

# International Motors, LLC

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# INTERNATIONAL<sup>®</sup>

## EDI 862 – Shipping Schedule

**VERSION:  
ANSI ASC X12  
Version Release 2040**

<div>INTERNATIONAL<sup>®</sup></div> <div>EDI 862 Implementation Guide</div>	Document Number: <div>PUR-2012</div>	
	Revision: <div>6.0</div>	
	Revision Date: <div>October 15, 2024</div>	
Written by: <div>Applications Analyst</div>	Reviewed/ Approved by: <div>EDI Manager</div>	<div>This Document Applies to:</div> <div>X Truck</div>

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**862****Shipping Schedule****Functional Group=SS**

This standard provides the format and establishes the data contents of a shipping schedule transaction set within the context of an electronic data interchange (EDI) environment. The shipping schedule transaction set provides the ability for a customer to convey precise shipping schedule requirements to a supplier, and is intended to supplement the planning schedule transaction set (830). The shipping schedule transaction set will supersede certain shipping and delivery information transmitted in a previous planning schedule transaction, but it does not replace the 830 transaction set. The shipping schedule transaction set shall not be used to authorize labor, materials or other resources.

The use of this transaction set will facilitate the practice of Just-In-Time (JIT) manufacturing by providing the customer with a mechanism to issue precise shipping schedule requirements on a more frequent basis than with the issuance of a planning schedule transaction, e.g. daily shipping schedules versus weekly planning schedules. The shipping schedule transaction also provides the ability for a customer location to issue shipping requirements independent of other customer locations when planning schedule transactions are issued by a consolidated scheduling organization.

**Heading:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Used
020	BSS	Beginning Segment for Shipping Schedule	M	1			Used
030	DTM	Date/Time Reference	O	10			Not used
040	NTE	Note/Special Instruction	OT	100			Not used
<b><u>LOOP ID - N1</u></b>					<b><u>200</u></b>		
050	N1	Name	O	1			Used
060	N2	Additional Name Information	O	2			Not Used
070	N3	Address Information	O	1			Not Used
080	N4	Geographic Location	O	1			Not Used
090	REF	Reference Numbers	O	12			Not Used
100	PER	Administrative Communications Contact	O	3			Used
110	FOB	F.O.B. Related Instructions	O	1			Not Used

**Detail:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b><u>LOOP ID - LIN</u></b>					<b><u>10000</u></b>		
010	LIN	Item Identification	M	1			Used
020	UIT	Unit Detail	M	1			Used
030	PO4	Item Physical Details	O	>1			Not Used
040	PKG	Marking, Packaging, Loading	O	>1			Not Used
050	REF	Reference Numbers	O	12			Not Used
060	PER	Administrative Communications Contact	O	1			Not Used
070	SDP	Ship/Delivery Pattern	O	1			Used
<b><u>LOOP ID - FST</u></b>					<b><u>100</u></b>		
080	FST	Forecast Schedule	O	1			Used
090	DTM	Date/Time Reference	O	>1			Not Used
100	SDQ	Destination Quantity	O	>1			Not Used
<b><u>LOOP ID - JIT</u></b>					<b><u>24</u></b>		
110	JIT	Just-In-Time Schedule	O	1			Not Used
120	REF	Reference Numbers	O	500			Not Used
130	ATH	Resource Authorization	O	1			Not Used
<b><u>LOOP ID - SHP</u></b>					<b><u>10</u></b>		
140	SHP	Shipped/Received Information	O	1			Used
150	REF	Reference Numbers	O	12			Not Used
160	TD1	Carrier Details (Quantity and Weight)	O	1			Not Used
170	TD3	Carrier Details (Equipment)	O	1			Not Used

**Summary:**

International Truck and Engine Corporation			X12V2040			Shipping Schedule - 862	
<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	M	1		N3/010	Used
020	SE	Transaction Set Trailer	M	1			Used

**Notes:**

3/010      The number of lines items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the value of the quantities (FST01) for each FST segment.

ST

Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option(Usage):           Used

To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Used				
Description:										
Code uniquely identifying a Transaction Set.										
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>862</td><td>X12.37 Shipping Schedule</td></tr></table>	<u>Code</u>	<u>Name</u>	862	X12.37 Shipping Schedule				
<u>Code</u>	<u>Name</u>									
862	X12.37 Shipping Schedule									
ST02	329	Transaction Set Control Number	M	AN	4/9	Used				
Description:										
Identifying control number assigned by the originator for a transaction set.										

Comments:

1.
- The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

All

Example:  
ST\*862\*0001 n/l

BSS

Beginning Segment for Shipping Schedule

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 11

User Option(Usage):           Used

To indicate the beginning of a shipping schedule.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
BSS01	353	<b>Transaction Set Purpose Code</b> <b>Description:</b> Code identifying purpose of transaction set. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>00</td><td>Original</td></tr><tr><td>04</td><td>Change</td></tr><tr><td>05</td><td>Replace</td></tr></table>	<u>Code</u>	<u>Name</u>	00	Original	04	Change	05	Replace	M	ID	2/2	Used
<u>Code</u>	<u>Name</u>													
00	Original													
04	Change													
05	Replace													
BSS02	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. <table><tr><th>Truck</th></tr><tr><td>International Truck will send "1790" in this field.</td></tr><tr><th>Engine</th></tr><tr><td>International Engine will send "862" in this field.</td></tr><tr><th>Service Parts</th></tr><tr><td>International Service Parts will send "862" in this field.</td></tr></table>	Truck	International Truck will send "1790" in this field.	Engine	International Engine will send "862" in this field.	Service Parts	International Service Parts will send "862" in this field.	M	AN	1/30	Used		
Truck														
International Truck will send "1790" in this field.														
Engine														
International Engine will send "862" in this field.														
Service Parts														
International Service Parts will send "862" in this field.														
BSS03	373	<b>Date</b> <b>Description:</b> Date (YYMMDD).	M	DT	6/6	Used								
BSS04	675	<b>Schedule Type Qualifier</b> <b>Description:</b> Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>DL</td><td>Delivery Based</td></tr><tr><td>SH</td><td>Shipment Based</td></tr></table>	<u>Code</u>	<u>Name</u>	DL	Delivery Based	SH	Shipment Based	M	ID	2/2	Used		
<u>Code</u>	<u>Name</u>													
DL	Delivery Based													
SH	Shipment Based													
BSS05	373	<b>Date</b> <b>Description:</b> Date (YYMMDD).	M	DT	6/6	Used								
BSS06	373	<b>Date</b> <b>Description:</b> Date (YYMMDD).	M	DT	6/6	Used								
BSS07	328	<b>Release Number</b> <b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction. <table><tr><th>Truck</th></tr><tr><td>The first six characters contain the International Plant Code, followed by seven character Supplier Code, followed by the date of the release (YYMMDD).</td></tr><tr><th>Engine</th></tr><tr><td>Not Used.</td></tr><tr><th>Service Parts</th></tr><tr><td>The first six characters contain the International Plant Code, followed by seven character Supplier Code, followed by the date of</td></tr></table>	Truck	The first six characters contain the International Plant Code, followed by seven character Supplier Code, followed by the date of the release (YYMMDD).	Engine	Not Used.	Service Parts	The first six characters contain the International Plant Code, followed by seven character Supplier Code, followed by the date of	C	AN	1/30	Used		
Truck														
The first six characters contain the International Plant Code, followed by seven character Supplier Code, followed by the date of the release (YYMMDD).														
Engine														
Not Used.														
Service Parts														
The first six characters contain the International Plant Code, followed by seven character Supplier Code, followed by the date of														

International Truck and Engine Corporation			X12V2040			Shipping Schedule - 862	
the release (YYMMDD).							
BSS08	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN	1/30	Not used	
BSS09	367	<b>Contract Number</b> <b>Description:</b> Contract number.	O	AN	1/30	Not used	
BSS10	324	<b>Purchase Order Number</b> <b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser.	O	AN	1/22	Used	
BSS11	676	<b>Schedule Quantity Qualifier</b> <b>Description:</b> Code identifying the type of quantities used when defining a schedule or forecast.	O	ID	1/1	Used	
		<u><b>Code</b></u>	<u><b>Name</b></u>				
		A	Actual Discreet Quantities				
		C	Cumulative Quantities				
		D	Net Change Quantities				
		R	Replacement Quantities				

Syntax:

1.      Eithe - Only one of BSSit,BSShe may be presented

Comments:

1.      Use BSS02 to indicate a document number.
2.      Use BSS03 to indicate the date of this document.
3.      Use BSS05 to indicate the schedule horizon start date (the date when the schedule begins.)
4.      Use BSS06 to indicate the schedule horizon end date (the date when the schedule ends.)
5.      BSS08 is the identifying number for a forecast assigned by the orderer/purchaser.

<b>Truck</b>
Example: BSS*05*1790*900105*DL*900105*900201*002ASM7068710900919****A N/L
<b>Engine</b>
Example: BSS*00*862*000606*DL*000606*000626****P000001*A N/L
<b>Service Parts</b>
Example: BSS*00*862*950801*DL*950815*950815*783 2224560950801***123456789 N/L

Loop N1

Pos: 050

Repeat: 200

Optional

Loop: N1

Elements: N/A

To identify a party by type of organization, name and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	N1	Name	O	1		Used
100	PER	Administrative Communications Contact	O	3		Used

Truck

Examples:  
N1\*ST\*\*92\*002ASM N/L  
N1\*SU\*\*92\*7068710 N/L  
N1\*PK\*\*92\*12345X1 N/L

Engine

Examples:  
N1\*ST\*\*92\*040 N/L  
N1\*SU\*\*92\*87878S1 N/L

Service Parts

Example:  
N1\*SU\*\*92\*2224560 N/L  
N1\*MI\*\*92\*783 N/L  
N1\*ST\*\*92\*770-0770 N/L

N1

Name

Pos: 050

Max: 1

Heading - Optional

Loop: N1

Elements: 4

User Option(Usage):           Used

To identify a party by type of organization, name and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>												
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity or a physical location.	M	ID	2/2	Used												
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>MI</td><td>Planning Schedule/Material Release Issuer</td></tr><tr><td>PK</td><td>Party to Receive Copy</td></tr><tr><td>SI</td><td>Shipping Schedule Issuer</td></tr><tr><td>ST</td><td>Ship To</td></tr><tr><td>SU</td><td>Supplier/Manufacturer</td></tr></table>	<u>Code</u>	<u>Name</u>	MI	Planning Schedule/Material Release Issuer	PK	Party to Receive Copy	SI	Shipping Schedule Issuer	ST	Ship To	SU	Supplier/Manufacturer				
<u>Code</u>	<u>Name</u>																	
MI	Planning Schedule/Material Release Issuer																	
PK	Party to Receive Copy																	
SI	Shipping Schedule Issuer																	
ST	Ship To																	
SU	Supplier/Manufacturer																	
N102	93	<b>Name</b> <b>Description:</b> Free-form name.	C	AN	1/35	Not used												
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67).	C	ID	1/2	Used												
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>92</td><td>Assigned by Buyer</td></tr></table>	<u>Code</u>	<u>Name</u>	92	Assigned by Buyer												
<u>Code</u>	<u>Name</u>																	
92	Assigned by Buyer																	
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party.	C	ID	2/17	Used												
		<b>All</b>																
		International assigned Plant or Vendor Code. For Plant ship-to code see document of International Ship Codes.																

Comments:

1.
- This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Truck

Examples:  
N1\*ST\*\*92\*002ASM N/L  
N1\*SU\*\*92\*7068710 N/L  
N1\*PK\*\*92\*12345X1 N/L

Engine

Examples:  
N1\*ST\*\*92\*040 N/L  
N1\*SU\*\*92\*87878S1 N/L

Service Parts

Example:  
N1\*SU\*\*92\*2224560 N/L  
N1\*MI\*\*92\*783 N/L  
N1\*ST\*\*92\*770-0770 N/L



PER

Administrative Communications  
Contact

Pos: 100	Max: 3
Heading - Optional	
Loop: N1	Elements: 4

User Option(Usage):           Used

To identify a person or office to whom administrative communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
PER01	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named.	M	ID	2/2	Used				
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>EX</td><td>Expeditor</td></tr></table>	<u>Code</u>	<u>Name</u>	EX	Expeditor				
<u>Code</u>	<u>Name</u>									
EX	Expeditor									
PER02	93	<b>Name</b> <b>Description:</b> Free-form name.	O	AN	1/35	Used				
		<table><tr><td><b>Truck</b></td></tr><tr><td>International Clerk Codes.</td></tr></table>	<b>Truck</b>	International Clerk Codes.						
<b>Truck</b>										
International Clerk Codes.										
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number.	O	ID	2/2	Not used				
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable.	C	AN	7/21	Not used				

<b>Truck</b>
Example: PER*EX*GF N/L
<b>Engine</b>
Not Used.
<b>Service Parts</b>
Not Used

Loop LIN

Pos: 010Repeat: 10000

Mandatory

Loop: LINElements: N/A

To specify basic item identification data.

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
010	LIN	Item Identification	M	1		Used
020	UIT	Unit Detail	M	1		Used
070	SDP	Ship/Delivery Pattern	O	1		Used
080		Loop FST	O		100	Used
140		Loop SHP	O		10	Used

Truck

Example:  
LIN\*\*BP\*123456C1 N/L

Engine

Example:  
LIN\*\*BP\*123456C1\*PO\*P000001 N/L

Service Parts

Example:  
LIN\*\*BP\*500632C92\*VP\*46211\*PO\*333456789 N/L  
LIN\*\*BP\*386535C1\*PO\*444456789 N/L

LIN

Item Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 31

User Option(Usage):           Used

To specify basic item identification data.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage																		
LIN01	350	<b>Assigned Identification</b> <b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set.	O	AN	1/6	Not used																		
LIN02	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). <table><tr><th>Code</th><th>Name</th></tr><tr><td>BP</td><td>Buyer's Part Number</td></tr><tr><td>EC</td><td>Engineering Change Level</td></tr><tr><td>PO</td><td>Purchase Order Number</td></tr><tr><td>RC</td><td>Returnable Container No.</td></tr><tr><td>RN</td><td>Release Number</td></tr><tr><td>VP</td><td>Vendor's (Seller's) Part Number</td></tr></table>	Code	Name	BP	Buyer's Part Number	EC	Engineering Change Level	PO	Purchase Order Number	RC	Returnable Container No.	RN	Release Number	VP	Vendor's (Seller's) Part Number	M	ID	2/2	Used				
Code	Name																							
BP	Buyer's Part Number																							
EC	Engineering Change Level																							
PO	Purchase Order Number																							
RC	Returnable Container No.																							
RN	Release Number																							
VP	Vendor's (Seller's) Part Number																							
LIN03	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service.	M	AN	1/30	Used																		
LIN04	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). <table><tr><th colspan="2">Truck</th></tr><tr><td colspan="2">Truck will no longer send the 'VP' qualifier.</td></tr><tr><th>Code</th><th>Name</th></tr><tr><td>BP</td><td>Buyer's Part Number</td></tr><tr><td>EC</td><td>Engineering Change Level</td></tr><tr><td>PO</td><td>Purchase Order Number</td></tr><tr><td>RC</td><td>Returnable Container No.</td></tr><tr><td>RN</td><td>Release Number</td></tr><tr><td>VP</td><td>Vendor's (Seller's) Part Number</td></tr></table>	Truck		Truck will no longer send the 'VP' qualifier.		Code	Name	BP	Buyer's Part Number	EC	Engineering Change Level	PO	Purchase Order Number	RC	Returnable Container No.	RN	Release Number	VP	Vendor's (Seller's) Part Number	O	ID	2/2	Used
Truck																								
Truck will no longer send the 'VP' qualifier.																								
Code	Name																							
BP	Buyer's Part Number																							
EC	Engineering Change Level																							
PO	Purchase Order Number																							
RC	Returnable Container No.																							
RN	Release Number																							
VP	Vendor's (Seller's) Part Number																							
LIN05	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service. <table><tr><th colspan="2">Truck</th></tr><tr><td colspan="2">Truck will no longer send a Supplier or Vendor Part number. This would have been qualified with a 'VP' qualifier in the LIN04.</td></tr></table>	Truck		Truck will no longer send a Supplier or Vendor Part number. This would have been qualified with a 'VP' qualifier in the LIN04.		C	AN	1/30	Used														
Truck																								
Truck will no longer send a Supplier or Vendor Part number. This would have been qualified with a 'VP' qualifier in the LIN04.																								
LIN06	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234). <table><tr><th>Code</th><th>Name</th></tr><tr><td>BP</td><td>Buyer's Part Number</td></tr><tr><td>EC</td><td>Engineering Change Level</td></tr><tr><td>PO</td><td>Purchase Order Number</td></tr><tr><td>RC</td><td>Returnable Container No.</td></tr><tr><td>RN</td><td>Release Number</td></tr></table>	Code	Name	BP	Buyer's Part Number	EC	Engineering Change Level	PO	Purchase Order Number	RC	Returnable Container No.	RN	Release Number	O	ID	2/2	Used						
Code	Name																							
BP	Buyer's Part Number																							
EC	Engineering Change Level																							
PO	Purchase Order Number																							
RC	Returnable Container No.																							
RN	Release Number																							

		<u>Code</u>	<u>Name</u>				
		VP	Vendor's (Seller's) Part Number				
LIN07	234	<b>Product/Service ID</b>		C	AN	1/30	Used
		<b>Description:</b>					
		Identifying number for a product or service.					
LIN08	235	<b>Product/Service ID Qualifier</b>		O	ID	2/2	Used
		<b>Description:</b>					
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).					
		<u>Code</u>	<u>Name</u>				
		BP	Buyer's Part Number				
		EC	Engineering Change Level				
		PO	Purchase Order Number				
		RC	Returnable Container No.				
		RN	Release Number				
		VP	Vendor's (Seller's) Part Number				
LIN09	234	<b>Product/Service ID</b>		C	AN	1/30	Used
		<b>Description:</b>					
		Identifying number for a product or service.					
LIN10	235	<b>Product/Service ID Qualifier</b>		O	ID	2/2	Used
		<b>Description:</b>					
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).					
		<u>Code</u>	<u>Name</u>				
		BP	Buyer's Part Number				
		EC	Engineering Change Level				
		PO	Purchase Order Number				
		RC	Returnable Container No.				
		RN	Release Number				
		VP	Vendor's (Seller's) Part Number				
LIN11	234	<b>Product/Service ID</b>		C	AN	1/30	Used
		<b>Description:</b>					
		Identifying number for a product or service.					
LIN12	235	<b>Product/Service ID Qualifier</b>		O	ID	2/2	Used
		<b>Description:</b>					
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).					
		<u>Code</u>	<u>Name</u>				
		BP	Buyer's Part Number				
		EC	Engineering Change Level				
		PO	Purchase Order Number				
		RC	Returnable Container No.				
		RN	Release Number				
		VP	Vendor's (Seller's) Part Number				
LIN13	234	<b>Product/Service ID</b>		C	AN	1/30	Used
		<b>Description:</b>					
		Identifying number for a product or service.					
LIN14	235	<b>Product/Service ID Qualifier</b>		O	ID	2/2	Not used
		<b>Description:</b>					
		Code identifying the type/source of the descriptive number used in Product/Service ID (234).					
LIN15	234	<b>Product/Service ID</b>		C	AN	1/30	Not used
		<b>Description:</b>					
		Identifying number for a product or service.					
LIN16	235	<b>Product/Service ID Qualifier</b>		O	ID	2/2	Not used
		<b>Description:</b>					
		Code identifying the type/source of the descriptive number used in					

		Product/Service ID (234).				
LIN17	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Not used
LIN18	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN19	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Not used
LIN20	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN21	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Not used
LIN22	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN23	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Not used
LIN24	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN25	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Not used
LIN26	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN27	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Not used
LIN28	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN29	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Not used
LIN30	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234).	O	ID	2/2	Not used
LIN31	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service.	C	AN	1/30	Not used

## Comments:

1. See the Data Dictionary for a complete list of ID's.
2. LIN01 is the line item identification

Truck
Example: LIN**BP*123456C1 N/L
Engine
Example: LIN**BP*123456C1*PO*P000001 N/L
Service Parts
Example: LIN**BP*500632C92*VP*46211*PO*333456789 N/L LIN**BP*386535C1*PO*444456789 N/L



# Unit Detail

Pos: 020	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 3

User Option(Usage):           Used

To specify item unit data

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
UIT01	355	<b>Unit of Measurement Code</b> <b>Description:</b> Code identifying the basic unit of measurement.	M	ID	2/2	Used
		All				
		International will use any ANSI X12 code.				
UIT02	212	<b>Unit Price</b> <b>Description:</b> Price per unit of product, service, commodity, etc.	C	R	1/14	Not used
UIT03	639	<b>Basis of Unit Price Code</b> <b>Description:</b> Code identifying the type of unit price for an item.	O	ID	2/2	Not used

## Truck

Example:  
UIT\*PC N/L

## Engine

Example:  
UIT\*EA N/L

## Service Parts

Examples:  
UIT\*PC N/L  
UIT\*PC N/L

SDP

Ship/Delivery Pattern

Pos: 070

Max: 1

Detail - Optional

Loop: LIN

Elements: 8

User Option(Usage):           Used

To identify specific ship/delivery requirements

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
SDP01	678	<b>Ship/Delivery Pattern Code</b> <b>Description:</b> Code which specifies the days for routine shipments or deliveries. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>A</td><td>Monday through Friday</td></tr><tr><td>N</td><td>As Directed</td></tr></table>	<u>Code</u>	<u>Name</u>	A	Monday through Friday	N	As Directed	M	ID	1/2	Used
<u>Code</u>	<u>Name</u>											
A	Monday through Friday											
N	As Directed											
SDP02	679	<b>Ship/Delivery Pattern Time Code</b> <b>Description:</b> Code which specifies the time for routine shipments or deliveries. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>F</td><td>As Directed</td></tr></table>	<u>Code</u>	<u>Name</u>	F	As Directed	M	ID	1/1	Used		
<u>Code</u>	<u>Name</u>											
F	As Directed											
SDP03	678	<b>Ship/Delivery Pattern Code</b> <b>Description:</b> Code which specifies the days for routine shipments or deliveries.	O	ID	1/2	Not used						
SDP04	679	<b>Ship/Delivery Pattern Time Code</b> <b>Description:</b> Code which specifies the time for routine shipments or deliveries.	O	ID	1/1	Not used						
SDP05	678	<b>Ship/Delivery Pattern Code</b> <b>Description:</b> Code which specifies the days for routine shipments or deliveries.	O	ID	1/2	Not used						
SDP06	679	<b>Ship/Delivery Pattern Time Code</b> <b>Description:</b> Code which specifies the time for routine shipments or deliveries.	O	ID	1/1	Not used						
SDP07	678	<b>Ship/Delivery Pattern Code</b> <b>Description:</b> Code which specifies the days for routine shipments or deliveries.	O	ID	1/2	Not used						
SDP08	679	<b>Ship/Delivery Pattern Time Code</b> <b>Description:</b> Code which specifies the time for routine shipments or deliveries.	O	ID	1/1	Not used						

Comments:

1.
- The intent of this segment is to define the routine ship or delivery patterns, as required, when order quantities are in "buckets", such as weekly, monthly. Ship/Delivery patterns eliminate the need to transmit discrete quantities and dates for each required shipment or delivery. It is assumed that a "bucketed" quantity is to be divided equally by the ship/delivery pattern. For example, a weekly quantity of 100 with a delivery pattern of Monday and Wednesday would result in 50 to be delivered on Monday and 50 to be delivered on Wednesday.

Truck

Example:  
SDP\*A\*F N/L

Engine

Example:  
SDP\*N\*F N/L

Service Parts

Examples:  
SDP\*A\*F N/L  
SDP\*A\*F N/L



Loop FST

Pos: 080Repeat: 100

Optional

Loop: FSTElements: N/A

To specify the forecasted dates and quantities

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
080	FST	Forecast Schedule	O	1		Used

Truck

Examples:  
FST\*70\*C\*D\*900108 N/L  
FST\*84\*C\*D\*900109 N/L  
FST\*315\*C\*D\*900116 N/L

Engine

Examples:  
FST\*100\*C\*D\*000606 N/L  
FST\*100\*C\*D\*000607 N/L  
FST\*150\*C\*D\*000608 N/L  
FST\*50\*C\*D\*000609 N/L  
FST\*100\*C\*D\*000612 N/L

Service Parts

Examples:  
FST\*45\*C\*D\*950815 N/L  
FST\*60\*C\*D\*950815 N/L

FST

Forecast Schedule

Pos: 080	Max: 1
Detail - Optional	
Loop: FST	Elements: 9

User Option(Usage):           Used

To specify the forecasted dates and quantities

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
FST01	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity.	M	R	1/10	Used								
FST02	680	<b>Forecast Qualifier</b> <b>Description:</b> Code specifying the sender's confidence level of the forecast data.	M	ID	1/1	Used								
		<table><tr><td><u>Code</u></td><td><u>Name</u></td></tr><tr><td>C</td><td>Firm</td></tr><tr><td>D</td><td>Planning</td></tr></table>	<u>Code</u>	<u>Name</u>	C	Firm	D	Planning						
<u>Code</u>	<u>Name</u>													
C	Firm													
D	Planning													
FST03	681	<b>Forecast Timing Qualifier</b> <b>Description:</b> Code specifying interval grouping of the forecast.	M	ID	1/1	Used								
		<table><tr><td><u>Code</u></td><td><u>Name</u></td></tr><tr><td>D</td><td>Discrete</td></tr><tr><td>M</td><td>Monthly Bucket (Calendar Months)</td></tr><tr><td>W</td><td>Weekly Bucket (Monday through Sunday)</td></tr></table>	<u>Code</u>	<u>Name</u>	D	Discrete	M	Monthly Bucket (Calendar Months)	W	Weekly Bucket (Monday through Sunday)				
<u>Code</u>	<u>Name</u>													
D	Discrete													
M	Monthly Bucket (Calendar Months)													
W	Weekly Bucket (Monday through Sunday)													
FST04	373	<b>Date</b> <b>Description:</b> Date (YYMMDD) schedule is due.	M	DT	6/6	Used								
FST05	373	<b>Date</b> <b>Description:</b> Date (YYMMDD).	O	DT	6/6	Not used								
FST06	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time.	C	ID	3/3	Not used								
FST07	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	C	TM	4/4	Not used								
FST08	128	<b>Reference Number Qualifier</b> <b>Description:</b> Code qualifying the Reference Number.	C	ID	2/2	Not used								
FST09	127	<b>Reference Number</b> <b>Description:</b> Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C	AN	1/30	Not used								

Comments:

1.
- As qualified by FST02 and FST03, FST04 represents either a discrete forecast date, the first date of a forecasted bucket (weekly, monthly, quarterly, etc.) or the start date of a flexible interval.
2.
- If FST03 - "F" (indicating flexible interval), then FST04 and FST05 are required. FST04 would be used for the start date of the flexible interval and FST05 would be used for the end date of the flexible interval.
3.
- FST06 - To qualify time in FST07. The purpose of the FST07 element is to express the specific time of day in a 24-hour clock, to satisfy "just-in-time" requirements. As an alternative, the ship/delivery pattern segment (SDP) may be used to define an approximate time, such as "AM" or "PM".

Examples:  
FST\*70\*C\*D\*900108 N/L  
FST\*84\*C\*D\*900109 N/L  
FST\*315\*C\*D\*900116 N/L

**Engine**

Examples:  
FST\*100\*C\*D\*000606 N/L  
FST\*100\*C\*D\*000607 N/L  
FST\*150\*C\*D\*000608 N/L  
FST\*50\*C\*D\*000609 N/L  
FST\*100\*C\*D\*000612 N/L

**Service Parts**

Examples:  
FST\*45\*C\*D\*950815 N/L  
FST\*60\*C\*D\*950815 N/L

Loop SHP

Pos: 140Repeat: 10

Optional

Loop: SHPElements: N/A

To specify shipment and/or receipt information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
140	SHP	Shipped/Received Information	O	1		Used

Truck

Examples:  
SHP\*01\*200\*050\*900104 N/L  
SHP\*02\*469\*051\*891101\*\*900104 N/L

Engine

Examples:  
SHP\*01\*500\*050\*000605 N/L  
SHP\*02\*5000\*051\*991101\*\*000605 N/L

Service Parts

Not Used.

SHP

Shipped/Received Information

Pos: 140

Max: 1

Detail - Optional

Loop: SHP

Elements: 7

User Option(Usage):           Used

To specify shipment and/or receipt information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>										
SHP01	673	<b>Quantity Qualifier</b> <b>Description:</b> Code specifying the type of quantity. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>01</td><td>Discrete Quantity</td></tr><tr><td>02</td><td>Cumulative Quantity</td></tr><tr><td>15</td><td>Quantity in Hold Out</td></tr><tr><td>17</td><td>Quantity on Hand</td></tr></table>	<u>Code</u>	<u>Name</u>	01	Discrete Quantity	02	Cumulative Quantity	15	Quantity in Hold Out	17	Quantity on Hand	O	ID	2/2	Used
<u>Code</u>	<u>Name</u>															
01	Discrete Quantity															
02	Cumulative Quantity															
15	Quantity in Hold Out															
17	Quantity on Hand															
SHP02	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity.	C	R	1/10	Used										
SHP03	374	<b>Date/Time Qualifier</b> <b>Description:</b> Code specifying type of date or time, or both date and time. <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>011</td><td>Shipped</td></tr><tr><td>050</td><td>Received</td></tr><tr><td>051</td><td>Cumulative Quantity Start</td></tr></table>	<u>Code</u>	<u>Name</u>	011	Shipped	050	Received	051	Cumulative Quantity Start	O	ID	3/3	Used		
<u>Code</u>	<u>Name</u>															
011	Shipped															
050	Received															
051	Cumulative Quantity Start															
SHP04	373	<b>Date</b> <b>Description:</b> Date (YYMMDD).	C	DT	6/6	Used										
SHP05	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	O	TM	4/4	Not used										
SHP06	373	<b>Date</b> <b>Description:</b> Date (YYMMDD).	C	DT	6/6	Used										
SHP07	337	<b>Time</b> <b>Description:</b> Time expressed in 24-hour clock time (HHMM, time range: 0000 though 2359).	O	TM	4/4	Not used										

Comments:

1.     The SHP segment is used to communicate shipment, delivery, or receipt information and may include discrete or cumulative quantities, dates, and times.
2.     If SHP01 = "02", "07", "08", "09", or "10" (indicating cumulative quantities), then SHP04 and SHP06 are required to identify the start and end dates of the quantity count.
3.     SHP04 - The date shipped, delivered, received, or the cumulative quantity start date (as qualified by SHP03).
4.     SHP06 - The cumulative quantity end date.

Truck

Examples:  
SHP\*01\*200\*050\*900104 N/L  
SHP\*02\*469\*051\*891101\*\*900104 N/L

Engine

Examples:

Service Parts

Not Used.

CTT

Transaction Totals

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 7

User Option(Usage):           Used

To transmit a hash total for a specific element in the transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	<b>Number of Line Items</b> <b>Description:</b> Total number of line items in the transaction set.	M	N0	1/6	Used
CTT02	347	<b>Hash Total</b> <b>Description:</b> Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.Example:-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed.----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O	R	1/10	Not used
CTT03	81	<b>Weight</b> <b>Description:</b> Numeric value of weight.	O	R	1/8	Not used
CTT04	355	<b>Unit of Measurement Code</b> <b>Description:</b> Code identifying the basic unit of measurement.	C	ID	2/2	Not used
CTT05	183	<b>Volume</b> <b>Description:</b> Value of volumetric measure.	O	R	1/8	Not used
CTT06	355	<b>Unit of Measurement Code</b> <b>Description:</b> Code identifying the basic unit of measurement.	C	ID	2/2	Not used
CTT07	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content.	O	AN	1/80	Not used

Comments:

1.
- This segment is intended to provide hash totals to validate transaction completeness and correctness.

Truck
Example: CTT*1 N/L
Engine
Example: CTT*1 N/L
Service Parts
Example: CTT*2 N/L

SE

Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option(Usage):           Used

To indicate the end of the transaction set and provide the count   of the transmitted segments (including the beginning (ST) and   ending (SE) segments).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments.	M	N0	1/6	Used
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number assigned by the originator for a transaction set.	M	AN	4/9	Used

Comments:

1.
- SE is the last segment of each transaction set.

Truck

Example:  
SE\*15\*0001 N/L

Engine

Example:  
SE\*16\*0001 N/L

Service Parts

Example:  
SE\*15\*0001 N/L



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# **INTERNATIONAL<sup>®</sup>**

**International Motors, LLC**

**862 APPENDIXES of EXAMPLES**

**October 15, 2024**

**NOTE:** This document is to be used in conjunction with the International Motors, LLC. 862 Implementation Guideline to illustrate examples and functional definition of this transaction set.

**Example I: Truck 862 Shipping Schedule****Lineset/Truck Order Shipping Release EDI 862****EDI DATA ELEMENTS**ST\*862\*0001 N/LBSS\*05\*1790\*900105\*DL\*900105\*900201\*  
002ASM7068710900919\*\*\*\*A N/LN1\*ST\*\*92\*002ASM N/LPER\*EX\*GF N/LN1\*SU\*\*92\*7068710 N/LLIN\*\*BP\*123456C1 N/LUIT\*PC N/LSDP\*A\*F N/LFST\*70\*C\*D\*900108 N/LFST\*84\*C\*D\*900109 N/LFST\*315\*C\*D\*900116 N/LSHP\*01\*200\*050\*900104 N/LSHP\*02\*469\*051\*891101\*\*900104 N/LCTT\*1 N/LSE\*15\*0001 N/L**INTERPRETATION**

ANSI transaction set #862 transaction ID number 0001

Replacement Document 1790, Dated 1/5/90, Delivery  
Based from 1/5/90 to 2/1/90, Release Number  
002ASM70687710900919, Actual Discreet Quantities

The ship to location is Springfield ASM Plant

The International Clerk Code is "GF"

Supplier Code is "7068710"

International Part Number 123456C1.

Indicates that Unit of Measure is Pieces

Ship delivery pattern is Monday thru Friday as directed

Daily Quantity is 70 due on 1/8/90

Daily Quantity is 84 due on 1/9/90

Daily Quantity is 315 due on 1/16/90

Last shipment received was 200 pieces on 1/4/90

Cumulative Receipts from 11/1/89 through 1/4/90 are 469  
pieces

Total number of line items is 1

Number of included segments is 15 in transaction ID 0001

**Example II: Service Parts 862 Shipping Schedule**

This example shows the looping structure for the shipping schedule which provides the ability for a customer to convey precise shipping schedule requirements to a supplier.

**EDI DATA ELEMENTS**ST\*862\*0001 N/LBSS\*00\*862\*950801\*DL\*950815\*950815\*  
783 2224560950801\*\*\*123456789 N/LN1\*SU\*\*92\*2224560 N/LN1\*MI\*\*92\*783 N/LN1\*ST\*\*92\*770-0770 N/LLIN\*\*BP\*500632C92\*VP\*46211\*PO\*333456789  
N/LUIT\*PC N/LSDP\*A\*F N/LFST\*45\*C\*D\*950815 N/LLIN\*\*BP\*386535C1\*PO\*444456789 N/LUIT\*PC N/LSDP\*A\*F N/LFST\*60\*C\*D\*950815 N/LCTT\*2 N/LSE\*15\*0001 N/L**INTERPRETATION**

ANSI Transaction Set 862, Transaction ID Number is 0001

Replacement Shipping Schedule dated 8/1/95, Delivery Based, Shipping Schedule Horizon Start date is 8/15/95, Shipping Schedule Horizon End date is 8/15/95, Release Number is  
783 2224560950801, Purchase Order Number is 123456789.

The International assigned Supplier Code is 2224560.

The Material Release Issuer is International Service Parts.

The Ship-To Location is Baltimore PDC.

Buyer's Part Number is 500632C92, Vendor's Part Number is 46211, Original Purchase Order Number is 333456789.

Unit of Measure is Piece.

The ship/delivery pattern is Monday thru Friday; the ship/delivery pattern time is as directed.

Discrete firm quantity of 45 is due 8/15/95.

Buyer's Part Number is 386535C1, Original Purchase Order Number is 444456789.

Unit of Measure is Piece.

The ship/delivery pattern is Monday thru Friday; the ship/delivery pattern time is as directed.

Discrete firm quantity of 60 is due 8/15/95.

Total number of LIN segments is 2.

Number of included segments is 15, Transaction set ID number is 0001.

### **Example III: Engine 862 Shipping Schedule**

This example shows the looping structure for the shipping schedule which provides the ability for a customer to convey precise shipping schedule requirements to a supplier.

#### **EDI DATA ELEMENTS**

ST\*862\*0001 N/L

BSS\*00\*862\*000606\*DL\*000606\*000626\*\*\*\*\*  
P000001\*A N/L

N1\*ST\*\*92\*040 N/L

N1\*SU\*\*92\*87878S1 N/L

LIN\*\*BP\*123456C1\*PO\*P000001 N/L

UIT\*EA N/L

SDP\*N\*F N/L

FST\*100\*C\*D\*000606 N/L

FST\*100\*C\*D\*000607 N/L

FST\*150\*C\*D\*000608 N/L

FST\*50\*C\*D\*000609 N/L

FST\*100\*C\*D\*000612 N/L

SHP\*01\*500\*050\*000605 N/L

SHP\*02\*5000\*051\*991101\*\*000605 N/L

CTT\*1 N/L

SE\*16\*0001 N/L

#### **INTERPRETATION**

ANSI Transaction Set 862, Transaction ID Number is 0001

Original Shipping Schedule dated 06/06/00, Delivery Based, Shipping Schedule Horizon Start date is 06/06/00, Shipping Schedule Horizon End date is 06/26/00, Purchase Order Number is P000001. All quantities are actual discrete quantities.

The Ship-To Location is International Diesel of Alabama, LLC.

The International assigned Supplier Code is 87878S1.

Buyer's Part Number is 123456C1. Purchase Order Number is P000001.

Unit of measure for part number 123456C1 is "EA" for Each.

Ship Delivery Pattern is As Directed.

Discrete firm quantity of 100 is due 06/06/00.

Discrete firm quantity of 100 is due 06/07/00.

Discrete firm quantity of 150 is due 06/08/00.

Discrete firm quantity of 50 is due 06/09/00.

Discrete firm quantity of 100 is due 06/12/00.

Discrete quantity of 500. Received on 06/05/00.

Cumulative quantity of 5000. Cumulative quantity starts on 11/01/99 through 06/05/00.

Total number of LIN segments is 1.

Number of included segments is 16, Transaction set ID number is 0001.