Ollie's Bargain Outlet 855 Purchase Order Acknowledgment

X12/V5010/855 : 855 Purchase Order Acknowledgment

Version: 1.0

Author: SPS Commerce
Company: Ollie's Bargain Outlet
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.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
0400	CUR	Currency	O	1			Used
0500	REF	Reference Information	M	2			Must use
1500	DTM	Date/Time Reference	O	2			Used
LOOP ID - N9					**2**		
2800	N9	Extended Reference Information	M	1			Must use
2900	MTX	Text	M	1			Must use
LOOP ID - N1					**2**		
3000	N1	Party Identification	M	1			Must use
3100	N2	Additional Name Information	O	2			Used
3200	N3	Party Location	O	1			Used
3300	N4	Geographic Location	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/0100L**	
0100	PO1	Baseline Item Data	M	1		N2/0100	Must use
LOOP ID - PID					**1**		
0500	PID	Product/Item Description	M	1			Must use
0900	PO4	Item Physical Details	M	>1			Must use
LOOP ID - ACK					**2**		
2700	ACK	Line Item Acknowledgment	M	1			Must use
LOOP ID - N9					**1**		
3500	N9	Extended Reference Information	M	1			Must use
3600	MTX	Text	M	1			Must use

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/0100L**	

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0300	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/0100L   PO102 is required.

2/0100   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.

3/0100   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.

Change History:

2/12/2025
When ACK01=IR, ACK02 MUST EQUAL 0. If a 0 value for the acknowledged quantity ACK02 is not sent when ACK01=IR, the document will fail.
When the reference field is related to the Vendor ID (REF01=IA), then the data for that field (REF02) must not exceed 6 characters.
When providing a value in N104 related to N101='ST', the value must match what was sent on the 850/860.

12/16/2024
Product/Service ID values related to the following Product/Service ID Qualifiers will be rejected if they contain non-numerical data: 'EN', 'IB', 'UP'

10/27/2023
BAK01 updated to only allow 05. Previously only 00 was allowed.

11/10/2023
PO401 is mandatory, even if ACK01=EA

Ollies Bargain Outlet_855 Purchase Order
Acknowledgement v5010.ecs
2
For internal use only

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:

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

Description: Code uniquely identifying a Transaction Set

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

Code	Name
855	Purchase Order Acknowledgment

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

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

Semantics:

1. The transaction set identifier (ST01) 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: 5

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
05	Replace

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

Description: Code specifying the type of acknowledgment

CodeList Summary (Total Codes: 15, Included: 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:
When used, ACK01 must = IA for all items.

RD	Reject with Detail

User Note 1:
When used, ACK01 must = IR for all items.

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

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

BAK04	373	**Date**	M	DT	8/8	Must use

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

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

User Note 1: *Purchase Order Acknowledgement Date.*

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.

CUR Currency

<div style="border: 1px solid black;">
Pos: 0400				Max: 1

Heading - Optional

Loop: N/A				Elements: 2
</div>

User Option (Usage): Used

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	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: 1)

Code	Name
BY	Buying Party (Purchaser)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR02	100	**Currency Code**	M	ID	3/3	Must use

Description: Code (Standard ISO) for country in whose currency the charges are specified

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

REF   Reference Information

<table>
<tr><td>Pos: 0500</td><td>Max: 2</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

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
DP	Department Number

> **User Note 1:**
> *Mandatory. Please return the Ollie's Department Number present on the PO.*

IA	Internal Vendor Number

> **User Note 1:**
> *Ollie's Vendor Number - Mandatory*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/50	Must use

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

> **User Note 1:** *When the reference field is related to the Vendor ID (REF01=IA), then the data for that field (REF02) must not exceed 6 characters.*

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.

DTM   Date/Time Reference

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

User Option (Usage): Used
Purpose: To specify pertinent dates and times

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: 2)

Code	Name
067	Current Schedule Delivery
068	Current Schedule Ship

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	M	DT	8/8	Must use

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.

User Note 1:

Only send this segment if the Current Scheduled Ship Date is changing for the entire order. Otherwise, if the scheduled ship date is merely changing for certain items, use the ACK segment to indicate the modified dates.

Loop Extended Reference Information

Pos: 2800	Repeat: 2
Conditional	
Loop: N9	**Elements: N/A**

User Option (Usage): Used

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

Loop Summary:

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

User Note 1:

If the Purchase Order (EDI 850) is being rejected in full (BAK02 = RD), please include a note with the reason.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	M	AN	1/50	Must use

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

User Note 1: *N902 should contain the following 3 character code to identify the type of note which follows 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:

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

        Description: To transmit large volumes of message text

        User Note 1: *Conditional: If the Purchase Order (EDI 850) is being rejected in full a note as to why is required.*

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: 2

Mandatory

Loop: N1   Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3000	N1	Party Identification	M	1		Must use
3100	N2	Additional Name Information	O	2		Used
3200	N3	Party Location	O	1		Used
3300	N4	Geographic Location	O	1		Used

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: 2)

Code	Name
ST	Ship To

> **User Note 1:**
> *Mandatory*

Code	Name
VN	Vendor

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	M	AN	1/60	Must use

Description: Free-form name

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

Description: Code designating the system/method of code structure used for Identification Code (67)
User Note 1: *Required when N101=ST*

CodeList Summary (Total Codes: 241, Included: 1)

Code	Name
92	Assigned by Buyer or Buyer's Agent

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

Description: Code identifying a party or other code
User Note 1: *Required when N101=ST and must match what was sent on the 850/860.*

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.

N2　Additional Name Information

Pos: 3100	Max: 2
Heading - Optional	
Loop: N1	**Elements: 2**

User Option (Usage): Used

Purpose: To specify additional names

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				
N202	93	**Name**	O	AN	1/60	Used
		Description: Free-form name				

N3 Party Location

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

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

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

N4 Geographic Location

Pos: 3300 **Max: 1**
Heading - Optional
Loop: N1 **Elements: 4**

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name**	O	AN	2/30	Used

Description: Free-form text for city name

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N402	156	**State or Province Code**	O	ID	2/2	Used

Description: Code (Standard State/Province) as defined by appropriate government agency

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N403	116	**Postal Code**	O	ID	3/15	Used

Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	PO1	Baseline Item Data	M	1		Must use
0500		Loop PID	M		1	Must use
0900	PO4	Item Physical Details	M	>1		Must use
2700		Loop ACK	M		2	Must use
3500		Loop N9	C		1	Used

PO1   Baseline Item Data

<div style="border:1px solid black">

Pos: 0100   **Max: 1**

Detail - Mandatory

Loop: PO1   Elements: 14

</div>

User Option (Usage): Must use

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

Element Summary:

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

Description: Alphanumeric characters assigned for differentiation within a transaction set

User Note 1: *The Line Sequence Number from the Purchase Order must be returned here.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO102	380	**Quantity**	M	R	1/15	Must use

Description: Numeric value of quantity

User Note 1: *Original Quantity Ordered.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO104	212	**Unit Price**	M	R	1/17	Must use

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

User Note 1: *If ACK01 = IP (Item Accepted - Price Changed), PO104 is required, and the new price should be sent here.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 2)

Code	Name
SK	Stock Keeping Unit (SKU)

User Note 1:

Mandatory. Ollie's Bargain Outlet assigned SKU Number.

Code	Name
VN	Vendor's (Seller's) Item Number

User Note 1:

Mandatory

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO107	234	**Product/Service ID**	M	AN	1/48	Must use

Description: Identifying number for a product or service

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO108	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: 2)

Code Name

SK   Stock Keeping Unit (SKU)

> **User Note 1:**
>
> *Mandatory. Ollie's Bargain Outlet assigned SKU Number.*

VN   Vendor's (Seller's) Item Number

> **User Note 1:**
>
> *Mandatory*

PO109	234	**Product/Service ID**	M	AN	1/48	Must use

Description: Identifying number for a product or service

PO110	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: 3)

Code Name

EN   EAN/UCC - 13

IB   International Standard Book Number (ISBN)

UP   UCC - 12

> **User Note 1:**
>
> *Vendor's should include the UPC when available.*

PO111	234	**Product/Service ID**	O	AN	1/48	Used

Description: Identifying number for a product or service

PO112	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: 3)

Code Name

EN   EAN/UCC - 13

IB   International Standard Book Number (ISBN)

UP   UCC - 12

PO113	234	**Product/Service ID**	O	AN	1/48	Used

Description: Identifying number for a product or service

PO114	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: 3)

Code Name

EN   EAN/UCC - 13

IB   International Standard Book Number (ISBN)

UP   UCC - 12

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

Ref	**Id**	**Element Name**	**Req**	**Type**	**Min/Max**	**Usage**

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.

User Note 1:

Product/Service ID values related to the following Product/Service ID Qualifiers will be rejected if they contain non-numerical data: 'EN', 'IB', 'UP'

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:

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

PID Product/Item Description

<table>
<tr><td>Pos: 0500</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: PID</td><td>Elements: 3</td></tr>
</table>

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

Code	Name
08	Product

User Note 1:

Mandatory

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

PO4 **Item Physical Details**

Pos: 0900	Max: >1
Detail - Mandatory	
Loop: PO1	**Elements: 1**

User Option (Usage): Must use

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO401	356	**Pack**	M	N0	1/6	Must use

> **Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer container

Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.
4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

Semantics:

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

Comments:

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.

User Note 1:

Pack details should always be sent, even if ACK03=EA

Loop Line Item Acknowledgment

Pos: 2700	Repeat: 2
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:

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

ACK Line Item Acknowledgment

Pos: 2700	**Max: 1**
Detail - Mandatory	
Loop: ACK	**Elements: 5**

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: 5)

Code	Name
DR	Item Accepted - Date Rescheduled
IA	Item Accepted
IP	Item Accepted - Price Changed
IQ	Item Accepted - Quantity Changed
IR	Item Rejected

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

Description: Numeric value of quantity

User Note 1: *Required when ACK01 = DR (Item Accepted - Date Rescheduled), or IQ (Item Accepted - Quantity Changed).*
When ACK01=IR, ACK02 MUST EQUAL 0
If a 0 value for the acknowledged quantity ACK02 is not sent when ACK01=IR, the document will fail.

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

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

CodeList Summary (Total Codes: 844, Included: 2)

Code	Name
CA	Case
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK04	374	**Date/Time Qualifier**	C	ID	3/3	Used

Description: Code specifying type of date or time, or both date and time
User Note 1: *Required when ACK01 = DR (Item Accepted - Date Rescheduled)*

CodeList Summary (Total Codes: 1280, Included: 2)

Code	Name
067	Current Schedule Delivery
068	Current Schedule Ship

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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 when ACK01 = DR (Item Accepted - Date Rescheduled)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage

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 Extended Reference Information

Pos: 3500	Repeat: 1
Conditional	
Loop: N9	**Elements: N/A**

User Option (Usage): Used

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3500	N9	Extended Reference Information	M	1		Must use
3600	MTX	Text	M	1		Must use

User Note 1:

If an item is being rejected (ACK01=IR), please include a note with the reason.

N9 Extended Reference Information

Pos: 3500   Max: 1
Detail - Mandatory
Loop: N9   Elements: 2

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N902	127	**Reference Identification**	M	AN	1/50	Must use

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

User Note 1: *N902 should contain the following 3 character code to identify the type of note which follows in MXT02:*
-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**

User Option (Usage): Must use
Purpose: To specify textual data

Element Summary:

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

     Description: To transmit large volumes of message text

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 Transaction Totals

Pos: 0100	Repeat: 1
Optional	
Loop: CTT	**Elements: N/A**

User Option (Usage): Used

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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:

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

> **Description:** Total number of line items in the transaction set

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

| SE02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 | Must use |

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

Comments:

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