

## The Purchase Order Acknowledgment - 855



The electronic purchase order acknowledgement will typically contain exception-only information provided by the supplier about the customer's purchase order, such as:

- ❖ A part ordered has been superseded, and the superseding part is being shipped;
- ❖ A part ordered is obsolete, and cannot be provided;
- ❖ A quantity ordered is being changed to match minimum or multiple quantities offered by the supplier; or,
- ❖ A part offered will be shipped from a special distribution point, and won't be included with the regular shipment.

This information referenced on the purchase order acknowledgment is currently included on the shipment packing slip. However, when the distributor does not know the information until the shipment is received, confusion occurs during the receiving function. Because the supplier knows of these exceptions when the customer's order is first processed, the exceptions can be electronically transmitted to the customer in advance of shipment receipt. In that way exceptions are greatly reduced:

- ❖ Unexpected, superseding parts received are known in advance;
- ❖ Other actions can be promptly taken to find obsolete parts;
- ❖ Unexpected quantities are known in advance; and,
- ❖ Multiple shipment receipts can be planned.

The distributor would likely integrate the purchase order acknowledgment into his purchasing system, and allow an audit modification of the original purchase order. Therefore, receiving operations continue unchanged while exceptions decrease dramatically.

# ASC X12 855 Purchase Order Acknowledgment

## Sample Transaction:

ST\*855\*121653^  
BAK\*00\*AC\*AEL12345\*950123\*\*\*\*\*950123^  
CUR\*BY\*USA^  
FOB\*CC^  
DTM\*085\*950124\*1659\*\*19^  
N1\*Sf\*\*91\*H98111A1^  
N1\*ST\*\*92\*123456789^  
PO1\*1\*4\*EA\*12345\*NT\*VN\*RP1045^  
CTP\*\*CHG\*12456^  
PID\*F\*\*\*\*RACK & PINION^  
REF\*CT\*NIFTY50^  
SDQ\*EA\*1\*123456789\*2^  
DTM\*085\*950125\*1659\*\*19^  
ACK\*IC\*5\*EA\*088\*950123\*\*VP\*RP1945^  
CTT\*1\*4^  
SE\*17\*121653^

## 855 SEGMENTS

<b>HEADING</b>	<b>DETAIL</b>	<b>SUMMARY</b>
<b>ST</b>	<b>PO1</b>	<b>CTT</b>
<b>BAK</b>	<b>CTP</b>	<b>SE</b>
<b>CUR</b>	<b>PID</b>	
<b>FOB</b>	<b>REF</b>	
<b>DTM</b>	<b>SDQ</b>	
<b>N1</b>	<b>DTM</b>	
	<b>ACK</b>	

# 855 Purchase Order Acknowledgment

Functional Group ID=**PR**

## Introduction:

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:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
	040	CUR	Currency	O	1		
	080	FOB	F.O.B. Related Instructions	O	1		
	150	DTM	Date/Time/Period	O	10		
LOOP ID - N1						200	
	300	N1	Name	O	1		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - PO1						100000	
	010	PO1	Baseline Item Data	O	1		n1
	040	CTP	Pricing Information	O	25		
LOOP ID - PID						1000	
	050	PID	Product/Item Description	O	1		
	100	REF	Reference Numbers	O	12		
	190	SDQ	Destination Quantity	O	500		
	200	DTM	Date/Time/Period	O	10		
LOOP ID - ACK						104	
	270	ACK	Line Item Acknowledgment	O	1		

## Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	CTT	Transaction Totals	M	1		n2
Must Use	030	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. PO102 is required.
2. 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.

**Segment:** **ST** Transaction Set Header

**Position:** 010

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

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

**Syntax Notes:**

**Semantic Notes:** 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).

**Comments:**

**Notes:** Segment Example: ST\*855\*121653^

#### Data Element Summary

	<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
>>	ST01	143	<b>Transaction Set Identifier Code</b>	M ID 3/3
			Code uniquely identifying a Transaction Set	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
>>	ST02	329	<b>Transaction Set Control Number</b>	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

**Segment:** **BAK** Beginning Segment for Purchase Order Acknowledgment  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

**Syntax Notes:**

**Semantic Notes:** 1 BAK08 is the seller's order number.

**Comments:**

**Notes:** Segment Example: BAK\*00\*AC\*AEL12345\*950123\*\*\*\*\*950123^

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
>> BAK01	353	<b>Transaction Set Purpose Code</b>		<b>M ID 2/2</b>
		Code identifying purpose of transaction set		
		Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.		
		00 Original		
		04 Change		
>> BAK02	587	<b>Acknowledgment Type</b>		<b>M ID 2/2</b>
		Code specifying the type of acknowledgment		
		Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.		
		AC Acknowledge - With Detail and Change		
		AE Acknowledge - With Exception Detail Only		
		AK Acknowledge - No Detail or Change		
		AP Acknowledge - Product Replenishment		
		RD Reject with Detail		
>> BAK03	324	<b>Purchase Order Number</b>		<b>M AN 1/22</b>
		Identifying number for Purchase Order assigned by the orderer/purchaser		
>> BAK04	323	<b>Purchase Order Date</b>		<b>M DT 6/6</b>
		Date assigned by the purchaser to Purchase Order		
BAK09	588	<b>Acknowledgment Date</b>		<b>O DT 6/6</b>
		Date assigned by the sender to the acknowledgment.		

**Segment:** **CUR** Currency  
**Position:** 040  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax Notes:**

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR11 is present, then CUR10 is required.
- 4 If CUR12 is present, then CUR10 is required.
- 5 If CUR14 is present, then CUR13 is required.
- 6 If CUR15 is present, then CUR13 is required.
- 7 If CUR17 is present, then CUR16 is required.
- 8 If CUR18 is present, then CUR16 is required.
- 9 If CUR20 is present, then CUR19 is required.
- 10 If CUR21 is present, then CUR19 is required.

**Semantic Notes:**

**Comments:** 1 See Figures Appendix for examples detailing the use of the CUR segment.  
**Notes:** Segment Example: CUR\*BY\*USA.

This is an optional segment.

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
>> CUR01	98	Entity Identifier Code		M ID 2/2
		Code identifying an organizational entity, a physical location, or an individual		
		Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.		
		BY	Buying Party (Purchaser)	
		SE	Selling Party	
>> CUR02	100	Currency Code		M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified		

**Segment:** **FOB** F.O.B. Related Instructions

**Position:** 080

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify transportation instructions relating to shipment

- Syntax Notes:**
- 1 If FOB03 is present, then FOB02 is required.
  - 2 If FOB04 is present, then FOB05 is required.
  - 3 If FOB07 is present, then FOB06 is required.
  - 4 If FOB08 is present, then FOB09 is required.

- Semantic Notes:**
- 1 FOB01 indicates which party will pay the carrier.
  - 2 FOB02 is the code specifying transportation responsibility location.
  - 3 FOB06 is the code specifying the title passage location.
  - 4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:**

**Notes:** Segment Example: FOB\*CC^

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	FOB01	146	Shipment Method of Payment	M ID 2/2
			Code identifying payment terms for transportation charges	
			Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.	
			BP	Paid by Buyer
				The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)
			CC	Collect
			PC	Prepaid but Charged to Customer
			PP	Prepaid (by Seller)
			PU	Pickup

**Segment:** **DTM** Date/Time/Period  
**Position:** 150  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 or DTM03 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** Segment Example: DTM\*085\*950124\*1659\*\*19^

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>> DTM01	374	Date/Time Qualifier	M	ID 3/3
		Code specifying type of date or time, or both date and time		
		Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.		
		011 Shipped		
		072 Promised for Delivery (After and Including)		
		075 Promised for Delivery (Prior to and Including)		
		082 Promised for Shipment (After and Including)		
		085 Promised for Shipment (Prior to and Including)		
		088 Promised for Shipment (Week of)		
		101 No Production Schedule Established as of		
DTM02	373	Date	X	DT 6/6
		Date (YYMMDD)		
DTM03	337	Time	X	TM 4/6
		Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)		
DTM05	624	Century	O	N0 2/2
		The first two characters in the designation of the year (CCYY)		

**Segment:** **N1** Name

**Position:** 300

**Loop:** N1

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

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

**Syntax Notes:** 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

**Semantic Notes:**

**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.

**Notes:** Segment Example: N1\*ST\*\*92\*123456789^

This is an optional segment.

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
>> N101	98 Entity Identifier Code	M ID 2/2
	Code identifying an organizational entity, a physical location, or an individual	
	Suggested code for aftermarket usage. Any ASC X12 approved code may be used.	
	SF Ship From	
	ST Ship To	
N103	66 Identification Code Qualifier	X ID 1/2
	Code designating the system/method of code structure used for Identification Code (67)	
	Suggested codes for aftermarket usage. Any ASC X12 approved codes may be used.	
	91 Assigned by Seller or Seller's Agent	
	92 Assigned by Buyer or Buyer's Agent	
N104	67 Identification Code	X AN 2/17
	Code identifying a party or other code	

**Segment:** **PO1** **Baseline Item Data**

**Position:** 010

**Loop:** PO1

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

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

- Syntax Notes:**
- 1 If PO103 is present, then PO102 is required.
  - 2 If PO105 is present, then PO104 is required.
  - 3 If PO106 is present, then PO107 is required.
  - 4 If PO108 is present, then PO109 is required.
  - 5 If PO110 is present, then PO111 is required.
  - 6 If PO112 is present, then PO113 is required.
  - 7 If PO114 is present, then PO115 is required.
  - 8 If PO116 is present, then PO117 is required.
  - 9 If PO118 is present, then PO119 is required.
  - 10 If PO120 is present, then PO121 is required.
  - 11 If PO122 is present, then PO123 is required.
  - 12 If PO124 is present, then PO125 is required.

**Semantic Notes:**

- Comments:**
- 1 See the Data Dictionary for a complete list of ID's.
  - 2 PO101 is the line item identification.
  - 3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

**Notes:** Segment Example: PO1\*1\*4\*EA\*12345\*NT\*VN\*RP1045^

**Data Element Summary**

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
<b>PO101</b>	<b>350 Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set This element is required if the purchase order was received with line numbers. If the p.o. was received without line numbers the original part number may be substituted.	<b>O AN 1/11</b>
<b>PO102</b>	<b>330 Quantity Ordered</b> Quantity ordered Value should be the same as that on the original p.o.	<b>X R 1/9</b>
<b>PO103</b>	<b>355 Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Value should be the same as that on the original p.o. Refer to 003030 Data Element Dictionary for acceptable code values.	<b>O ID 2/2</b>
<b>PO104</b>	<b>212 Unit Price</b>	<b>X R 1/14</b>

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

Use the CTP segment to communicate a price change. Use this element only when communicating the same price as on the original p.o.

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

Code identifying the type of unit price for an item

Value should be the same as that on the original p.o.

Refer to 003030 Data Element Dictionary for acceptable code values.

**PO106**      **235**      **Product/Service ID Qualifier**      **O**      **ID 2/2**

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

Value should be the same as that on the original p.o.

If PO106 and PO107 elements are not used, the PID segment must be included.

Refer to 003030 Data Element Dictionary for acceptable code values.

**PO107**      **234**      **Product/Service ID**      **X**      **AN 1/30**

Identifying number for a product or service

Value should be the same as that on the original p.o.

**Segment:** **CTP Pricing Information**

**Position:** 040

**Loop:** PO1

**Level:** Detail

**Usage:** Optional

**Max Use:** 25

**Purpose:** To specify pricing information

**Syntax Notes:** 1 If CTP04 is present, then CTP05 is required.

2 If CTP06 is present, then CTP07 is required.

**Semantic Notes:** 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.

2 CTP08 is the rebate amount.

**Comments:** 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04.  
See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

**Notes:** Segment Example: CTP\*\*CHG\*12456^

#### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element Name</b>	
<b>CTP02</b>	<b>236 Price Identifier Code</b>	<b>O ID 3/3</b>
	Code identifying pricing specification	
	Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.	
	CHG Changed Price	
	NET Net Item Price	
<b>CTP03</b>	<b>212 Unit Price</b>	<b>O R 1/14</b>
	Price per unit of product, service, commodity, etc.	

**Segment:** **PID** Product/Item Description

**Position:** 050

**Loop:** PID

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To describe a product or process in coded or free-form format

- Syntax Notes:**
- 1 If PID04 is present, then PID03 is required.
  - 2 At least one of PID04 or PID05 is required.
  - 3 If PID07 is present, then PID03 is required.
  - 4 If PID08 is present, then PID03 is required.

- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
  - 2 PID04 should be used for industry-specific product description codes.
  - 3 PID08 describes the physical characteristics of the product identified in PID04. A ``Y" indicates that the specified attribute applies to this item. A ``N" indicates it does not apply. Any other value is indeterminate.

- Comments:**
- 1 If PID01 = ``F", then PID05 is used. If PID01 = ``S", then PID04 is used. If PID01 = ``X", then both PID04 and PID05 are used.
  - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - 3 PID07 specifies the individual code list of the agency specified in PID03.

**Notes:** Segment Example: PID\*F\*\*\*\*RACK & PINION^  
This is an optional segment.

### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> PID01	349	Item Description Type	M ID 1/1
		Code indicating the format of a description	
		Suggested code for aftermarket usage. Any ASC X12 approved code may be used.	
		F Free-form	
PID05	352	Description	X AN 1/80
		A free-form description to clarify the related data elements and their content	
		Use this element only if no part number was included in the original p.o.	

**Segment:** **REF** Reference Numbers  
**Position:** 100  
**Loop:** PO1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify identifying numbers.  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** Segment Example: REF\*CT\*NIFTY50^  
This is an optional segment.

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> REF01	128	Reference Number Qualifier	M ID 2/2
		Code qualifying the Reference Number.	
		Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.	
		CT Contract Number	
		IA Internal Vendor Number	
		PR Price Quote Number	
		RE Release Number	
		VN Vendor Order Number	
REF02	127	Reference Number	X AN 1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	

**Segment:** **SDQ** Destination Quantity

**Position:** 190

**Loop:** PO1

**Level:** Detail

**Usage:** Optional

**Max Use:** 500

**Purpose:** To specify destination and quantity detail

**Syntax Notes:**

- 1 If SDQ05 is present, then SDQ06 is required.
- 2 If SDQ07 is present, then SDQ08 is required.
- 3 If SDQ09 is present, then SDQ10 is required.
- 4 If SDQ11 is present, then SDQ12 is required.
- 5 If SDQ13 is present, then SDQ14 is required.
- 6 If SDQ15 is present, then SDQ16 is required.
- 7 If SDQ17 is present, then SDQ18 is required.
- 8 If SDQ19 is present, then SDQ20 is required.
- 9 If SDQ21 is present, then SDQ22 is required.

**Semantic Notes:**

**Comments:** 1 SDQ02 is used only if different than previously defined in the transaction set.

**Notes:** Segment Example: SDQ\*EA\*1\*123456789\*2^

This is an optional segment.

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	SDQ01	355	<b>Unit or Basis for Measurement Code</b>	<b>M ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Value should be the same as that on the original p.o.	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
	SDQ02	66	<b>Identification Code Qualifier</b>	<b>O ID 1/2</b>
			Code designating the system/method of code structure used for Identification Code (67)	
			Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.	
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		91	Assigned by Seller or Seller's Agent	
		92	Assigned by Buyer or Buyer's Agent	
>>	SDQ03	67	<b>Identification Code</b>	<b>M AN 2/17</b>
			Code identifying a party or other code	
>>	SDQ04	380	<b>Quantity</b>	<b>M R 1/15</b>
			Numeric value of quantity	

**Segment:** **DTM** Date/Time/Period  
**Position:** 200  
**Loop:** PO1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 or DTM03 is required.  
**Semantic Notes:**  
**Comments:**  
**Notes:** Segment Example: DTM\*085\*950125\*1659\*\*19^  
This is an optional segment.

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
>> DTM01	374	Date/Time Qualifier		M ID 3/3
		Code specifying type of date or time, or both date and time		
		Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.		
		011 Shipped		
		072 Promised for Delivery (After and Including)		
		075 Promised for Delivery (Prior to and Including)		
		078 Promised for Delivery (Week of)		
		082 Promised for Shipment (After and Including)		
		085 Promised for Shipment (Prior to and Including)		
		088 Promised for Shipment (Week of)		
		101 No Production Schedule Established as of		
DTM02	373	Date		X DT 6/6
		Date (YYMMDD)		
DTM03	337	Time		X TM 4/6
		Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)		
DTM05	624	Century		O N0 2/2
		The first two characters in the designation of the year (CCYY)		

**Segment:** **ACK** Line Item Acknowledgment  
**Position:** 270  
**Loop:** ACK  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To acknowledge the ordered quantities and specify the ready date for a specific line item

- Syntax Notes:**
- 1 If ACK02 is present, then ACK03 is required.
  - 2 If ACK04 is present, then ACK05 is required.
  - 3 If ACK07 is present, then ACK08 is required.
  - 4 If ACK09 is present, then ACK10 is required.
  - 5 If ACK11 is present, then ACK12 is required.
  - 6 If ACK13 is present, then ACK14 is required.
  - 7 If ACK15 is present, then ACK16 is required.
  - 8 If ACK17 is present, then ACK18 is required.
  - 9 If ACK19 is present, then ACK20 is required.
  - 10 If ACK21 is present, then ACK22 is required.
  - 11 If ACK23 is present, then ACK24 is required.
  - 12 If ACK25 is present, then ACK26 is required.
  - 13 If either ACK27 or ACK28 is present, then the other is required.
  - 14 If ACK28 is present, then both ACK27 and ACK29 are required.

**Semantic Notes:** 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.

**Comments:**

**Notes:** Segment Example: ACK\*IC\*5\*EA\*088\*950123\*\*VP\*RP1945^  
This is an optional segment.

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> ACK01	668	Line Item Status Code	M ID 2/2
		Code specifying the action taken by the seller on a line item requested by the buyer	
		Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.	
		Use this element only when the value in the BAK02 is "AC."	
		BP Item Accepted - Partial Shipment, Balance Backordered	
		DR Item Accepted - Date Rescheduled	
		IB Item Backordered	
		IC Item Accepted - Changes Made	
		IP Item Accepted - Price Changed	
		IQ Item Accepted - Quantity Changed	
		IR Item Rejected	

		IS	Item Accepted - Substitution Made	
		SP	Item Accepted - Schedule Date Pending	
<b>ACK02</b>	<b>380</b>	<b>Quantity</b>		<b>O R 1/15</b>
		Numeric value of quantity		
<b>ACK03</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>X ID 2/2</b>
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
		Suggested values for aftermarket usage. Any ASC X12 approved code may be used.		
		CA	Case	
		EA	Each	
		FT	Foot	
		MR	Meter	
		P4	Four-pack	
		P6	Six pack	
		P8	Eight-pack	
<b>ACK04</b>	<b>374</b>	<b>Date/Time Qualifier</b>		<b>O ID 3/3</b>
		Code specifying type of date or time, or both date and time		
		Suggested values for aftermarket usage. Any ASC X12 approved code may be used.		
		011	Shipped	
		072	Promised for Delivery (After and Including)	
		075	Promised for Delivery (Prior to and Including)	
		078	Promised for Delivery (Week of)	
		082	Promised for Shipment (After and Including)	
		085	Promised for Shipment (Prior to and Including)	
		088	Promised for Shipment (Week of)	
		101	No Production Schedule Established as of	
<b>ACK05</b>	<b>373</b>	<b>Date</b>		<b>X DT 6/6</b>
		Date (YYMMDD)		
<b>ACK07</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>		<b>O ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		Suggested codes for aftermarket usage. Any ASC X12 approved code may be used.		
		BL	Brand/Label	
		BP	Buyer's Part Number	
		MF	Manufacturer	
		MG	Manufacturer's Part Number	
		UP	U.P.C. Consumer Package Code (1-5-5-1)	
		VN	Vendor's (Seller's) Item Number	
		VP	Vendor's (Seller's) Part Number	

**ACK08**

**234**

**Product/Service ID**

**X AN 1/30**

Identifying number for a product or service

**Segment:** **CTT Transaction Totals**

**Position:** 010

**Loop:**

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

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

**Syntax Notes:** 1 If CTT03 is present, then CTT04 is required.

2 If CTT05 is present, then CTT06 is required.

**Semantic Notes:**

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

**Notes:** Segment Example: CTT\*1\*4^

#### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>
>>	<b>Des.</b>	<b>354</b>	<b>Number of Line Items</b>	<b>M N0 1/6</b>
			Total number of line items in the transaction set	
	<b>CTT02</b>	<b>347</b>	<b>Hash Total</b>	<b>O R 1/10</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.

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**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).

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 SE is the last segment of each transaction set.

**Notes:** Segment Example: SE\*15\*121653^

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>> SE01	96	Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
>> SE02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	