International Motors, LLC

INTERNATIONAL®

PARTS OPERATIONS

EDI 830-850-860 BUSINESS PROCESS GUIDE

INTERNATIONAL® Service Parts EDI 830-850-860 Business Process Guide		Document Number: PUR-2047-MA Revision: 5.0 Revision Date: October 23, 2024
Written by: Applications Analyst	*Reviewed/ Approved by:* EDI Manager	*This Document Applies to:* *Truck Engine X Service Parts*

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1. Business Procedure Overview

INTERNATIONAL'S Service Parts Operations uses a daily ordering system where orders are issued as needed enabling us to react to our customer's requirements, and provide our suppliers with adequate lead-time.

A scan of our parts provides advance warning that an order needs to be placed, utilizing lead-time. However, if an emergency arises, we will ask our suppliers to ship earlier than lead-time. Economic order, binning and receiving costs are utilized to determine how often a part is ordered. Slow moving parts are ordered less frequently.

Success of our system depends on rapid and accurate communications, which means that EDI is our preferred method of communication. Electronic Data Interchange (EDI) is the electronic exchange of routine business transactions (purchase orders, material releases, shipment notifications, etc.) using standard data formats and integrating them into software applications and business processes.

1.1 Frequency and Responsiveness

INTERNATIONAL generates EDI at 10 minute intervals – for example 12:00 am, 12:10 am, 12:20 am, etc. throughout the day with the exception of OFF-HOURS. ***INTERNATIONAL*** Service Parts sends Purchase Orders **(EDI 850)**, and Purchase Order changes **(EDI 860)** to suppliers throughout the day as they are generated. ***INTERNATIONAL*** Service Parts sends the Planning Schedule **(EDI 830)** once a month as part of month-end processing.

1.2 Availability

INTERNATIONAL'S processing occurs 7 days a week based on the following hours. International will process EDI transactions every 10 minutes during the process window.

International EDI Transaction Processing Window

	From	To
Monday-Friday	00:00 hrs	23:00 hrs
Saturday	00:00 hrs	17:30 hrs
Sunday	22:00 hrs	00:00 hrs

All times are for the Central Time Zone.

Any EDI transactions submitted to ***INTERNATIONAL*** during a downtime will remain in ***INTERNATIONAL'S*** mailbox until the process is resumed.

1.3 Off Hours

For Off-Hours Support, ***INTERNATIONAL*** provides a voice mail system for the EDI Coordinator - call (331) 332-6859. Suppliers should leave a message indicating the problem and any related information available about the problem along with a contact and telephone number. Questions regarding order content should be referred to your normal Order Contact in the Service Parts Organization.

Any EDI transactions that are sent to ***INTERNATIONAL*** by the supplier will be retained in ***INTERNATIONAL'S*** mailbox until International's system becomes available. Any EDI transactions that ***INTERNATIONAL*** has to deliver to supplier will be retained and distributed as soon as ***INTERNATIONAL'S*** system becomes available.

1.4 NAVISTAR'S Expectations of Suppliers

INTERNATIONAL expects the supplier to receive and process our transactions hourly in compliance with our business process defined in detail in Sections 2, 2.1, 2.2, 2.3 and 3. While we realize that not every Parts supplier is currently communicating via EDI, we are striving toward a 100% commitment to electronic communication in the future. ANSI X-12 and Automotive Industry Implementation Guides (AIAG) support the EDI transactions.

INTERNATIONAL'S supplier website **(**www.navistarsupplier.com**)** contains General Documents, Implementation Guides, and Business Process Guides.

Our documentation is available on our website www.navistarsupplier.com. From the gray bar on the left:

- Implementation Guides, select EDI, Implementation Guides
- Quick Receive Label Requirements, select Logistics, Quick Receive Guideline
- Label Requirements, select Logistics, D13-Packaging Specification (label examples can be found starting on page 30)
- Ship to Codes for Service Parts, select EDI, General, Appendix of Ship to Location Codes (the ship to codes for Service Parts start on page 10)
- 824 Error Code Listing, select EDI, General, Appendix of 824 Error Codes (the error codes for Service Parts start on page 6)

1.5 Impact on INTERNATIONAL'S Supplier Scorecard System

Failure to acknowledge **EDI 850, 860** or **830** with an **EDI 997 (Functional Acknowledgment)** or failure to process all orders as expected by ***INTERNATIONAL*** will result in a penalty on Supplier's Scorecard Rating.

2. Business Definitions and Examples of Paper Documents vs. EDI used in our Oracle System

Transaction Sets - This section conveys some of the unique features of each transaction set generated by our Oracle System along with an explanation of each transaction set and paper documents that will be utilized by Service Parts Operations**.**

830 - (Plan Monthly Requirements)

850 - (Contract and Requisition Purchase Order)

860 - (Contract and Requisition Purchase Order Revision)

2.1 EDI 830 (Material Release) - Monthly Plan Requirements

INTERNATIONAL Service Parts Operations uses the 830 (Material Release) to communicate **PLAN** schedules only. The transaction is sent once a month, at the end of the month, and depicts monthly quantities for a 12-month horizon. This transaction set is sent to all suppliers who have parts on current Parts Operations contracts. The 830 will not convey a ship to code, but will provide the release issuer – 783 – which represents ***INTERNATIONAL*** World Headquarters, Service Parts Operations. ***INTERNATIONAL*** expects all suppliers to review the monthly plan requirements to ensure they can meet our demand.

The Monthly Plan Requirements can be communicated via EDI 830 or email for those suppliers not on EDI. It is also available on the iSupplier portal.

Please see Exhibit 2 – iSupplier Portal Forecast Example.

2.2 EDI 850 (Original Purchase Order)

The 850 (Original Purchase Order) is communicated throughout the day. It is our expectation that suppliers will pull the data throughout the day, considering we send emergency as well as replenishment orders. Each purchase order has a unique supplier code, shipping destination and expected ship date, and may have multiple items. This covers both contract and requisition purchase orders. The purchase order number on the 850 **MUST BE** referenced on the Invoice, ASN and the Packing Slip.

The Original Purchase Order can be communicated via EDI 850, email or fax.

Below is the process for dispatching 850's:

- If the supplier is EDI, the 850 will be sent via EDI.
- If the supplier is not EDI, and iSupplier portal enabled, they must go to the portal to retrieve their purchase orders.
- If the supplier is not EDI or iSupplier portal enabled, purchase orders are sent via email.
- If the supplier is not EDI or iSupplier portal enabled and we do not have an email address on file, the Planner is notified to communicate the purchase order to the supplier.

If the supplier is iSupplier portal enabled, they should access the portal frequently to view orders and notifications. It is recommended that the portal is accessed several times daily, even if purchase orders are received via EDI.

2.3 EDI 860 (Purchase Order Revision)

The 860 (Purchase Order Revision) is communicated throughout the day. An unexpected or emergency condition can result in a change to the original 850. This change may reflect a change to the Ship to Code, Supplier Site Code, Purchase Order Quantity or Expected Ship Date. Lines can be added and removed on multiple line purchase orders. This applies to both contract and requisition purchase orders.

INTERNATIONAL expects all suppliers to be able to handle the changes that ***INTERNATIONAL*** sends in the 860 purchase order change or on the emailed PDF version of the change.

INTERNATIONAL expects suppliers to use duplicate checking against the original purchase order and compare the purchase order change to the original to see what has actually changed.

If the supplier cannot handle a certain condition in their system, they need to set an internal flag to handle manually with ***INTERNATIONAL'S*** Planner. For instance, if they cannot change a ship to code, they need to work through it with their ***INTERNATIONAL*** Planner to determine if the original purchase order should be cancelled and a new one created with the ship to code that is needed along with an agreement that lead-time will not be lost. A ship to code would never be changed if there is an existing partial receipt on the purchase order.

Listed is a summary of EDI Revision Codes for the 860:

Code	Description
CT - Change Date	Expected Ship Date Change
RQ - Change Quantity (but not zero)	Quantity Change
CF - Cancel Total Order (zero)	Order Completely Cancelled
PC - Price Change	Price Change
RZ – Replace All Values	Quantity, Expected Ship Date, Ship to Code Change

3. Business Process Guide Revisions – 850 & 860 for DPAS Regulation

"The Department of Defense has authority under the Defense Priorities and Allocations System (DPAS) (15 CFR 700) to place industrial priority ratings on its contracts. DoD uses two ratings: **"DO" and "DX."**.

If necessary to meet required delivery dates at any level in the supply chain, DO-rated orders must be given production preference over unrated (commercial) orders, and DX-rated orders must be given preference over DO-rated orders and unrated orders".

All Military DPAS rated orders issued by *INTERNATIONAL* will contain note (NTE) segments at the header level conveying the following message:

"This is a rated order certified for national defense use and you are required to follow all the provisions of the Defense Priorities and Allocations System regulation (15 CFR part 700). Additional contract information furnished upon request."

All Military DPAS rated orders issued by *INTERNATIONAL* will contain the DPAS rating in a REF segment at the detail level with either of the following values: *"DX or DO"*

4. Proper use of the Purchase Order Number on the Invoice, ASN & Packing Slip

If you receive purchase orders via EDI the purchase order number that should appear on the Invoice, ASN and Packing Slip is the order number identified in the BEG segment of the 850.

If you receive purchase orders via email or fax the purchase order number that should appear on the Invoice and Packing slip should always be the purchase order number in the Purchase Order Box.

INTERNATIONAL expects invoices by paper or electronic, not both. If sending electronic invoices (810), paper invoices are not sent.

INTERNATIONAL expects that your invoice and packing slip include all parts and purchase orders for a given shipment. This is preferred over receiving the invoice and packing slip with a part/purchase order on each document.

Please see Exhibit 1 – Packing Slip Example.

5. INTERNATIONAL Service Parts ASN Requirements

Before a supplier is approved to send ASN's for Service Parts shipments, they must agree to comply with the following:

- All Suppliers to ***INTERNATIONAL*** - Service Parts Division must send accurate and timely ASN's with their shipments – within 15 minutes of the shipment leaving their shipping location.
- Receive a 997 Functional Acknowledgement. The 997 advises that the ASN was Accepted or Rejected. ***INTERNATIONAL*** expects suppliers to monitor these and respond to rejected ASN's with a corrected ASN – within an hour of receiving the rejection.
- Receive an 824 Application Advice. An 824 is sent only when the submitted ASN has data integrity errors. ***INTERNATIONAL*** expects suppliers to monitor these and respond with a corrected ASN – within an hour of receiving the rejection.
- A pallet breakdown is required on the packing slip or a pallet manifest must be provided for all shipments. This information will include the part number, quantity, purchase order number and pallet ID.
- Include the Quick Receive Label (QRL) on the packing slip.
- QRL must display the exact ship ID (ASN) number and supplier code that is in the ASN. (ASN Number from BSN02 & Supplier Code from N104 with SU qualifier).
- Only one ASN is allowed per shipment regardless of how many purchase orders are shipped.
- ASN number is not to be repeated within a year.
- ASN must contain the package ID number(s) (pallet ID) in the Tare hierarchical loop(s) (REF02 with LS qualifier) for each high level container. The package ID number can be found on the AIAG Shipping label(s) affixed to the container(s) that are being shipped. Note: Some software providers refer to this as the bar-code serial number or label serial number.
- The package ID number (pallet ID) cannot be longer than 11 positions with the last 5 being unique and is not to be repeated within the ASN.
- MPORTANT: We expect each high level container to be uniquely identified in the ASN. Subsequently, we expect all parts in each container to immediately follow the identified container. For example, a shipment of 2 pallets (each containing 10 cartons) and 1 loose box would require 3 Tare loops - one for each container. Each Tare loop must be followed by item loop(s) identifying the part, quantity and purchase order that are in each container.

5. INTERNATIONAL Service Parts ASN Requirements (continued)

- For UPS shipments with multiple cartons shipping to the same PDC, we need the following:
  - One ASN number per shipment
  - Each carton to contain one copy of the packing slip with QRL
  - Number each carton 1 of 5, 2 of 5, 3 of 5, etc.
  - Each carton should also have a master ship label with a unique package ID number in addition to the UPS label
- Work with Penny Pelak at penny.pelak@international.com or Carmichael Galang at carmichael.galang@international.com to have your shipping and QRL approved. You can also contact Penny or Carmichael if you have questions about packaging.

If your company does not comply with all of the above requirements and a shipment arrives without all of the necessary labels and paper work or the ASN is missing, your company will be debited $500 for each shipment that does not comply. ***INTERNATIONAL*** does allow a 30 day grace period. During the 30 day grace period we will not charge $500 for shipments that are not in compliance. To begin your 30 day grace period, it is imperative that you send an email to Nancy Brown at nancy.brown@international.com when you send your first Service Parts ASN – with a copy to the EDI contacts as well. This is the date that your 30 day grace period will start.

6. Frequently Asked Questions

Do I ship against the Service Parts 830?

The Service Parts 830 (forecast) is sent to communicate plan schedules only. It is sent once a month (at the end of the month), and depicts monthly quantities for a 12-month horizon. The most recent Service Parts 830 that you receive overrides the previous one. You would never ship against the Service Parts 830 as it does not contain purchase order numbers or ship to information. It can be sent via EDI or iSupplier portal. Please see Exhibit 2 – iSupplier Portal Forecast Example.

I am currently EDI compliant; do I still need the iSupplier portal?

Yes, the iSupplier portal is our online communication tool. It is a central Web Interface for Suppliers and ***INTERNATIONAL*** Parts to exchange information only.

6. Frequently Asked Questions (continued)

*Why does **INTERNATIONAL** use Version 3040NAV for the 850 and 860?*

International uses version 3040NAV because the packaging requirements for our EDI program are represented in this version.

Listed are the International packaging codes:

BAG79
BLK71
COL71 (Coil, Tie and Identify)
CRT94
CTN76
ENV76
PKG71 (Special Packaging)
PLT94
SLV76 (Belt Sleeve)
WRP89 (Rustproof)

7. Exhibits

The following exhibits are examples of a Packing Slip and the iSupplier Monthly Forecast.

Exhibit 1 – Packing Slip Example

(SUPPLIER'S LOGO)

Shipment ID: 107562
Service Parts Vendor Code: 4800360
Packing Slip: 7292588
Bill of Lading: 107562

Ship Date: 6/25/2011

Sold To: International, Inc.
Caller Service#59009
V.C. 48003AX
Knoxville, TN 37950

Ship To: International, Inc., York PDC
105 Steamboat Blvd
Manchester, PA 17345
U.S.A.

QUANTITY ORDERED	INT'L PART#	UOM	SUPPLIER PART#	DESCRIPTION	WEIGHT (EACH)	CONTAINER SERIAL#	INT'L P.O.#
100	418227C1	EA	6541891	FLANGE	15.52lbs	255780	300034341
2	2031765C3	EA	1004901	BUMPER	105lbs	255781	300342140
20	1698107C1	EA	1283621	SUPPORT	.200lbs	255781	300418321

Quick Receive
(2S) ASN SHIPMENT ID
107562
(V) VENDOR ID
4800360

Exhibit 2 – iSupplier Portal Forecast Example

Horizon Start Date **01-Jan-2012**
Horizon End Date **31-Dec-2012**

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Item	Supplier Item	Description	Bucket 1	Bucket 2	Bucket 3	Bucket 4	Bucket 5	Bucket 6	Bucket 7	Bucket 8	Bucket 9	Bucket 10	Bucket 11	Bucket 12
			Month 01-JAN-2012	Month 01-FEB-2012	Month 01-MAR-2012	Month 01-APR-2012	Month 01-MAY-2012	Month 01-JUN-2012	Month 01-JUL-2012	Month 01-AUG-2012	Month 01-SEP-2012	Month 01-OCT-2012	Month 01-NOV-2012	Month 01-DEC-2012
3586320C92		HOSE ASSY COMPR TO COND	0	0	0	0	6	0	9	2	16	0	10	7
3626411C93		HOSE ASSY EVAP TO COMPR	0	0	5	0	4	0	0	0	3	0	0	0
3860207C91		HOSE A/C COMP TO COND 2010 I	0	0	0	0	0	0	0	0	40	0	0	0
3704170C3		HOSE,HEATER, ASSY-RETURN SHT S	0	0	0	0	0	0	0	0	0	0	10	0
YF-3436		HOSE,FLEX REFRIGERANT	0	0	0	0	0	0	0	0	12	0	12	0
3869462C93		HOSE A/C EVAP TO COMP 2010 W	0	0	0	0	0	0	0	0	0	0	0	0
3544705C1		CAP,RERIG FITTING	0	0	0	0	0	48	0	0	96	0	96	0
2005845C94		HOSE,ASSY COMPR TO COND	0	0	47	172	148	332	0	77	37	41	0	15
YF-2971		HOSE ASSY A/C ACCUMLRT TO	0	0	0	0	0	0	0	0	1	3	0	0

EDI COMMUNICATION PROBLEMS / BUSINESS QUESTIONS

If you experience problems with electronic communications (either sending or receiving), OR if you have any questions about the paper forms or business changes outlined in this document, please call:

Priscilla Brady at (331) 332-6859 or Jamie Koutnik at (331) 332-6690