

## 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- ❖ A part ordered has been superseded, and the superseding part is being shipped;
- ❖ A part ordered is obsolete, and cannot be provided;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		
Not Used	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	25		
Not Used	100	SSS	Special Services	O	25		
Not Used	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		
Not 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		
	150	DTM	Date/Time/Period	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	SI	Service Characteristic Identification	O	2		
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	
			<b>LOOP ID - N9</b>	<b>1000</b>		
Not Used	280	N9	Reference Number	O	1	
Not Used	290	MSG	Message Text	O	1000	
			<b>LOOP ID - N1</b>	<b>200</b>		
	300	N1	Name	O	1	
Not 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	Real Estate Property ID Component	O	3	
Not Used	340	REF	Reference Numbers	O	12	
Not Used	350	PER	Administrative Communications Contact	O	3	
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	

## 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>
			<b>LOOP ID - PO1</b>			<b>100000</b>
	010	PO1	Baseline Item Data	O	1	n2
Not Used	018	SI	Service Characteristic Identification	O	5	
Not Used	020	CUR	Currency	O	1	
Not Used	030	PO3	Additional Item Detail	O	25	
	040	CTP	Pricing Information	O	25	
Not Used	049	MEA	Measurements	O	40	
			<b>LOOP ID - PID</b>			<b>1000</b>
	050	PID	Product/Item Description	O	1	
Not Used	060	MEA	Measurements	O	10	
Not Used	070	PWK	Paperwork	O	25	
Not Used	080	PKG	Marking, Packaging, Loading	O	25	
Not Used	090	PO4	Item Physical Details	O	1	
	100	REF	Reference Numbers	O	12	
Not Used	110	PER	Administrative Communications Contact	O	3	
Not Used	120	SSS	Special Services	O	25	
Not Used	130	ITA	Allowance, Charge or Service	O	10	
Not Used	140	IT8	Conditions of Sale	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	3	
Not Used	180	FOB	F.O.B. Related Instructions	O	1	

	190	SDQ	Destination Quantity	O	500	
	200	DTM	Date/Time/Period	O	10	
Not Used	210	LDT	Lead Time	O	12	
Not Used	220	SCH	Line Item Schedule	O	200	n3
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	
LOOP ID - ACK					104	
	270	ACK	Line Item Acknowledgment	O	1	
Not Used	280	DTM	Date/Time/Period	O	1	
Not Used	290	MAN	Marks and Numbers	O	10	
Not Used	300	AMT	Monetary Amount	O	1	n4
LOOP ID - N9					1000	
Not Used	350	N9	Reference Number	O	1	
Not Used	360	MSG	Message Text	O	1000	
LOOP ID - N1					200	
Not Used	370	N1	Name	O	1	
Not Used	380	N2	Additional Name Information	O	2	
Not Used	390	N3	Address Information	O	2	
Not Used	400	N4	Geographic Location	O	1	
Not Used	405	NX2	Real Estate Property ID Component	O	3	
Not Used	410	REF	Reference Numbers	O	12	
Not Used	420	PER	Administrative Communications Contact	O	3	
Not Used	430	FOB	F.O.B. Related Instructions	O	1	
Not Used	440	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	450	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	460	TD3	Carrier Details (Equipment)	O	12	
Not Used	470	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	480	PKG	Marking, Packaging, Loading	O	25	
LOOP ID - SLN					1000	
Not Used	490	SLN	Subline Item Detail	O	1	
Not Used	500	SI	Service Characteristic Identification	O	5	
Not Used	510	PID	Product/Item Description	O	1000	
Not Used	520	PO3	Additional Item Detail	O	25	
Not Used	530	ACK	Line Item Acknowledgment	O	104	
Not Used	540	ITA	Allowance, Charge or Service	O	10	
Not Used	550	DTM	Date/Time/Period	O	10	
LOOP ID - N1					10	
Not Used	560	N1	Name	O	1	
Not Used	570	N2	Additional Name Information	O	2	
Not Used	580	N3	Address Information	O	2	
Not Used	590	N4	Geographic Location	O	1	

Not Used	600	NX2	Real Estate Property ID Component	O	3		
Not Used	610	REF	Reference Numbers	O	12		
Not Used	620	PER	Administrative Communications Contact	O	3		

## 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		n5
Not Used	020	AMT	Monetary Amount	O	1		n6
Must Use	030	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. PO102 is required.
3. 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.
4. If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.
5. 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.
6. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

**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			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
>>	BAK01	353	<b>Transaction Set Purpose Code</b>	M ID 2/2
			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>	M ID 2/2
			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>	M AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	
>>	BAK04	323	<b>Purchase Order Date</b>	M DT 6/6
			Date assigned by the purchaser to Purchase Order	
X	BAK05	328	<b>Release Number</b>	O AN 1/30
			Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
X	BAK06	326	<b>Request Reference Number</b>	O AN 1/45
			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)	
X	BAK07	367	<b>Contract Number</b>	O AN 1/30

			Contract number	
<b>X</b>	<b>BAK08</b>	<b>127</b>	<b>Reference Number</b>	<b>O AN 1/30</b>
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	<b>BAK09</b>	<b>588</b>	<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>
>>	<b>CUR01</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>M ID 2/2</b>
			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	
>>	<b>CUR02</b>	<b>100</b>	<b>Currency Code</b>	<b>M ID 3/3</b>
			Code (Standard ISO) for country in whose currency the charges are specified	
X	<b>CUR03</b>	<b>280</b>	<b>Exchange Rate</b>	<b>O R 4/6</b>
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
X	<b>CUR04</b>	<b>98</b>	<b>Entity Identifier Code</b>	<b>O ID 2/2</b>
			Code identifying an organizational entity, a physical location, or an individual	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
X	<b>CUR05</b>	<b>100</b>	<b>Currency Code</b>	<b>O ID 3/3</b>
			Code (Standard ISO) for country in whose currency the charges are	

			specified		
X	CUR06	669	<b>Currency Market/Exchange Code</b>	O	ID 3/3
			Code identifying the market upon which the currency exchange rate is based		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	CUR07	374	<b>Date/Time Qualifier</b>	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	CUR08	373	<b>Date</b>	O	DT 6/6
			Date (YYMMDD)		
X	CUR09	337	<b>Time</b>	O	TM 4/6
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)		
X	CUR10	374	<b>Date/Time Qualifier</b>	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	CUR11	373	<b>Date</b>	O	DT 6/6
			Date (YYMMDD)		
X	CUR12	337	<b>Time</b>	O	TM 4/6
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)		
X	CUR13	374	<b>Date/Time Qualifier</b>	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	CUR14	373	<b>Date</b>	O	DT 6/6
			Date (YYMMDD)		
X	CUR15	337	<b>Time</b>	O	TM 4/6
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)		
X	CUR16	374	<b>Date/Time Qualifier</b>	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	CUR17	373	<b>Date</b>	O	DT 6/6
			Date (YYMMDD)		
X	CUR18	337	<b>Time</b>	O	TM 4/6
			Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)		
X	CUR19	374	<b>Date/Time Qualifier</b>	X	ID 3/3
			Code specifying type of date or time, or both date and time		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	CUR20	373	<b>Date</b>	O	DT 6/6

**X**      **CUR21**      **337**      **Date (YYMMDD)**  
**Time**      **O**      **TM 4/6**  
Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)

**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
X	FOB02	309	Location Qualifier	X ID 1/2
			Code identifying type of location	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
X	FOB03	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	
X	FOB04	334	Transportation Terms Qualifier Code	O ID 2/2
			Code identifying the source of the transportation terms	
			Refer to 003030 Data Element Dictionary for acceptable code values.	

<b>X</b>	<b>FOB05</b>	<b>335</b>	<b>Transportation Terms Code</b>	<b>X</b>	<b>ID 3/3</b>
			Code identifying the trade terms which apply to the shipment transportation responsibility		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>FOB06</b>	<b>309</b>	<b>Location Qualifier</b>	<b>X</b>	<b>ID 1/2</b>
			Code identifying type of location		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>FOB07</b>	<b>352</b>	<b>Description</b>	<b>O</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		
<b>X</b>	<b>FOB08</b>	<b>54</b>	<b>Risk of Loss Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code specifying where responsibility for risk of loss passes		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>FOB09</b>	<b>352</b>	<b>Description</b>	<b>X</b>	<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content		

**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)	
X	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
	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**

Ref.	Data			Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>		
>>	N101	98	<b>Entity Identifier Code</b>	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	
X	N102	93	<b>Name</b>	X AN 1/35
			Free-form name	
	N103	66	<b>Identification Code Qualifier</b>	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	<b>Identification Code</b>	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.

	<b>PO105</b>	<b>639</b>	<b>Basis of Unit Price Code</b>	<b>O</b>	<b>ID 2/2</b>
			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.		
	<b>PO106</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			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.		
	<b>PO107</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
			Value should be the same as that on the original p.o.		
<b>X</b>	<b>PO108</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>PO116</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>

			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	PO117	234	<b>Product/Service ID</b>	X	AN 1/30
			Identifying number for a product or service		
X	PO118	235	<b>Product/Service ID Qualifier</b>	O	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	PO119	234	<b>Product/Service ID</b>	X	AN 1/30
			Identifying number for a product or service		
X	PO120	235	<b>Product/Service ID Qualifier</b>	O	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	PO121	234	<b>Product/Service ID</b>	X	AN 1/30
			Identifying number for a product or service		
X	PO122	235	<b>Product/Service ID Qualifier</b>	O	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	PO123	234	<b>Product/Service ID</b>	X	AN 1/30
			Identifying number for a product or service		
X	PO124	235	<b>Product/Service ID Qualifier</b>	O	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	PO125	234	<b>Product/Service ID</b>	X	AN 1/30
			Identifying number for a product or service		

**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>Element</b>	<b>Name</b>	<b>Attributes</b>
X	CTP01	687	<b>Class of Trade Code</b> Code indicating class of trade Refer to 003030 Data Element Dictionary for acceptable code values.	O ID 2/2
	CTP02	236	<b>Price Identifier Code</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	O ID 3/3
	CTP03	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	O R 1/14
X	CTP04	380	<b>Quantity</b> Numeric value of quantity	O R 1/15
X	CTP05	355	<b>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 Refer to 003030 Data Element Dictionary for acceptable code values.	X ID 2/2
X	CTP06	648	<b>Price Multiplier Qualifier</b> Code indicating the type of price multiplier Refer to 003030 Data Element Dictionary for acceptable code values.	O ID 3/3
X	CTP07	649	<b>Multiplier</b> Value to be used as a multiplier to obtain a new value	X R 1/10
X	CTP08	782	<b>Monetary Amount</b>	O R 1/15

Monetary amount

**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	
X	PID02	750	Product/Process Characteristic Code	O ID 2/3
			Code identifying the general class of a product or process characteristic	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
X	PID03	559	Agency Qualifier Code	X ID 2/2
			Code identifying the agency assigning the code values	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
X	PID04	751	Product Description Code	X AN 1/12
			A code from an industry code list which provides specific data about a product characteristic	
	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.

X	PID06	752	<b>Surface/Layer/Position Code</b>	<b>O ID 2/2</b>
			Code indicating the product surface, layer or position that is being described	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
X	PID07	822	<b>Source Subqualifier</b>	<b>O AN 1/15</b>
			A reference that indicates the table or text maintained by the Source Qualifier	
X	PID08	1073	<b>Yes/No Condition or Response Code</b>	<b>O ID 1/1</b>
			Code indicating a Yes or No condition or response	
			Refer to 003030 Data Element Dictionary for acceptable code values.	

**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	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	<b>REF01</b>	<b>128 Reference Number Qualifier</b>	<b>M ID 2/2</b>
		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	
	<b>REF02</b>	<b>127 Reference Number</b>	<b>X AN 1/30</b>
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
X	<b>REF03</b>	<b>352 Description</b>	<b>X AN 1/80</b>
		A free-form description to clarify the related data elements and their content	

**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	
X	SDQ05	67	<b>Identification Code</b>	<b>O AN 2/17</b>

			Code identifying a party or other code		
X	SDQ06	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
X	SDQ07	67	<b>Identification Code</b>	O	AN 2/17
			Code identifying a party or other code		
X	SDQ08	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
X	SDQ09	67	<b>Identification Code</b>	O	AN 2/17
			Code identifying a party or other code		
X	SDQ10	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
X	SDQ11	67	<b>Identification Code</b>	O	AN 2/17
			Code identifying a party or other code		
X	SDQ12	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
X	SDQ13	67	<b>Identification Code</b>	O	AN 2/17
			Code identifying a party or other code		
X	SDQ14	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
X	SDQ15	67	<b>Identification Code</b>	O	AN 2/17
			Code identifying a party or other code		
X	SDQ16	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
X	SDQ17	67	<b>Identification Code</b>	O	AN 2/17
			Code identifying a party or other code		
X	SDQ18	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
X	SDQ19	67	<b>Identification Code</b>	O	AN 2/17
			Code identifying a party or other code		
X	SDQ20	380	<b>Quantity</b>	X	R 1/15
			Numeric value of quantity		
X	SDQ21	67	<b>Identification Code</b>	O	AN 2/17
			Code identifying a party or other code		
X	SDQ22	380	<b>Quantity</b>	X	R 1/15
			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	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	<b>DTM01</b>	<b>374 Date/Time Qualifier</b>	<b>M ID 3/3</b>
		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	
	<b>DTM02</b>	<b>373 Date</b>	<b>X DT 6/6</b>
		Date (YYMMDD)	
	<b>DTM03</b>	<b>337 Time</b>	<b>X TM 4/6</b>
		Time expressed in 24-hour clock time (HHMMSS) (Time range: 000000 through 235959)	
X	<b>DTM04</b>	<b>623 Time Code</b>	<b>O ID 2/2</b>
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		Refer to 003030 Data Element Dictionary for acceptable code values.	
	<b>DTM05</b>	<b>624 Century</b>	<b>O NO 2/2</b>
		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	
ACK02	380	<b>Quantity</b>		<b>O R 1/15</b>
			Numeric value of quantity	
ACK03	355	<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	
ACK04	374	<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	
ACK05	373	<b>Date</b>		<b>X DT 6/6</b>
			Date (YYMMDD)	
X	ACK06	326	<b>Request Reference Number</b>	<b>O AN 1/45</b>
			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)	
ACK07	235	<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

	<b>ACK08</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>ACK09</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>ACK10</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>ACK11</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>ACK12</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>ACK13</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>ACK14</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>ACK15</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>ACK16</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>ACK17</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>ACK18</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>
			Identifying number for a product or service		
<b>X</b>	<b>ACK19</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>O</b>	<b>ID 2/2</b>
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
<b>X</b>	<b>ACK20</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN 1/30</b>

			Identifying number for a product or service		
X	ACK21	235	<b>Product/Service ID Qualifier</b>	O	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	ACK22	234	<b>Product/Service ID</b>	X	AN 1/30
			Identifying number for a product or service		
X	ACK23	235	<b>Product/Service ID Qualifier</b>	O	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	ACK24	234	<b>Product/Service ID</b>	X	AN 1/30
			Identifying number for a product or service		
X	ACK25	235	<b>Product/Service ID Qualifier</b>	O	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	ACK26	234	<b>Product/Service ID</b>	X	AN 1/30
			Identifying number for a product or service		
X	ACK27	559	<b>Agency Qualifier Code</b>	X	ID 2/2
			Code identifying the agency assigning the code values		
			Refer to 003030 Data Element Dictionary for acceptable code values.		
X	ACK28	822	<b>Source Subqualifier</b>	X	AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier		
X	ACK29	1271	<b>Industry Code</b>	X	AN 1/20
			Code indicating a code from a specific industry code list		

**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**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	CTT01	354	<b>Number of Line Items</b>	<b>M N0 1/6</b>
			Total number of line items in the transaction set	
	CTT02	347	<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.	
X	CTT03	81	<b>Weight</b>	<b>O R 1/10</b>
			Numeric value of weight	
X	CTT04	355	<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	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
X	CTT05	183	<b>Volume</b>	<b>O R 1/8</b>
			Value of volumetric measure	
X	CTT06	355	<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	
			Refer to 003030 Data Element Dictionary for acceptable code values.	
X	CTT07	352	<b>Description</b>	<b>O AN 1/80</b>

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

**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	