

KeHE Distributors 855 Purchase Order Acknowledgment

X12/V5010/855 : 855 Purchase Order Acknowledgment

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Notes:	

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855 Purchase Order Acknowledgment

Functional Group=PR

Purpose: This X12 Transaction Set 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.

General Usage:

KeHE expects all Purchase Orders to be acknowledged with a Purchase Order Acknowledgment within 48 hours or two business days of receipt of the PO.

KeHE will accept multiple iterations of the Purchase Order Acknowledgment. Additional acknowledgments should be sent if your ability to fulfill the order changes.

Ready to Ship Process: For KeHE Ready to Ship Suppliers/FOB Purchase Orders (where KeHE manages the transportation) two Acknowledgements are required:

- 1. Send the first as normal within 48 hours of receiving the Order.*
- 2. Send the second at least four business days prior to the Purchase Order Ready Date allowing for three full business days for processing appointments.*

Change History:

January 2025:

- Added VR as an allowed REF01 code*
- Updated N101=BY to be conditional - required for Drop Ship (BTST) POs*
- Updated N103/N104 conditional requirements*

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
0500	REF	Reference Information	M	2			Must use
LOOP ID - SAC					25		
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
1500	DTM	Date/Time Reference	M	2			Must use
2300	TD1	Carrier Details (Quantity and Weight)	C	2			Used
LOOP ID - N9					1000		
2800	N9	Extended Reference Information	M	1			Must use
2900	MTX	Text	M	>1			Must use
LOOP ID - N1					3		
3000	N1	Party Identification	M	1			Must use
3200	N3	Party Location	M	1			Must use
3300	N4	Geographic Location	M	1			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - PO1</u>					<u>100000</u>	<u>N2/0100L</u>	
0100	PO1	Baseline Item Data	M	1			Must use
<u>LOOP ID - PID</u>					<u>1</u>		
0500	PID	Product/Item Description	M	1			Must use
<u>LOOP ID - SAC</u>					<u>1</u>		
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
<u>LOOP ID - ACK</u>					<u>104</u>		
2700	ACK	Line Item Acknowledgment	M	1			Must use

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - CTT</u>					<u>1</u>	<u>N3/0100L</u>	
0100	CTT	Transaction Totals	O	1			Used
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/0100L PO102 is required.

3/0100L 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.

ST Transaction Set Header

Pos: 0100	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:

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

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 318, Included: 1)

Code Name

855 Purchase Order Acknowledgment

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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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) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 0200 Max: 1
 Heading - Mandatory
 Loop: N/A Elements: 6

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: 66, Included: 1)

Code Name

00 Original

BAK02	587	Acknowledgment Type	M	ID	2/2	Must use
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Description: Code specifying the type of acknowledgment

CodeList Summary (Total Codes: 15, Included: 3)

Code Name

AC Acknowledge - With Detail and Change

User Note 1:

Used when the PO is accepted, but there are changes to some or all items.

AD Acknowledge - With Detail, No Change

User Note 1:

Used when all items are accepted. All Item Status Code values (ACK01) must contain IA.

RD Reject with Detail

User Note 1:

Used when all items are rejected. All Item Status Code values (ACK01) must contain IR.

BAK03	324	Purchase Order Number	M	AN	1/22	Must use
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Description: Identifying number for Purchase Order assigned by the orderer/purchaser

BAK04	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: Purchase Order Date

BAK09	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: Purchase Order Acknowledgment Date

BAK10	640	Transaction Type Code	O	ID	2/2	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Code specifying the type of transaction

User Note 1: *For FOB Purchase Orders (those KeHE manages transportation for pickup), suppliers must send a final 855 notice with the SH BAK10 indicator at least 4 business days prior to scheduled pickup.*

CodeList Summary (Total Codes: 534, Included: 1)

<u>Code</u>	<u>Name</u>
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SH	Shipment Status Notification
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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.

REF Reference Information

Pos: 0500	Max: 2
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

CodeList Summary (Total Codes: 1731, Included: 2)

Code Name

IA Internal Vendor Number

User Note 1:

Mandatory - KeHE Distributors assigned supplier ID (KeHE ESN)

VR Vendor ID Number

User Note 1:

Optional - KeHE Distributors DC supplier ID

REF02	127	Reference Identification	M	AN	1/50	Must use
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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.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1200Repeat: 25
Optional
Loop: SACElements: N/A

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1200 Max: 1
 Heading - Optional
 Loop: SAC Elements: 8

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

CodeList Summary (Total Codes: 7, Included: 2)

Code Name

A Allowance
 C Charge

SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use
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Description: Code identifying the service, promotion, allowance, or charge

User Note 1:

Allowance Codes and Descriptions Accepted when SAC01=A

Acceptable Codes to indicate Spoilage/Defective Allowances as sent on the Purchase Order:

- C000: Defective Allowance
- G860: Spoilage/Shrink Allowance
- H560: Swell Allowance
- I410: Unsaleable Merchandise Allowance

Acceptable Codes to indicate any Freight/Pick up Allowances:

- C290: Freight Allowance/ Discount – Service Option (Pickup)
- D240: Freight

Acceptable Codes to indicate The Connect BI Allowance as sent on the Purchase Order:

- B720: Cooperative Advertising/Merchandising Allowance
- C350: Distributor Discount/Marketing Allowance
- F670: Price and Marketing Allowance

Acceptable Codes to indicate The Administrative Allowance as sent on the Purchase Order:

- A172: Administrative Allowance

Charge Codes and Descriptions Accepted when SAC01=C

Acceptable Codes to indicate Container/Bottle Deposit Charges:

- B570: Container Deposits

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
<p><i>Acceptable Codes to indicate any Pallet Charges:</i></p> <ul style="list-style-type: none"> - F170: Pallet Charge - F180: Pallet - I020: Third Party Pallets <p><u>Codes and Descriptions Accepted when SAC01=A or C</u></p> <p><i>Code to indicate any other Allowances or Charges not previously defined:</i></p> <ul style="list-style-type: none"> - H920: Miscellaneous (Charges or Allowances) - D240: Freight <p>CodeList Summary (Total Codes: 1090, Included: 15)</p> <p><u>Code</u> <u>Name</u></p> <ul style="list-style-type: none"> A172 Administrative B570 Container Deposits B720 Cooperative Advertising/Merchandising Allowance (Performance) C000 Defective Allowance C290 Discount - Service Option (Pickup) <p>User Note 1:</p> <p><i>Freight Allowance / Discount – Service Option (Pickup)</i></p> <ul style="list-style-type: none"> C350 Distributor Discount/Allowance D240 Freight F170 Pallet Exchange Charge F180 Pallet F670 Price and Marketing Allowance G860 Shrink Allowance H560 Swell H920 Temporary Allowance <p>User Note 1:</p> <p><i>Miscellaneous (Charges or Allowances)</i></p> <ul style="list-style-type: none"> I020 Third Party Pallets I410 Unsaleable Merchandise Allowance 						
SAC05	610	Amount	M	N2	1/15	Must use
Description: Monetary amount						
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
Description: Code indicating on what basis allowance or charge percent is calculated						
CodeList Summary (Total Codes: 16, Included: 1)						
<u>Code</u> <u>Name</u>						
Z Mutually Defined						
SAC07	332	Percent, Decimal Format	X	R	1/6	Used
Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)						
SAC08	118	Rate	O	R	1/9	Used
Description: Rate expressed in the standard monetary denomination for the currency specified						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC12	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use

Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 2)

Code Name

02 Off Invoice
06 Charge to be Paid by Customer

SAC15	352	Description	M	AN	1/80	Must use
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Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

DTM Date/Time Reference

Pos: 1500	Max: 2
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

User Note 1:

At least one DTM segment must be sent.

Delivered Purchase Orders - Allowed Codes:

067: Current Schedule Delivery

Purchase Orders Held for Pickup - Allowed Codes:

118: Requested Pickup

068: Current Schedule Ship

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	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: 1280, Included: 3)

Code Name

067 Current Schedule Delivery

User Note 1:

Mandatory for Delivered Purchase Orders

068 Current Schedule Ship

User Note 1:

One of 068 or 118 is mandatory for Pickup Orders

118 Requested Pickup

User Note 1:

One of 068 or 118 is mandatory for Pickup Orders

DTM02	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

TD1 Carrier Details (Quantity and Weight)

Pos: 2300	Max: 2
Heading - Conditional	
Loop: N/A	Elements: 7

User Option (Usage): Used

Purpose: To specify the transportation details relative to commodity, weight, and quantity

User Note 1:

Mandatory when BAK10=SH - Quantity, weight, and volume details must be sent on the final Ready to Ship (RTS) Purchase Order Acknowledgement, confirming these details for transportation coordination.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD101	103	Packaging Code	M	AN	3/5	Must use

Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

User Note 1: *If more than 1 Packing Medium (TD101) is included in the shipment, the Quantity and Weight (TD1) group should be sent for each type.*

CodeList Summary (Total Codes: 155, Included: 2)

Code Name

CAS Case
PLT Pallet

TD102	80	Lading Quantity	M	N0	1/7	Must use
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Description: Number of units (pieces) of the lading commodity

TD106	187	Weight Qualifier	M	ID	1/2	Must use
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Description: Code defining the type of weight

CodeList Summary (Total Codes: 52, Included: 1)

Code Name

G Gross Weight

TD107	81	Weight	M	R	1/10	Must use
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Description: Numeric value of weight

TD108	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
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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: 844, Included: 1)

Code Name

LB Pound

TD109	183	Volume	M	R	1/8	Must use
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Description: Value of volumetric measure

TD110	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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CodeList Summary (Total Codes: 844, Included: 1)

<u>Code</u>	<u>Name</u>
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CF	Cubic Feet
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Syntax Rules:

1. C0102 - If TD101 is present, then TD102 is required.
2. C0304 - If TD103 is present, then TD104 is required.
3. C0607 - If TD106 is present, then TD107 is required.
4. P0708 - If either TD107 or TD108 is present, then the other is required.
5. P0910 - If either TD109 or TD110 is present, then the other is required.

Loop Extended Reference Information

Pos: 2800 Repeat: 1000
Conditional
Loop: N9 Elements: N/A

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

User Note 1:

If an order is being rejected in full (BAK02=RD), a note indicating why is required.

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2800	N9	Extended Reference Information	M	1		Must use
2900	MTX	Text	M	>1		Must use

N9 Extended Reference Information

Pos: 2800	Max: 1
Heading - Mandatory	
Loop: N9	Elements: 2

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1731, Included: 1)

Code Name

L1 Letters or Notes

N902	127	Reference Identification	M	AN	1/50	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Note 1: N902 will contain one of the following 3 character codes to identify the type of note to follow in MTX02:
. GEN: General Note

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

MTX Text

Pos: 2900	Max: >1
Heading - Mandatory	
Loop: N9	Elements: 1

User Option (Usage): Must use

Purpose: To specify textual data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MTX02	1551	Textual Data	M	AN	1/4096	Must use

Description: To transmit large volumes of message text

User Note 1: If N902 =
. GEN - MTX02 is a General Note

Syntax Rules:

1. C0102 - If MTX01 is present, then MTX02 is required.
2. C0302 - If MTX03 is present, then MTX02 is required.
3. C0504 - If MTX05 is present, then MTX04 is required.

Semantics:

1. MTX05 is the number of lines to advance before printing.

Comments:

1. If MTX04 is "AA - Advance the specific number of lines before print", then MTX05 is required.

Loop Party Identification

Pos: 3000	Repeat: 3
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

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

User Note 1:

The N1 Loop should be used to confirm Address details.

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
3000	N1	Party Identification	M	1		Must use
3200	N3	Party Location	M	1		Must use
3300	N4	Geographic Location	M	1		Must use

N1 Party Identification

Pos: 3000	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

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: 1500, Included: 3)

Code Name

BY Buying Party (Purchaser)

User Note 1:

Conditional - Mandatory for Drop Ship (BTST) POs

SF Ship From

User Note 1:

Conditional - Mandatory for Pickup Orders. The Ship From Address will be the Pickup Address.

ST Ship To

User Note 1:

Mandatory

N102	93	Name	M	AN	1/60	Must use
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Description: Free-form name

N103	66	Identification Code Qualifier	C	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

User Note 1: *Required if present on the PO or PO Change.*

Mandatory for Bulk/Stand Alone POs when N101=ST

Mandatory for Drop Ship (BTST) POs when N101=BY

CodeList Summary (Total Codes: 241, Included: 2)

Code Name

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	C	AN	2/80	Used
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Description: Code identifying a party or other code

User Note 1: *Required if present on the PO or PO Change.*

Mandatory for Bulk/Stand Alone POs when N101=ST

Mandatory for Drop Ship (BTST) POs when N101=BY

When N101=ST, min/max = 13/13

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.

N3 Party Location

Pos: 3200	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Must use
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 3300	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	M	AN	2/30	Must use
		Description: Free-form text for city name				
N402	156	State or Province Code	M	ID	2/2	Must use
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	M	ID	3/15	Must use
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop Baseline Item Data

Pos: 0100	Repeat: 100000
Mandatory	
Loop: PO1 Elements: N/A	

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	M		1	Must use
1300		Loop SAC	O		1	Used
2700		Loop ACK	M		104	Must use

PO1 Baseline Item Data

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 14

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	Assigned Identification	O	AN	1/20	Used
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
PO102	380	Quantity	M	R	1/15	Must use
		Description: Numeric value of quantity				
		User Note 1: Original order quantity for the item				
PO103	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: 844, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		CA	Case			
PO104	212	Unit Price	M	R	1/17	Must use
		Description: Price per unit of product, service, commodity, etc.				
		User Note 1: Gross Price - This should be the case price of the item, even if it is a catch weight item.				
		Price may contain up to 3 decimals				
PO106	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		UP	UCC - 12			
		User Note 1:				
		KeHE requires the item UPC as the primary item identification code. This is a required field and should match the UPC sent on the Purchase Order 850 or Purchase Order Change 860.				
PO107	234	Product/Service ID	M	AN	1/48	Must use
		Description: Identifying number for a product or service				
PO108	235	Product/Service ID Qualifier	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 4)				

Code Name

EN EAN/UCC - 13

IN Buyer's Item Number

User Note 1:*KeHE Item Number - 8 digits with leading zeros (can be different by DC)*

UK GTIN 14-digit Data Structure

VN Vendor's (Seller's) Item Number

User Note 1:*Vendor SKU*

PO109	234	Product/Service ID	O	AN	1/48	Used
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Description: Identifying number for a product or service

PO110	235	Product/Service ID Qualifier	O	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)**CodeList Summary** (Total Codes: 519, Included: 4)**Code Name**

EN EAN/UCC - 13

IN Buyer's Item Number

User Note 1:*KeHE Item Number - 8 digits with leading zeros (can be different by DC)*

UK GTIN 14-digit Data Structure

VN Vendor's (Seller's) Item Number

User Note 1:*Vendor SKU*

PO111	234	Product/Service ID	O	AN	1/48	Used
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Description: Identifying number for a product or service

PO112	235	Product/Service ID Qualifier	O	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)**CodeList Summary** (Total Codes: 519, Included: 4)**Code Name**

EN EAN/UCC - 13

IN Buyer's Item Number

User Note 1:*KeHE Item Number - 8 digits with leading zeros (can be different by DC)*

UK GTIN 14-digit Data Structure

VN Vendor's (Seller's) Item Number

User Note 1:*Vendor SKU*

PO113	234	Product/Service ID	O	AN	1/48	Used
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Description: Identifying number for a product or service

PO114	235	Product/Service ID Qualifier	O	ID	2/2	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 519, Included: 4)

Code Name

EN EAN/UCC - 13

IN Buyer's Item Number

User Note 1:

KeHE Item Number - 8 digits with leading zeros (can be different by DC)

UK GTIN 14-digit Data Structure

VN Vendor's (Seller's) Item Number

User Note 1:

Vendor SKU

PO115	234	Product/Service ID	O	AN	1/48	Used
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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.

Semantics:

1. PO102 is quantity ordered.

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.

Loop Product/Item Description

Pos: 0500	Repeat: 1
Mandatory	
Loop: PID	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0500	PID	Product/Item Description	M	1		Must use

PID Product/Item Description

Pos: 0500	Max: 1
Detail - Mandatory	
Loop: PID	Elements: 3

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
PID01	349	Item Description Type	M	ID	1/1	Must use				
Description: Code indicating the format of a description										
CodeList Summary (Total Codes: 3, Included: 1)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>F</td><td>Free-form</td></tr></table>							<u>Code</u>	<u>Name</u>	F	Free-form
<u>Code</u>	<u>Name</u>									
F	Free-form									
PID02	750	Product/Process Characteristic Code	M	ID	2/3	Must use				
Description: Code identifying the general class of a product or process characteristic										
CodeList Summary (Total Codes: 238, Included: 1)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>08</td><td>Product</td></tr></table>							<u>Code</u>	<u>Name</u>	08	Product
<u>Code</u>	<u>Name</u>									
08	Product									
PID05	352	Description	M	AN	1/80	Must use				
Description: A free-form description to clarify the related data elements and their content										

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

Semantics:

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; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "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.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 1300 Repeat: 1
Optional
Loop: SAC Elements: N/A

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

User Note 1:

The SAC Loop should be used to confirm allowance details from the Purchase Order/Purchase Order Change.

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1300	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 1300 Max: 1
Detail - Optional
Loop: SAC Elements: 8

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

User Note 1:

Only one SAC value (allowance) per item is allowed.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use
Description: Code which indicates an allowance or charge for the service specified						
CodeList Summary (Total Codes: 7, Included: 1)						
<u>Code</u> <u>Name</u>						
A Allowance						
SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use
Description: Code identifying the service, promotion, allowance, or charge						
CodeList Summary (Total Codes: 1090, Included: 2)						
<u>Code</u> <u>Name</u>						
C310 Discount						
F800 Promotional Allowance						
SAC05	610	Amount	M	N2	1/15	Must use
Description: Monetary amount						
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
Description: Code indicating on what basis allowance or charge percent is calculated						
CodeList Summary (Total Codes: 16, Included: 1)						
<u>Code</u> <u>Name</u>						
Z Mutually Defined						
SAC07	332	Percent, Decimal Format	X	R	1/6	Used
Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)						
SAC08	118	Rate	O	R	1/9	Used
Description: Rate expressed in the standard monetary denomination for the currency specified						
SAC12	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 1)

<u>Code</u>	<u>Name</u>
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02	Off Invoice
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SAC15	352	Description	M	AN	1/80	Must use
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Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. R0203 - At least one of SAC02 or SAC03 is required.
2. P0304 - If either SAC03 or SAC04 is present, then the other is required.
3. P0607 - If either SAC06 or SAC07 is present, then the other is required.
4. P0910 - If either SAC09 or SAC10 is present, then the other is required.
5. C1110 - If SAC11 is present, then SAC10 is required.
6. C1413 - If SAC14 is present, then SAC13 is required.
7. C1615 - If SAC16 is present, then SAC15 is required.

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Loop Line Item Acknowledgment

Pos: 2700	Repeat: 104
Mandatory	
Loop: ACK	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
2700	ACK	Line Item Acknowledgment	M	1		Must use

ACK Line Item Acknowledgment

Pos: 2700	Max: 1
Detail - Mandatory	
Loop: ACK	Elements: 6

User Option (Usage): Must use

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: 6)

Code Name

DR	Item Accepted - Date Rescheduled
IA	Item Accepted
IB	Item Backordered
IC	Item Accepted - Changes Made

User Note 1:

Code IC should only be used when multiple changes are requested for a single item.

IQ	Item Accepted - Quantity Changed
IR	Item Rejected

ACK02	380	Quantity	C	R	1/15	Used
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Description: Numeric value of quantity

User Note 1: Required if ACK01=IQ or IB

If ACK01=IQ, ACK02 and ACK03 should be used to notify KeHE buyers of the updated quantity of the item that is able to be fulfilled.

If ACK01=IB, ACK02 and ACK03 should be used to notify KeHE buyers of the quantity that is backordered due to being out of stock.

ACK03	355	Unit or Basis for Measurement Code	C	ID	2/2	Used
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

User Note 1: Required if ACK01=IQ or IB

If ACK01=IQ, ACK02 and ACK03 should be used to notify KeHE buyers of the updated quantity of the item that is able to be fulfilled.

If ACK01=IB, ACK02 and ACK03 should be used to notify KeHE buyers of the quantity that is backordered due to being out of stock.

CodeList Summary (Total Codes: 844, Included: 1)

Code Name

CA	Case
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ACK04	374	Date/Time Qualifier	C	ID	3/3	Used
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Description: Code specifying type of date or time, or both date and time

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
User Note 1: Required if ACK01=DR or IB If ACK01=DR, ACK04 and ACK05 should be used to notify KeHE buyers of the updated date for the item. If ACK01=IB, ACK04 and ACK05 should be used to notify KeHE buyers of the availability date for items being rejected due to being out of stock.						
CodeList Summary (Total Codes: 1280, Included: 1) Code Name 169 Product Availability Date						
ACK05	373	Date	C	DT	8/8	Used
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year User Note 1: Required if ACK01=DR or IB If ACK01=DR, ACK04 and ACK05 should be used to notify KeHE buyers of the updated date for the item. If ACK01=IB, ACK04 and ACK05 should be used to notify KeHE buyers of the availability date for items being rejected due to being out of stock.						
ACK06	326	Request Reference Number	C	AN	1/45	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) User Note 1: Required if ACK01=IR. The following descriptions should be sent to indicate the reason the item was rejected. Please note these need to match the exact verbiage/formatting included here: -Pricing Discrepancy -Minimum Quantity Not Met -Out of Stock -Incorrect Vendor UPC/SKU -Item Discontinued -Mixed Temperature Items -Change in Pick-up Location -Multiple Reasons Apply						

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.

Loop Transaction Totals

Pos: 0100Repeat: 1
Optional
Loop: CTTElements: N/A

User Option (Usage): Used
Purpose: To transmit a hash total for a specific element in the transaction set

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	CTT	Transaction Totals	O	1		Used

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

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: 0300	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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	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.