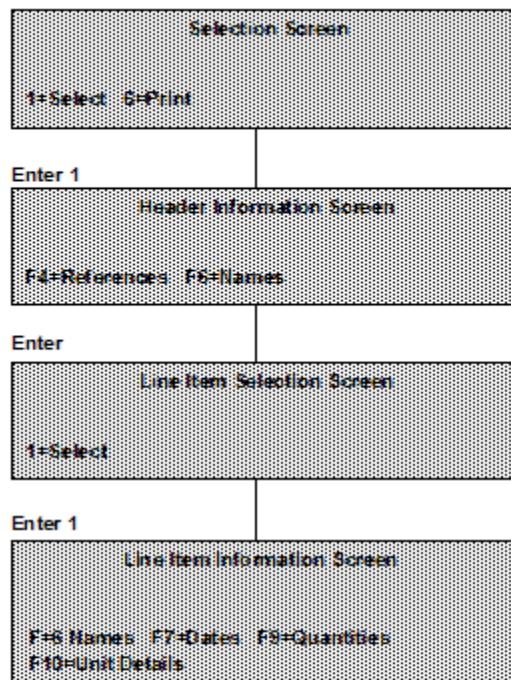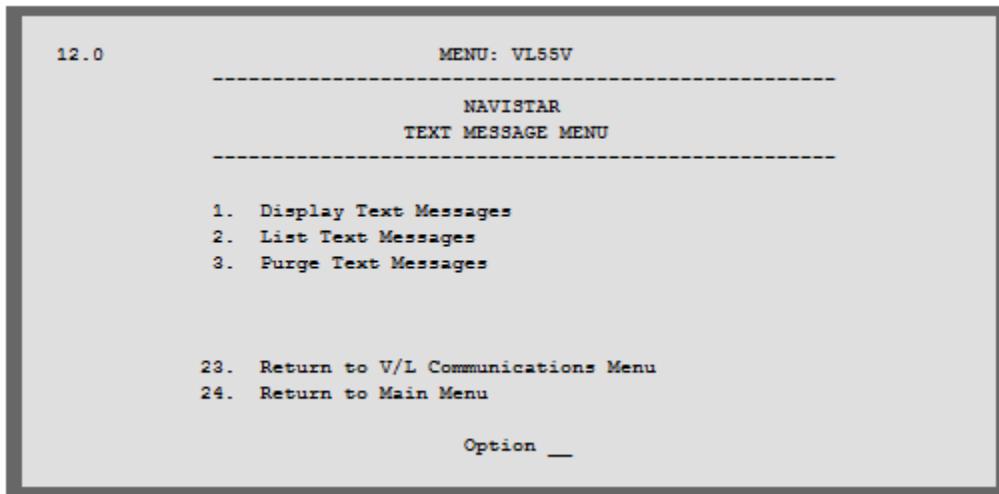
Text Message Menu (864)

(Option 19 on the VL0 Menu)

This option is used to display, list, and purge Navistar text (864). The Transaction Sets Received Audit Report, which prints during the Breakdown, identifies the transaction sets received by each company.

During the Breakdown, all data received in the 864 file is placed in the universal Text Message files VPH864A - VPH864F.

VL35 Menu

```
VLD3500V1     8/11/XX            MENU: VL35V            14:12:24
12.0          --------------------------------------------------
                             NAVISTAR
                         P.O. INQUIRY MENU
              --------------------------------------------------


              1.   Maintain Purchase Orders
              2.   List Purchase Orders
              3.   Create/Transmit P.O. Acknowledgements (855)
              4.   Purge Purchase Orders
              5.   Reactivate Transmitted P.O. Acknowledgements
```
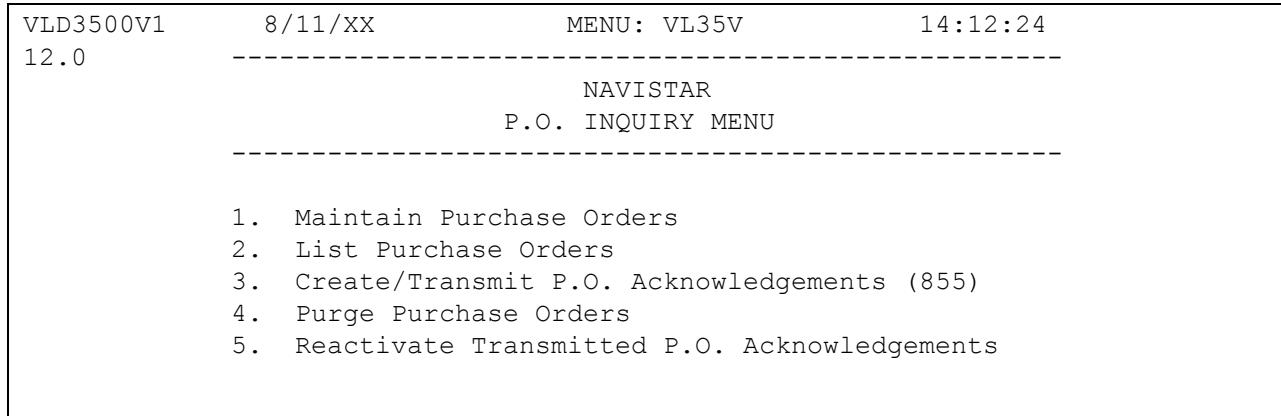
P.O. Inquiry Overview

(Option 20 on the VL0 menu)

This option allows maintenance, listings and purging of Purchase Orders (850s) received from Navistar. As well as the Create and Transmit of the 855 (Purchase Order Acknowledgement) and the reactivation of the 855.

During the Process, all data received in the 850 file is placed in the universal Purchase Order files which include VPX855A - VPX855Z, VPX855AA, and VPX855AB. This is the same data from the 850 edit list that is placed on hold during the Print from the Navistar VL0V menu. When this data is no longer current, it may be purged. Note that purging purchase order records from this menu does not affect the Requirement or Load Files.

Note: Ship to address information is required on the shipper and the ASN. Therefore, the 850 is marked as transmitted when the ASN for that Purchase Order has been transmitted.

ASNs
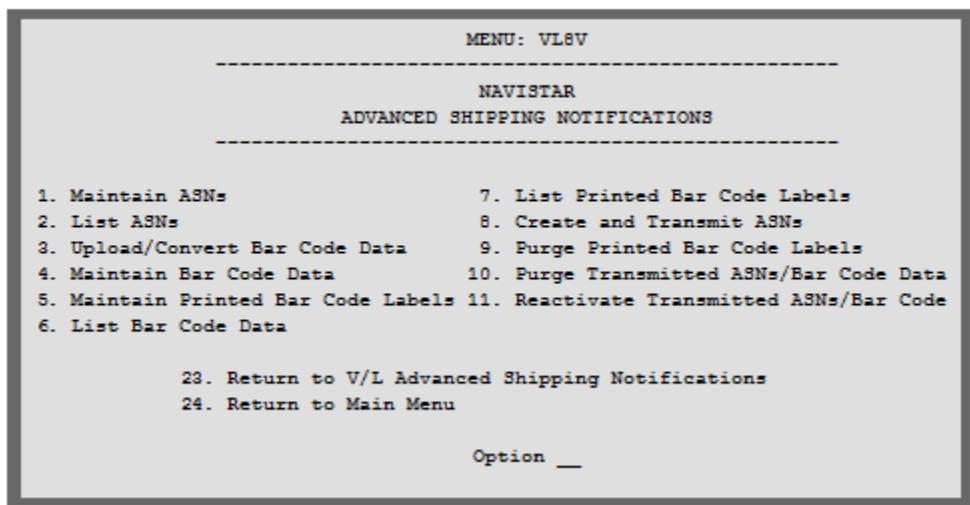
```
                          MENU: VL8V
          ---------------------------------------------------
                            NAVISTAR
                 ADVANCED SHIPPING NOTIFICATIONS
          ---------------------------------------------------

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

          23. Return to V/L Advanced Shipping Notifications
          24. Return to Main Menu


                    Option __
```

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

Maintain ASNs

(Option 1 on the VL8 menu)

ASN Maintenance Screen

```
VLD8100V1                    ASN MAINTENANCE MENU
  Company KF    Sequence number  3500    OEM V     ASN C     Action Code T
 ----------------------------------------------------------------------------
--
Shipper # ..   3098    In-House Part # I-ZB89528K        U of M..........
EA
Ship Date ..  4/17/xx   Customer Part # ZB89528K
Ship Time/Zone 1444 ET  Ret Container . N (Y/N)          Service Flag.... S
Cust Abrv .. NAVIST     Replacement/Repair Part?
Dest Abrv .. NAVDLR     Plant ID....... 3546760          OEM Div.
Dock .......            Corp ID ....... K144428643
Collect    Prepaid X    RPS Supplier #
Qty Shp ....       6    Cntry of Origin US
Cum Ship ...      46    Container Qty .    3       Container Desc . CTN25
                        Net Weight ....     47     Carrier Abbv ... DOBX
                        Tare Weight ...    17      Dest. Carrier .. OBEX
Equip Desc . TL         Module Ref #...
Conv Code .. M          Engr Level .... 002
Conv Bill .. 003098     Hazardous Desc. HAZA
                        P.O. Number ... 00D831499       PO Line..
Job#........            Carrier Name .. OUTBOUND EXPRESS
Asmbly line#            Pro Number .... PRONUM
Line Seq#...            Cust Cont # .. RET0151210
 F10=Delete   F12=Return
```

Company Number - Displays the company number that was previously entered.

Sequence Number - Assigned by the system.

OEM - "V" for Navistar.

ASN - Defaults from the Destination File. The ASN code can be changed at shipper entry time. Navistar uses the ASN code of "C" for variable length with bar code verification.

Action Code - The action code places the corresponding two-digit code in the BSN 01 segment in the ASN file. Valid action codes include:

O - Original 00

H - 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 Part # - Internal part number entered in the Parts Cross Reference File.

U of M - Unit of Measure defaults from the Destination File.

Ship Date - Date of shipment in the MMDDYY format. Defaults from shipper entry time.

Customer Part # - Navistar's part number.

Ship Time - Time entered at shipper entry time (HHMM) in military format. If no time was entered the ship time defaults from the system time when the "Extract" option is taken.

Zone - AIAG abbreviation for time zone. Defaults from the Control File.

ET - Eastern Standard

CT - Central Standard

MT - Mountain Standard

PT - Pacific Standard

Return Cont - Defaults from Requirement A record. It can be changed at shipper time.

Service Flag - This field is displayed only when the Supplier Type field in the Destination File is marked with "S" for "service" to create segments as required by the service specifications:

Place PO Date in the PRF segment.

Prevent the REF*PK, REF*SI, and MEA*PD*N segments.

Prevent the tare level serial number from item level.

Create Tare Level (HL***T segment, REF*LS segment) for master and mixed bar code serial numbers.

Change the CTT01 to reflect the total number of HL segments within the transaction set. PDC (Parts Distribution Centers): Enter "S" if this is a PDC center. The Supplier Type field works in conjunction with the Ford Dest Code field to determine the PDC. If the PDC ship-to code is entered in the Ford Dest Code field, the Supplier Type field is marked with "S" (service). This places the value in the Ford Dest Code field in the N1*ST*04 segment in the 810 file.

Cust Abrv - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct customer code in the ASN file.

Replacement / Repair Part - Enter "Y" if this is a replacement part; the part qualifier "RP" is transmitted in the LIN segment.

Leave blank or enter "N" and the part qualifier "BP" is transmitted in the LIN segment.

Dest Abrv - User-assigned abbreviation that must be entered in the Machine Readable File to return the correct destination code in the ASN file.

Plant ID - Supplier code assigned by Navistar. This is entered in the Supplier Code field in the Requirement Master and the Plant ID field in the Identification Code File.

OEM Div - Defaults from the Requirement Master File.

Dock - Code representing the dock at the destination location if a dock code was transmitted. Defaults from the Requirement A record. The Destination Abbreviation with the dock code must be entered in the Machine Readable Destination File to transmit the correct destination location code in the ASN file.

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 finds the Corp ID entered, which defaults to this field and is transmitted in the N1*SU segment in the ASN file.

Collect - Defaults "X" if "Freight Payment Type Collect" is marked in the Destination File. If all freight payment fields are blank in the destination file, the Control File is checked.

Prepaid - Defaults "X" if "Freight Payment Type Prepaid" is marked in the Destination File. If all freight payment fields are blank in the Destination File, the Control File is checked.

RPS Supplier # - Defaults from the Requirement Master. This code is transmitted in the N1*SE segment and is required only when the carrier is Railroad Packaging Service (RPSI).

Quantity Ship - Number of pieces shipped.

Navistar Service export shipments needs the country of origin sent on the ASN.   Set up the country of origin in the Parts Cross Reference File for the parts involved. The country of origin will flow through to the ASN file for all new shippers once the setup is complete.

CUM Ship - The total number of parts shipped this model year, which is transmitted in the SN 1 segment in the ASN file.

Container Qty - The number of containers, which is calculated by dividing the quantity shipped by the package quantity entered in the Requirement A record. It can be changed at shipper entry time.

Cont. Desc - Container description must be a valid AIAG standard description consisting of three alpha characters followed by two numeric characters. This defaults from the Container File. The container code can be changed at shipper entry time.

Net Weight - Total weight of parts, calculated by multiplying the quantity shipped times the net weight per part entered in the Parts Cross Reference File. It can be changed at shipper entry time.

Carrier Abbv - Carrier abbreviation (SCAC code), which defaults from the Carrier Abbreviation field in the Carrier File.

Tare Weight - The weight of the container(s), which is calculated based on the container and pallet weights entered in the Container File. The tare weight can be changed at shipper entry time.

Dest. Carrier - Carrier abbreviation (SCAC code), which defaults from the Delivery Carrier field in the Carrier File.

Equipment Desc - The Equipment Description further describes the Conveyance Code. It defaults from the Carrier File. The valid equipment description code is the following:

TL - Trailer

Conv Code - AIAG standard code, which describes the method of conveyance. Defaults from the Carrier file. It can be changed at shipper entry time. Valid conveyance codes include:
A - Air
M - Motor
O - Containerized Ocean
Q - Conventional Ocean
R - Rail
U - Private Parcel Service

Engr Level - Engineering level transmitted by Navistar. Defaults from the requirement B record. Optional.

Conv Bill - Defaults from the Conveyance Number field at shipper entry time if a trailer number or air freight number was entered. If there was no entry at that time, the shipper number defaults.

Note: The conveyance bill must not be more than ten characters long, or an error message displays indicating that the conveyance bill is longer than ten characters.

Line Sequence # - The line sequence number is received from Navistar in the LIN segment of the 866 (qualifier LF) and is returned in the 856 file in the REF*JA (first number) and REF*JE (last number).

Cust Cont # - Defaults from the Customer Container Number field in the Container file.

Range Line #s - This field is obsolete and will be removed. The system calculates the beginning and ending numbers and places them in the REF*JA (beginning) and REF *JE (ending) with no entry required by the user.

The range of line numbers is used only for shipments to the Chatham (204063515) and Springfield (049645120) locations.

P.O. Number - Purchase order number issued by Navistar. Defaults from the requirement B record.

Job Number - The job number is received from Navistar in the LIN segment of the 866 (qualifier JN) and is returned in the 856 file in the REF*JS segment.

Carrier Name - Carrier name associated with the number entered in the Carrier Preference field in the Destination file. The carrier can be changed at shipper entry time.

Assembly Line # - The assembly line number is received from Navistar in the LIN segment of the 866 (qualifier RS) and is returned in the 856 file in the REF*LF segment.

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

The ASN for non-Service Navistar will now require a Shipment ID # from Navistar. This Shipment ID # must be entered in the ASN selection process so it must be acquired beforehand. This Shipment ID # will be provided via email. This Shipment ID # will be entered during the ASN Create and Transmit for those shippers that are not Service. F11 appears at the bottom of the Update Selected ASN/DESADV Selection Screen to modify the Shipment ID # if needed.

The Navistar (V) ASN verification will give a terminal error "T - PRO Number is required" during the ASN create if the Pro Number has not been added to the ASN. The Pro Number is accessible in ASN maintenance and also during the ASN create, after selecting the ASNs to transmit, while on the UPDATE SELECTED ASN/DESADV INFORMATION screen (F8).

Replacement ASNs

Navistar Service Parts Division will be using the 05 replace on the ASN.   The replacement
ASN can be used in the following circumstances:

If the suppliers ASN was successful, and they received a 997 Accept and do not receive an error 824 but
they decide that the original ASN was incorrect and the material has not been received by Navistar, then
the supplier can correct the ASN and send it as a replace and Navistar will replace the original ASN with
the replacement ASN. If the suppliers ASN was not successful and they received a 997 rejection, the
supplier can resend the ASN as an original or as a replacement. If the suppliers ASN passed the
translator and they received the 997 Accept, but it failed at the application and they received an 824,
the supplier must send a correction; they may send it as an original or as a replacement.

Note: An Original ASN has a purpose code of '00' and a Replacement ASN has a purpose code of '05' in
the BSN02 data element.   In order to create a Replacement ASN in the AutoRelease Navistar module,
the Action code must be changed to an 'R' for all ASN records for that shipment.

# Upload / Convert Bar Code Data

(Option 3 on the VL8 menu)

This option will upload and convert the label data from the scanning device into the Bar Code file.

The system will check the Identification Code file to determine if the Smart Label System is being used. If
the Smart Label field is flagged with "Y" for "yes," the system will find the part number, quantity, and
supplier code in the file VARUPBAR and place them in the Bar Code file (SCPBCODE).

A screen prompts for company number.

When the screen displays 3 columns of 10 blank lines each, take the option on the scanning device to
start uploading the data.

Upload Screen
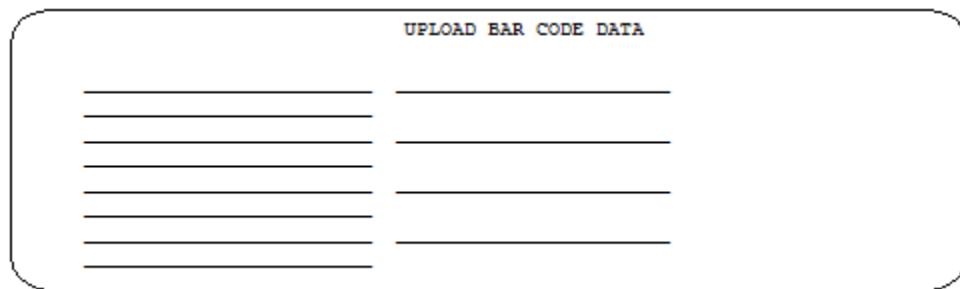
When data has been uploaded, press Enter to accept the data on the last screen, and then press F3 to
return to the menu.

This places the bar code data into the Bar Code file. It also prints an error report showing duplicates or
errors in the bar code data. If a label number is on the report, it will not be uploaded. It must then be
entered into the system manually.

If using the Smart Label System, the Bar Code Label Upload Report prints, indicating errors.

Note: If the Upload option is taken again after correcting errors, the original error-free labels will not upload and will be listed on the report as duplicates.

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.

Bar Code Maintenance Screen

Label Serial Number - 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 - M or 4S - Master label

S - Single label

G or 5S - Mixed label

Package Quantity - The total quantity per label type. If the label type is "M" or "4S," this is the total number of pieces for this master label. If the label type is "S," enter the number of pieces for a single container.

Customer Part Number - Navistar's part number.

RAN Number - Receipt authorization number (not used by Navistar).

Returnable Container - Serial number from the bar code label for the returnable container.

Purchase Order Number - Not used by Navistar.

IPP Tag Number 1 - Not used by Navistar.

IPP Reason Code 1 - Not used by Navistar.

IPP Tag Number 2 - Not used by Navistar.

IPP Reason Code 2 - Not used by Navistar.

OEM (NC / TM) / Label Type - OEM - Not used by Navistar.

Label Type - Not used by Navistar.

User Defined Field - Data entered in this field is user-defined and is carried through to (four fields) the VARUPBAR and SCPBCODE files.

Maintain Printed Bar Code Labels

(Option 5 on the VL8 menu)

This option is used only if labels are printed using the Smart Label System to add, change, or delete printed bar code labels from the file VARUPBAR that was uploaded from the Smart Label System.

Bar Code Maintenance Screen

Press Enter from the Bar Code Selection screen to maintain printed bar code labels.

Supplier Number - Identification code assigned by Navistar.

Package Quantity - Quantity shipped / scanned.

Customer Part Number - Navistar's part number.

RAN Number - Not used by Navistar.

Purchase Order Number - Not used by Navistar.

Model Year - Not used by Navistar.

Date Printed - The date, in MM-DD-YY format, 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 - OEM - Not used by Navistar.

Label Type - Not used by Navistar.

Transmitted (Y / N) - "Y" defaults if the label has been uploaded from the Smart Label System. The transmitted field and the note that follows display only when displaying an existing record, not when adding a record.

SCANPOV Application Control Record:

Navistar now requires the PO number in the bar code data. Navistar suppliers need to activate this Application Control Record will trigger the PO number to be passed into the bar code data.

  Company: Company or **
  Application Name: *ALL
  Keyword: SCANPOV
  Length: 10
  Decimal: Blank
  Infor Data: PRINT or PRINTVER or PROMPTVER

Print = PO will be passed in from the Shipper. PrintVER = PO will be passed in and verified. PROMPTVER = PO will be promted for at Barcode scanning.

Electronic Invoices
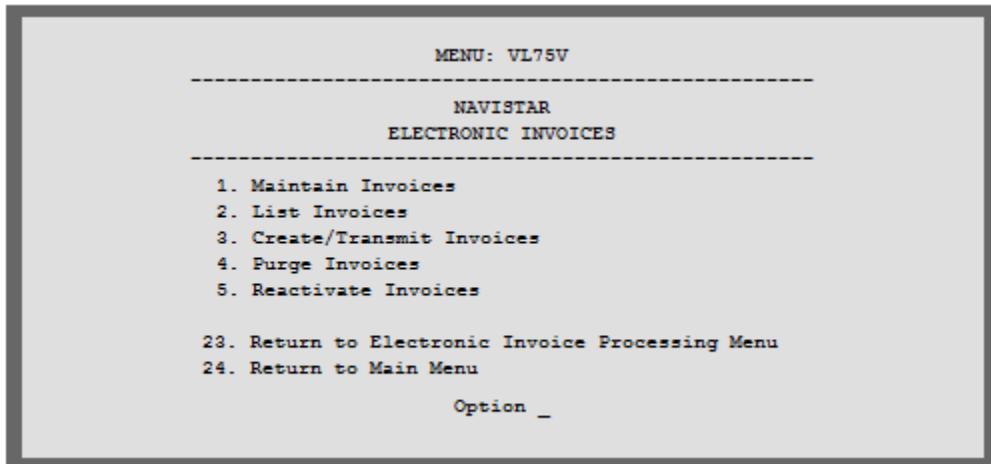
```
                        MENU: VL75V
       ----------------------------------------------------
                        NAVISTAR
                   ELECTRONIC INVOICES
       ----------------------------------------------------
           1. Maintain Invoices
           2. List Invoices
           3. Create/Transmit Invoices
           4. Purge Invoices
           5. Reactivate Invoices

          23. Return to Electronic Invoice Processing Menu
          24. Return to Main Menu

                          Option _
```

Traditionally coded trading partners use a VL75xx menu (where "xx" is the OEM code) to transmit electronic invoices to the trading partner. Many options are identical from trading partner to trading partner. Those options are explained in the AutoRelease manual. Only options unique to this trading partner, exceptions, or unique business practices are explained in this document.

Maintain Invoices

(Option 1 on the VL75 menu)

Invoice header screen

```
                 ELECTRONIC INVOICE MAINTENANCE

      Company Number ... __             Invoice Number ... _____

                        HEADER INFORMATION

   Transmit Code ......... __        Shipper ....... _____
   Invoice Date .......... _____     Ship To Cust #. _____
   Ship Date ............. _____     Supplier ID.... _____
   Cust Abbrev ........... _____        Dest ID # ..... _____
   Dest Abbrev ........... _____

      F10=Delete    F12=Return
```

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

> Transmit Code - O - Original
>
> T - Transmitted
>
> Shipper - Shipper number associated with this invoice.
>
> Invoice Date - Defaults to the system date in MM-DD-YY format when adding an invoice.

Ship To Cust # - User-defined destination number entered in the destination master.

Ship Date - The date in MM-DD-YY format when the shipment left the plant.

Supplier ID - The plant code entered in the Identification Code file. It could be changed through shipper maintenance or invoice maintenance.

Cust Abbrev - The abbreviation for this customer as entered in the machine readable file.

Destination ID # - OEM-assigned code for the destination plant as entered in the machine readable file.

Parts & Service Note: The DUNs number 122092406 must be entered for Parts and Service destinations.

Dest Abbrev - The abbreviation for this destination as entered in the machine readable file.

F6 - Add Part

(From the line item screen, or press Enter from the header screen when manually adding an invoice.)

This function displays the detail screen.

Detail Screen

```
             NAVISTAR ELECTRONIC INVOICE MAINTENANCE

   Company Number ...  __                   Invoice Number ...  _____

                    LINE ITEM INFORMATION

   Part Number .....  _____  P.O. ‡ _____  Quantity .
   _____
   Customer Part ‡ .  _____   U of M ...  ___
   Unit Price(6 dec)  _____   Replacement Part ‡ (Y/N) ......  _
   Container Part...  _                   Currency Code....  ___


 F12=Return
```

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

Part Number - In-house part number.

P.O. # - Purchase order number assigned by Navistar.

Quantity - Number of parts to invoice.

Cust Part # - Navistar's part number entered in the Parts Cross Reference file.

U of M - Unit of measure abbreviation retrieved from the Unit of Measure Cross Reference file, when the reprint invoice prompt is answered with "N." The unit of measure can be changed. A warning message displays if the unit of measure entered here does not match the unit of measure entered in the Unit of Measure Cross Reference file.

Valid unit of measure codes include:

EA - Each

PC - Piece

Transmitted in the IT1 03 segment.

Unit Price - The price for a single part entered to six decimal points. If entering decimal positions, enter the unit price with the decimal point and up to six decimal positions. If entering a whole number (no decimal places), it is not necessary to enter the decimal points.

Replace Part # - Enter "Y" if this is a replacement part. Enter "N" if this is not a replacement part.

Container Part - Enter "Y" if this is a returnable container. Enter "N" if this is not a returnable container.

Currency Code - Retrieved from the Type of Funds field in the price master. The currency code must be the same for all line items in a single invoice. Valid currency codes include:

CAD - Canadian Dollars

MXP - Mexican Pesos

USD - United States Dollars

Transmitted in the CUR 02 segment.

F7 - Add Misc Charge

(From the Line Item Screen)

This function applies the miscellaneous charge to the entire invoice (this is not for miscellaneous charges associated with a specific line item).

Miscellaneous Charge Screen--Entire Invoice

```
                    ELECTRONIC INVOICE MAINTENANCE

    Company Number ... __              Invoice Number ... _____

                    MISC CHARGE INFORMATION


    Misc.       Credit
    Charge Code   Memo   Price (6 dec)   Quantity   UM   Charge Description
    _____     _    _____   _____   __
    _____

    Tax Qual   Tax Rate (5)
     __         _____
```

The edits for the Navistar Service Electronic Invoice (810) special services code have changed. A880, C310,C401, C530, C590, F180, G530 and H550 are no longer valid and have been removed. D220, D240 and G760 are the only valid summary charges. The part charges B750, E170, F155 remain because these charges are rolled into the part price if used.

Misc Charge - Miscellaneous charge codes pertaining to the entire invoice.
Code transmitted in the SAC 02 segment. Valid Production codes include:
A721 - Brokerage
B860 - Customs Broker Fee
C531 - Duty Drawback
E820 - Non-Returnable Containers
F150 - Packaging Service
F160 - Painting (Primer or Finish)
F190 - Palletizing
F430 - Plating
F680 - Price Deviation
G400 - Repair
G590 - Salvage
G660 - Scrap Allowance
I110 - Tooling

Valid Parts and Service codes include:
B750 - Core Charge
D220 - Freight Pass through
E170 - Labeling

Valid codes for both Production and Parts and Service include:
D240 - Freight
F155 - Packaging
G760 - Set-up

Credit Memo - The default is "N" for "no." Change to "Y" if this is an allowance rather than a charge, and enter the quantity using the field minus (-) key to transmit a negative number.

Note: If "Y" was entered at shipping time, the quantity was entered as a positive number, and the "Y" in the Credit Memo field changed it to a negative. If a miscellaneous charge record was entered at shipper time, it was passed to the Electronic Invoice file as a negative and with a "Y" in the Credit Memo field. To change a credit record that was passed from shipping, enter the new quantity with the field minus (-) key.

Price (6) - Amount of the miscellaneous charge entered to six decimal places. If entering decimal positions, enter the price with the decimal point and up to six decimal positions. If entering a whole number (no decimal places), it is not necessary to enter the decimal point.

Quantity - The number of parts to be invoiced.

UM - Unit of measure abbreviation retrieved from the Unit of Measure Cross Reference file, when the reprint invoice prompt is answered with "N." The unit of measure can be changed. A warning message is displayed if the unit of measure entered here does not match the unit of measure entered in the Unit of Measure Cross Reference file. Unit of measure codes are transmitted in the IT1 03 segment.

Valid values include:
EA - Each
PC - Piece

Charge Desc - The description of this charge.

Tax Qual - Valid qualifiers are transmitted in the TXI 01 segment and include:
EV - Environmental Tax (EV)
GS - Goods and Service Tax (GS)
LS - Quebec Sales Tax (QST)
ZZ - Harmonic Sales Tax (HST)

Tax Rate (5) - The tax rate to be used when calculating this tax to five decimal places. If entering decimal positions, enter the rate with the decimal point and up to five decimal positions. If entering a whole number (no decimal places), it is not necessary to enter the decimal point.

F7 - Add Misc Charge

(From the Detail Screen)

This function applies the miscellaneous charge to a line item (not for miscellaneous charges associated with a specific line item).

Miscellaneous Charge Screen--Specific Line Item

```
                    ELECTRONIC INVOICE MAINTENANCE

        Company Number ... __              Invoice Number ... _____

                       MISC CHARGE INFORMATION
     Misc.    Credit
  Charge Code  Memo  Price (6 dec)   Quantity  UM  Charge Description
  _____   _   _____   _____   __
  _____

  Tax Qual   Tax Rate (5)
     __        _____
```

Misc Charge - Miscellaneous charge codes pertaining to a specific line item. Code transmitted in the SAC 02 segment.

Valid Production codes include:
A721 - Brokerage
B860 - Customs Broker Fee
C531 - Duty Drawback
E820 - Non-Returnable Containers
F150 - Packaging Service
F160 - Painting (Primer or Finish)
F190 - Palletizing

F430 - Plating
F680 - Price Deviation
G400 - Repair
G590 - Salvage
G660 - Scrap Allowance
I110 - Tooling

Valid Parts and Service codes include:

B750 - Core Charge
C310 - Discount
C401 - Document Handling
C530 - Duty Charge
C590 - Emergency Surcharge
D220 - Freight Pass through
E170 - Labeling

Valid codes for both Production and Parts and Service include:

A880 - Cancellation Charge
D240 - Freight
F155 - Packaging
F180 - Pallet
G530 - Rework
G760 - Set-up
H550 - Surcharge

Credit Memo - The default is "N" for "no." Change to "Y" if this is an allowance rather than a charge and enter the quantity using the field minus (-) key to transmit a negative number.

Note: If "Y" was entered at shipping time, the quantity was entered as a positive number and the "Y" in the Credit Memo field changed it to a negative. If a miscellaneous charge record was entered at shipper time, it was passed to the Electronic Invoice file as a negative and with a "Y" in the Credit Memo field. To change a credit record that was passed from shipping, enter the new quantity with the field minus (-) key.

Price (6) - Amount of the miscellaneous charge entered to six decimal places. If entering decimal positions, enter the price with the decimal point and up to six decimal positions. If entering a whole number (no decimal places), it is not necessary to enter the decimal point.

Quantity - The number of parts to be invoiced.

UM - Unit of measure abbreviation retrieved from the Unit of Measure Cross Reference file, when the reprint invoice prompt is answered with "N." The unit of measure can be changed. A warning message displays if the unit of measure entered here does not match the unit of measure entered in the Unit of Measure Cross Reference file. Transmitted in the IT1 05 segment. Valid codes include:
EA - Each
PC - Piece

Charge Desc. - The description of this charge.

Tax Qual - Transmitted in the TXI 01 segment. Valid qualifiers include:
EV - Environmental Tax (EV)

Tax Rate (5) - The tax rate to be used when calculating this tax to five decimal places. If entering decimal positions, enter the rate with the decimal point and up to five decimal positions. If entering a whole number (no decimal places), it is not necessary to enter the decimal point.

Create/Transmit Invoices

(Option 3 on the VL75 menu)

This option is used to select invoice(s) to be included in the file to be transmitted. The invoices are checked for errors and an error report prints. The Invoice File (VPS10A) is created and the communication procedure is initiated.

Pay Point Supplier Code

Warning: A 7-digit, buyer-assigned Pay Point Supplier Code is required in the Remit to DUNS# field in the Identification Code file and is placed in the N1*RI segment during the create and transmit. If the Pay Point Supplier Code was not entered, the plant ID is placed in this field and transmitted on the 810.

File Setup

Destination Master File

In the Destination Master file, set the Print Invoices and Create Invoices flags to "Y" as shown below.

```
SCD6300B              MAINTAIN DESTINATION MASTER FILE


Company Number ............ 01   TEST COMPANY
Destination Number ........     456
Name 1 .....                    FOB ...............
Name 2 .....                    Distributor Code ..
Address 1 ..                    Ford Dest Code .........
Address 2 ..                    ASN/DESADV (B/C/N/O/V/Y) V
Address 3 ..                    GM Msg/Temp Msg Code ...    /
City/State .                    GM Std Loc/Ford Rt Cd 2.
Zip Code ...                    Carrier Preference .....
Country ....                    Route Code / HMRS (Y/N).
                                Honda Destination ......
Arrival/Ship Dates (A/S) ..... S   Supplier Type (P/S) ....
Delivery Travel Time (Hrs/Min)     ASN Unit of Measure ....
Delivery Travel Time (Days) ..     JIT Location (Y/N) .....
                                   Bar Code Verif (Y/N/C)..
 Available Ship Days (X = Select)  Print Invoices (Y/N) ... Y
 S   M   T   W   H   F   S         Create Invoices (Y/N) .. Y
                                   Payment Type: Coll    PP    PPI
                                   Dealer Code .......
 F1=Help   F10=Delete   F12=Return Cat Europe Ult Dest ....
```

Machine Readable File

In the Destination Abbreviation Record of the Machine Readable File, set the Electronic Invoices flag to "Y" as shown below.

```
                    DESTINATION ABBREVIATION RECORD

        Company Number ............... 01
        OEM Code ..................... EA
        Identification Number .......
        Dock Location ...............

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

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 communication method used by this trading partner and network profile, when applicable.

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.