Navistar, Inc.

NAVISTAR ®

EDI 855 – Purchase Order Acknowledgement

VERSION:
ANSI ASC X12
Version Release 4010 Final

NAVISTAR ®

EDI 855 Implementation Guide

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Applications Analyst	EDI Manager	This Document Applies to: § Service Parts

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855_4010_071312.ecs   i   ANSI ASC X12 Version Release 4010

Final

855 Purchase Order Acknowledgment

Functional Group=PR

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ISA	Interchange Control Header	M	1			Not Used
020	GS	Functional Group Header	M	1			Not Used
010	ST	Transaction Set Header	M	1			Must use
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
040	CUR	Currency	O	1			Not Used
050	REF	Reference Identification	O	>1			Not Used
060	PER	Administrative Communications Contact	O	3			Not Used
070	TAX	Tax Reference	O	>1			Not Used
080	FOB	F.O.B. Related Instructions	O	>1			Not Used
090	CTP	Pricing Information	O	>1			Not Used
095	PAM	Period Amount	O	10			Not Used
110	CSH	Sales Requirements	O	1			Not Used
LOOP ID - SAC					**25**		
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
125	CUR	Currency	O	1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	5			Not Used
140	DIS	Discount Detail	O	20			Not Used
145	INC	Installment Information	O	1			Not Used
150	DTM	Date/Time Reference	O	10			Not Used
160	LDT	Lead Time	O	12			Not Used
180	LIN	Item Identification	O	5		N1/180	Not Used
185	SI	Service Characteristic Identification	O	>1			Not Used
190	PID	Product/Item Description	O	200			Not Used
200	MEA	Measurements	O	40			Not Used
210	PWK	Paperwork	O	25			Not Used
220	PKG	Marking, Packaging, Loading	O	25			Not Used
230	TD1	Carrier Details (Quantity and Weight)	O	2			Not Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Not Used
250	TD3	Carrier Details (Equipment)	O	12			Not Used
260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
270	MAN	Marks and Numbers	O	10			Not Used
275	TXI	Tax Information	O	>1			Not Used
277	CTB	Restrictions/Conditions	O	>1			Not Used
LOOP ID - N9					**1000**		

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
280	N9	Reference Identification	O	1			Used
285	DTM	Date/Time Reference	O	>1			Used
290	MSG	Message Text	O	1000			Used
LOOP ID - N1					**200**		
300	N1	Name	O	1			Used
310	N2	Additional Name Information	O	2			Not Used
320	N3	Address Information	O	2			Not Used
330	N4	Geographic Location	O	1			Not Used
335	NX2	Location ID Component	O	>1			Not Used
340	REF	Reference Identification	O	12			Not Used
350	PER	Administrative Communications Contact	O	>1			Not Used
355	SI	Service Characteristic Identification	O	>1			Not Used
360	FOB	F.O.B. Related Instructions	O	1			Not Used
370	TD1	Carrier Details (Quantity and Weight)	O	2			Not Used
380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Not Used
390	TD3	Carrier Details (Equipment)	O	12			Not Used
400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
410	PKG	Marking, Packaging, Loading	O	25			Not Used
420	MSG	Message Text	O	>1			Used
LOOP ID - ADV					**>1**		
430	ADV	Advertising Demographic Information	O	1			Used
440	DTM	Date/Time Reference	O	>1			Used
450	MTX	Text	O	>1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/010L**	
010	PO1	Baseline Item Data	O	1		N2/010	Used
015	LIN	Item Identification	O	>1			Not Used
018	SI	Service Characteristic Identification	O	>1			Not Used
020	CUR	Currency	O	1			Not Used
030	PO3	Additional Item Detail	O	25			Not Used
040	CTP	Pricing Information	O	>1			Not Used
045	PAM	Period Amount	O	10			Not Used
049	MEA	Measurements	O	40			Not Used
LOOP ID - PID					**1000**		
050	PID	Product/Item Description	O	1			Used
060	MEA	Measurements	O	10			Used
070	PWK	Paperwork	O	25			Not Used
090	PO4	Item Physical Details	O	>1			Not Used
100	REF	Reference Identification	O	>1			Not Used
110	PER	Administrative Communications Contact	O	3			Not Used
LOOP ID - SAC					**25**		
130	SAC	Service, Promotion, Allowance,	O	1			Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
		or Charge Information					
135	CUR	Currency	O	1			Used
140	IT8	Conditions of Sale	O	1			Not Used
142	CSH	Sales Requirements	O	>1			Not Used
150	ITD	Terms of Sale/Deferred Terms of Sale	O	2			Not Used
160	DIS	Discount Detail	O	20			Not Used
165	INC	Installment Information	O	1			Not Used
170	TAX	Tax Reference	O	>1			Not Used
180	FOB	F.O.B. Related Instructions	O	>1			Not Used
190	SDQ	Destination Quantity	O	500			Not Used
200	DTM	Date/Time Reference	O	10			Not Used
210	LDT	Lead Time	O	12			Not Used
230	TD1	Carrier Details (Quantity and Weight)	O	1			Not Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Not Used
250	TD3	Carrier Details (Equipment)	O	12			Not Used
260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
LOOP ID - ACK					**104**		
270	ACK	Line Item Acknowledgment	O	1			Used
280	DTM	Date/Time Reference	O	1			Not Used
290	MAN	Marks and Numbers	O	10			Not Used
293	AMT	Monetary Amount	O	1		N2/293	Not Used
295	CTB	Restrictions/Conditions	O	>1			Not Used
296	TXI	Tax Information	O	>1			Not Used
LOOP ID - QTY					**>1**		
300	QTY	Quantity	O	1			Used
302	SI	Service Characteristic Identification	O	>1			Used
LOOP ID - PKG					**200**		
303	PKG	Marking, Packaging, Loading	O	1			Used
305	MEA	Measurements	O	>1			Used
LOOP ID - SCH					**200**	**N2/310L**	
310	SCH	Line Item Schedule	O	1		N2/310	Used
315	TD1	Carrier Details (Quantity and Weight)	O	2			Not Used
320	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Not Used
330	TD3	Carrier Details (Equipment)	O	12			Not Used
340	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Not Used
345	REF	Reference Identification	O	>1			Used
LOOP ID - N9					**1000**		
350	N9	Reference Identification	O	1			Used
355	DTM	Date/Time Reference	O	>1			Used
360	MSG	Message Text	O	1000			Used
LOOP ID - N1					**200**		
370	N1	Name	O	1			Used
380	N2	Additional Name Information	O	2			Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
390	N3	Address Information	O	2			Used
400	N4	Geographic Location	O	1			Used
405	NX2	Location ID Component	O	>1			Used
410	REF	Reference Identification	O	12			Used
420	PER	Administrative Communications Contact	O	3			Used
425	SI	Service Characteristic Identification	O	>1			Used
426	DTM	Date/Time Reference	O	1			Used
430	FOB	F.O.B. Related Instructions	O	1			Used
435	SCH	Line Item Schedule	O	200			Used
440	TD1	Carrier Details (Quantity and Weight)	O	2			Used
450	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used
460	TD3	Carrier Details (Equipment)	O	12			Used
470	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5			Used
475	QTY	Quantity	O	>1			Used
480	PKG	Marking, Packaging, Loading	O	25			Used
LOOP ID - SLN					**1000**		
490	SLN	Subline Item Detail	O	1			Used
495	MSG	Message Text	O	>1			Used
500	SI	Service Characteristic Identification	O	>1			Used
510	PID	Product/Item Description	O	1000			Used
520	PO3	Additional Item Detail	O	25			Used
522	CTP	Pricing Information	O	25			Used
523	PAM	Period Amount	O	10			Used
530	ACK	Line Item Acknowledgment	O	104			Used
LOOP ID - SAC					**10**		
540	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
545	CUR	Currency	O	1			Used
550	DTM	Date/Time Reference	O	10			Used
554	PO4	Item Physical Details	O	1			Used
557	TAX	Tax Reference	O	3			Used
558	ADV	Advertising Demographic Information	O	>1			Used
LOOP ID - QTY					**>1**		
559	QTY	Quantity	O	1			Used
561	SI	Service Characteristic Identification	O	>1			Used
LOOP ID - N9					**>1**		
563	N9	Reference Identification	O	1			Used
564	DTM	Date/Time Reference	O	>1			Used
565	MSG	Message Text	O	>1			Used
LOOP ID - N1					**10**		
576	N1	Name	O	1			Used
578	N2	Additional Name Information	O	2			Used
580	N3	Address Information	O	2			Used
590	N4	Geographic Location	O	1			Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
600	NX2	Location ID Component	O	>1			Used
610	REF	Reference Identification	O	12			Used
620	PER	Administrative Communications Contact	O	3			Used
625	SI	Service Characteristic Identification	O	>1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/010L**	
010	CTT	Transaction Totals	O	1		N3/010	Used
020	AMT	Monetary Amount	O	1		N3/020	Not Used
030	SE	Transaction Set Trailer	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
030	GE	Functional Group Trailer	M	1			Not Used
040	IEA	Interchange Control Trailer	M	1			Not Used

Notes:

1/180	If segment LIN is used, do not use LIN01.
2/010L	PO102 is required.
2/010	PO102 is required.
2/293	If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
2/310L	The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
2/310	The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3/010L	The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
3/010	The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
3/020	If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

        Description: Code uniquely identifying a Transaction Set

        CodeList Summary (Total Codes: 298, Included: 1)

Code	Name
855	Purchase Order Acknowledgment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

        Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 10

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 2)

Code	Name
00	Original
05	Replace

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK02	587	**Acknowledgment Type**	M	ID	2/2	Must use

Description: Code specifying the type of acknowledgment

CodeList Summary (Total Codes: 15, Included: 1)

Code	Name
AC	Acknowledge - With Detail and Change

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK03	324	**Purchase Order Number**	M	AN	1/22	Must use

Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK04	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK05	328	**Release Number**	O	AN	1/30	Not used

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK06	326	**Request Reference Number**	O	AN	1/45	Not used

Description: Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK07	367	**Contract Number**	O	AN	1/30	Not used

Description: Contract number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK08	127	**Reference Identification**	O	AN	1/30	Not used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK09	373	**Date**	O	DT	8/8	Not used

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK10	640	**Transaction Type Code**	O	ID	2/2	Not used

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Description: Code specifying the type of transaction

Semantics:

1. BAK04 is the date assigned by the purchaser to purchase order.
2. BAK08 is the seller's order number.
3. BAK09 is the date assigned by the sender to the acknowledgment.

N1   **Name**

<table>
<tr><td>Pos: 300</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 6</td></tr>
</table>

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 2)

Code	Name
SF	Ship From
SU	Supplier/Manufacturer

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	X	AN	1/60	Used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 1)

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	X	AN	2/80	Used

Description: Code identifying a party or other code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N105	706	**Entity Relationship Code**	O	ID	2/2	Not used

Description: Code describing entity relationship

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N106	98	**Entity Identifier Code**	O	ID	2/3	Not used

Description: Code identifying an organizational entity, a physical location, property or an individual

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

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.
2. N105 and N106 further define the type of entity in N101.

MSG   Message Text

<table>
<tr><td>Pos: 420</td><td>Max: >1</td></tr>
<tr><td colspan="2">Heading - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Used

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MSG01	933	**Free-Form Message Text**	M	AN	1/264	Must use
		Description: Free-form message text				
MSG02	934	**Printer Carriage Control Code**	X	ID	2/2	Not used
		Description: A field to be used for the control of the line feed of the receiving printer				
MSG03	1470	**Number**	O	N0	1/9	Not used
		Description: A generic number				

Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

Semantics:

1. MSG03 is the number of lines to advance before printing.

Comments:

1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2. If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

PO1   Baseline Item Data

Pos: 010	**Max: 1**
Detail - Optional	
Loop: PO1	**Elements: 25**

User Option (Usage): Used

Purpose: To specify basic and most frequently used line item data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	**Assigned Identification**	O	AN	1/20	Must use

Description: Alphanumeric characters assigned for differentiation within a transaction set

Trading Partner: PO101 must reflect value as provided in 850/PO101 or 860/POC01

PO102	330	**Quantity Ordered**	X	R	1/15	Used

Description: Quantity ordered

PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 794, Included: 2)

Code	Name
EA	Each
PC	Piece

PO104	212	**Unit Price**	X	R	1/17	Used

Description: Price per unit of product, service, commodity, etc.

PO105	639	**Basis of Unit Price Code**	O	ID	2/2	Used

Description: Code identifying the type of unit price for an item

CodeList Summary (Total Codes: 91, Included: 1)

Code	Name
PE	Price per Each

PO106	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 1)

Code	Name
BP	Buyer's Part Number

PO107	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

PO108	235	**Product/Service ID Qualifier**	X	ID	2/2	Used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 1)

Code	Name
VP	Vendor's (Seller's) Part Number

PO109	234	**Product/Service ID**	X	AN	1/48	Used

Description: Identifying number for a product or service

PO110	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

PO111	234	**Product/Service ID**	X	AN	1/48	Not used

Description: Identifying number for a product or service

PO112	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

PO113	234	**Product/Service ID**	X	AN	1/48	Not used

Description: Identifying number for a product or service

PO114	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

PO115	234	**Product/Service ID**	X	AN	1/48	Not used

Description: Identifying number for a product or service

PO116	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

PO117	234	**Product/Service ID**	X	AN	1/48	Not used

Description: Identifying number for a product or service

PO118	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

PO119	234	**Product/Service ID**	X	AN	1/48	Not used

Description: Identifying number for a product or service

PO120	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

PO121	234	**Product/Service ID**	X	AN	1/48	Not used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Identifying number for a product or service				
PO122	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
PO123	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
PO124	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
PO125	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

ACK Line Item Acknowledgment

<table>
<tr><td>Pos: 270</td><td style="text-align:right">Max: 1</td></tr>
<tr><td colspan="2" style="text-align:center">Detail - Optional</td></tr>
<tr><td>Loop: ACK</td><td style="text-align:right">Elements: 29</td></tr>
</table>

User Option (Usage): Used

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK01	668	**Line Item Status Code**	M	ID	2/2	Must use

Description: Code specifying the action taken by the seller on a line item requested by the buyer

CodeList Summary (Total Codes: 26, Included: 2)

Code	Name
DR	Item Accepted - Date Rescheduled
IA	Item Accepted

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK02	380	**Quantity**	X	R	1/15	Used

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK03	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 794, Included: 2)

Code	Name
EA	Each
PC	Piece

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK04	374	**Date/Time Qualifier**	O	ID	3/3	Not used

Description: Code specifying type of date or time, or both date and time

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK05	373	**Date**	X	DT	8/8	Not used

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK06	326	**Request Reference Number**	O	AN	1/45	Not used

Description: Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK07	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK08	234	**Product/Service ID**	X	AN	1/48	Not used

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK09	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used

Description: Code identifying the type/source of the descriptive number used in Product/Service

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Final

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		ID (234)				
ACK10	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
ACK11	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
ACK12	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
ACK13	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
ACK14	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
ACK15	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
ACK16	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
ACK17	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
ACK18	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
ACK19	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
ACK20	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
ACK21	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
ACK22	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK23	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
ACK24	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
ACK25	235	**Product/Service ID Qualifier**	X	ID	2/2	Not used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
ACK26	234	**Product/Service ID**	X	AN	1/48	Not used
		Description: Identifying number for a product or service				
ACK27	559	**Agency Qualifier Code**	X	ID	2/2	Not used
		Description: Code identifying the agency assigning the code values				
ACK28	822	**Source Subqualifier**	X	AN	1/15	Not used
		Description: A reference that indicates the table or text maintained by the Source Qualifier				
ACK29	1271	**Industry Code**	X	AN	1/30	Not used
		Description: Code indicating a code from a specific industry code list				

Syntax Rules:

1. P0203 - If either ACK02 or ACK03 is present, then the other is required.
2. C0405 - If ACK04 is present, then ACK05 is required.
3. P0708 - If either ACK07 or ACK08 is present, then the other is required.
4. P0910 - If either ACK09 or ACK10 is present, then the other is required.
5. P1112 - If either ACK11 or ACK12 is present, then the other is required.
6. P1314 - If either ACK13 or ACK14 is present, then the other is required.
7. P1516 - If either ACK15 or ACK16 is present, then the other is required.
8. P1718 - If either ACK17 or ACK18 is present, then the other is required.
9. P1920 - If either ACK19 or ACK20 is present, then the other is required.
10. P2122 - If either ACK21 or ACK22 is present, then the other is required.
11. P2324 - If either ACK23 or ACK24 is present, then the other is required.
12. P2526 - If either ACK25 or ACK26 is present, then the other is required.
13. P2728 - If either ACK27 or ACK28 is present, then the other is required.
14. C282729 - If ACK28 is present, then ACK27 and ACK29 are required.

Semantics:

1. ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

SCH Line Item Schedule

Pos: 310	**Max: 1**
Detail - Optional	
Loop: SCH	**Elements: 12**

User Option (Usage): Used

Purpose: To specify the data for scheduling a specific line-item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH01	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

Trading Partner: Split shipments are not allowed for Direct Ship Orders from GSID 005214200DNA. Send only one SCH segment with total quantity of PO.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH02	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

CodeList Summary (Total Codes: 794, Included: 2)

Code	Name
EA	Each
PC	Piece

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH03	98	**Entity Identifier Code**	O	ID	2/3	Not used

Description: Code identifying an organizational entity, a physical location, property or an individual

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH04	93	**Name**	X	AN	1/60	Not used

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH05	374	**Date/Time Qualifier**	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1112, Included: 3)

Code	Name
011	Shipped
079	Promised for Shipment
139	Estimated

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH06	373	**Date**	M	DT	8/8	Must use

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH07	337	**Time**	O	TM	4/8	Used

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SCH08	374	**Date/Time Qualifier**	X	ID	3/3	Not used

Description: Code specifying type of date or

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		time, or both date and time				
SCH09	373	**Date**	X	DT	8/8	Not used
		Description: Date expressed as CCYYMMDD				
SCH10	337	**Time**	X	TM	4/8	Not used
		Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)				
SCH11	326	**Request Reference Number**	O	AN	1/45	Not used
		Description: Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)				
SCH12	350	**Assigned Identification**	O	AN	1/20	Not used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				

Syntax Rules:

1. C0304 - If SCH03 is present, then SCH04 is required.
2. L080910 - If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3. C0908 - If SCH09 is present, then SCH08 is required.
4. C1008 - If SCH10 is present, then SCH08 is required.

Semantics:

1. SCH12 is the schedule identification.

Comments:

1. SCH05 specifies the interpretation to be used for SCH06 and SCH07.

REF   Reference Identification

<table>
<tr><td>Pos: 345</td><td>Max: >1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: SCH</td><td>Elements: 4</td></tr>
</table>

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Trading Partner: Use SS for split shipments when two or more SCH segments are provided in a single PO1 loop.

If necessary to qualify a shipment date where only one SCH segment is provided in a single PO1 loop, use ZZ qualifier.

CodeList Summary (Total Codes: 1503, Included: 2)

Code	Name
SS	Split Shipment Number
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	X	AN	1/30	Used

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Trading Partner: To be sent for qualification of shipment date.   Send the two position number (01 through 16) in REF02 followed by description in REF03.

01 - Capacity
02 - Core Availability
03 - Current Shipping Promise
04 - Defective Material
05 - Machine Down
06 - Tier Two Supplier Issue
07 - Packaging Issue
08 - Production/Service Conflict
09 - Commercial Issue
10 - Replaced Parts
11 - Firm Shipping Promise
12 - ASN Sent
13 - Short Lead Time
14 - Tooling Problem
15 - Other (See Note)
16 - Shipping Promise Changed

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF03	352	**Description**	X	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04	C040	**Reference Identifier**	O	Comp		Not used

Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF04-01	128	**Reference Identification Qualifier**	M	ID	2/3	Not used

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		Description: Code qualifying the Reference Identification				
REF04-02	127	**Reference Identification**	M	AN	1/30	Not used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
REF04-03	128	**Reference Identification Qualifier**	X	ID	2/3	Not used
		Description: Code qualifying the Reference Identification				
REF04-04	127	**Reference Identification**	X	AN	1/30	Not used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
REF04-05	128	**Reference Identification Qualifier**	X	ID	2/3	Not used
		Description: Code qualifying the Reference Identification				
REF04-06	127	**Reference Identification**	X	AN	1/30	Not used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

CTT Transaction Totals

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Optional</td></tr>
<tr><td>Loop: CTT</td><td>Elements: 7</td></tr>
</table>

User Option (Usage): Used

Purpose: 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	**Number of Line Items**	M	N0	1/6	Must use
		Description: Total number of line items in the transaction set				
CTT02	347	**Hash Total**	O	R	1/10	Used
		Description: 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.				
CTT03	81	**Weight**	X	R	1/10	Not used
		Description: Numeric value of weight				
CTT04	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Not used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
CTT05	183	**Volume**	X	R	1/8	Not used
		Description: Value of volumetric measure				
CTT06	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Not used
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
CTT07	352	**Description**	O	AN	1/80	Not used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

Comments:

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

SE   Transaction Set Trailer

Pos: 030   Max: 1
Summary - Mandatory
Loop: N/A   Elements: 2

User Option (Usage): Must use

Purpose: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

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

Navistar, Inc

855 APPENDIX of EXAMPLES

August 8, 2012

Service Parts Example I: EDI 855 X12 – Version 004010

Direct Ship Purchase Order Acknowledgement from Oracle

```
ST*855*0001 N/L
    BAK*00*AC*GL-500000155*20120725 N/L
        N1*SU**92*5626260 N/L
        MSG*FREE FORM MESSAGE N/L
        PO1*1*50*EA*2.23*PE*BP*FP312465 N/L
        ACK*IA*50*EA N/L
        SCH*50*EA***079*20120728 N/L
        REF*ZZ*03*CURRENT SHIPPING PROMISE N/L
    CTT*1 N/L
SE*10*0001N/L
```

Service Parts Example I: EDI 855 X12 – Version 004010

Direct Ship Purchase Order Acknowledgement from Oracle

This example shows the looping structure for the electronic purchase order acknowledgement to provide customary and established transfer of information between organizations

EDI SEGMENTS / DATA ELEMENTS	INTERPRETATION
ST*855*0001 N/L	ANSI transaction set id is 855; Transaction Set Control Number is 0001
BAK*00*AC*GL-500000155*20120725 N/L	Original Document 00; AC Acknowledge with Detail and Change; PO number is GL-500000155; Date is July 25, 2012;
N1*SU**92*5626260 N/L	Supplier (SU); Assigned by Navistar (92); Supplier Code is 5626260;
MSG*FREE FORM MESSAGE N/L	Free Form Text Message;
PO1*1*50*EA*2.23*PE*BP*FP312465 N/L	Assigned Id is 1; Order Quantity is 50 pieces (EA); Price 2.23 per each (PE); Buyer's Part Number (BP) FP312465;
ACK*IA*50*EA N/L	Line Item Status Code is Accepted (IA); Quantity is 50 pieces (EA);
SCH*50*EA***079*20120728 N/L	Quantity is 50 pieces (EA); Promised for Shipment (079); Ship Date July 28, 2012
REF*ZZ*03*CURRENT SHIPPING PROMISE N/L	Shipment Qualification is mutually define (ZZ); Current Shipping Promise (03);
CTT*1 N/L	Number of Line Item segments included is 1
SE*10*0001 N/L	Number of included segments is 10; Transaction Set Control Number is 0001.

Service Parts Example II: EDI 855 X12 – Version 004010

<u>PDC or Packager Purchase Order Acknowledgement from Oracle</u>

```
ST*855*0001 N/L
    BAK*00*AC*301000155*20120725 N/L
        N1*SU**92*5626260 N/L
        MSG*FREE FORM MESSAGE N/L
        PO1*1*50*EA*2.23*PE*BP*FP312465 N/L
        ACK*DR*50*EA N/L
        SCH*25*EA***011*20120728 N/L
        REF*SS*12*ASN SENT N/L
        SCH*25*EA***139*20120808 N/L
        REF*SS*01*CAPACITY N/L
        PO1*2*25*EA*3.28*PE*BP*FP312466 N/L
        ACK*IA*25*EA N/L
        SCH*25*EA***079*20120828 N/L
        REF*ZZ*06*TIER TWO SUPPLIER ISSUE N/L
        PO1*3*5*EA*32.28*PE*BP*FP312467 N/L
        ACK*IA*5*EA N/L
        SCH*5*EA***079*20120726 N/L
    CTT*3 N/L
SE*19*0001 N/L
```

Service Parts Example II: EDI 855 X12 – Version 004010
PDC or Packager Purchase Order Acknowledgement from Oracle
This example shows the looping structure for the electronic purchase order acknowledgement to provide customary and established transfer of information between organizations

EDI SEGMENTS / DATA ELEMENTS	**INTERPRETATION**
ST*855*0001 N/L	ANSI transaction set id is 855; Transaction Set Control Number is 0001
BAK*00*AC*301000155*20120725 N/L	Original Document 00; AC Acknowledge with Detail and Change; PO number is 301000155; Date is July 25, 2012;
N1*SU**92*5626260 N/L	Supplier (SU); Assigned by Navistar (92); Supplier Code is 5626260;
MSG*FREE FORM MESSAGE N/L	Free Form Text Message;
PO1*1*50*EA*2.23*PE*BP*FP312465 N/L	Assigned Id is 1; Order Quantity is 50 pieces (EA); Price 2.23 per each (PE); Buyer's Part Number (BP) FP312465;
ACK*DR*50*EA N/L	Line Item Status Code is (DR) Accepted – Date Rescheduled; Quantity is 50 pieces (EA);
SCH*25*EA***011*20120728 N/L	Quantity is 25 pieces (EA); Shipped (011); Ship Date July 25, 2012;
REF*SS*12*ASN SENT N/L	Split Shipment (SS); ASN Sent (12);
SCH*25*EA***139*20120808 N/L	Quantity is 25 pieces (EA); Estimated Shipment (139); Date August 08, 2012;
REF*SS*01*CAPACITY N/L	Split Shipment (SS); Capacity Issues (01);
PO1*2*25*EA*3.28*PE*BP*FP312466 N/L	Assigned Id is 2; Order Quantity is 25 pieces (EA); Price 3.28 per each (PE); Buyer's Part Number (BP) FP312466;
ACK*IA*25*EA N/L	Line Item Status Code is (IA) – Item accepted; Quantity is 25 pieces (EA);
SCH*25*EA***079*20120828 N/L	Quantity is 25 pieces (EA); Promised for Shipment (079); Date August 28, 2012;
REF*ZZ*06*TIER TWO SUPPLIER ISSUE N/L	Reason for late ship date (06); Tier Two Supplier Issue;
PO1*3*5*EA*32.28*PE*BP*FP312467 N/L	Assigned Id is 3; Order Quantity is 5 pieces (EA); Price 32.23 per each (PE); Buyer's Part Number (BP) FP312467;
ACK*IA*5*EA N/L	Line Item Status Code is (IA) – Item accepted; Quantity is 5 pieces (EA);
SCH*5*EA***079*20120726 N/L	Quantity is 5 pieces (EA); Promised for Shipment (079); Date July 27, 2012;
CTT*3 N/L	Number of Line Item segments included is 3;
SE*19*0001 N/L	Number of included segments is 19; Transaction Set Control Number is 0001.