Leslie's Pool 850 Purchase Order

X12/V4010/850: 850 Purchase Order

Author: sps commerce

Company:

Trading Partner:

Created: 9/4/2019

Modified: 9/11/2019

Notes:

850 Purchase Order

Functional Group=PO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) 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 the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BEG	Beginning Segment for Purchase Order	M	1			Must use
040	CUR	Currency	O	1			Used
050	REF	Reference Identification	M	1			Must use
050	REF	Reference Identification	O	1			Used
060	PER	Administrative Communications Contact	O	1			Used
080	FOB	F.O.B. Related Instructions	O	1			Used
110	CSH	Sales Requirements	O	1			Used
LOOP ID - SAC					**25**		
120	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	1			Used
150	DTM	Date/Time Reference	O	5			Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1			Used
LOOP ID - N9					**1000**		
295	N9	Reference Identification	O	1			Used
300	MSG	Message Text	O	1000			Used
LOOP ID - N1					**3**		
310	N1	Name	O	1			Used
330	N3	Address Information	O	1			Used
340	N4	Geographic Location	O	>1			Used
360	PER	Administrative Communications Contact	O	1			Used

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**	**N2/010L**	
010	PO1	Baseline Item Data	M	1		N2/010	Must use
LOOP ID - PID					**1000**		
050	PID	Product/Item Description	O	1			Used
090	PO4	Item Physical Details	O	1			Used
LOOP ID - SAC					**25**		

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
130	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
190	SDQ	Destination Quantity	O	500			Used
289	MSG	Message Text	O	>1			Used
LOOP ID - SCH					**200**	**N2/295L**	
295	SCH	Line Item Schedule	O	1		N2/295	Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - CTT					**1**	**N3/010L**	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/010L   PO102 is required.

2/010   PO102 is required.

2/295L   The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

2/295   The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

3/010L   The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/010   The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

User Note 1:

Revision History:

8/17/2011 - Added "SS" Code to BEG02 to indicate Taxable/Not for Resale orders

8/4/10 - Added clarification notes around how drop ship orders are sent.

8/6/09 – Added Notation in BEG, N1, N3 and N4 segment that suppliers must use the Address information provided in N3 and N4 for Drop Ship orders (BEG02 = DS). They can not create a default address in a Ship To table based on the code sent in N104.

4/8/09 – Added Header level DTM for Ship Date

5/7/08 – Added additional Units of Measure to PO103

2/7/08 – Effective 2/15/08 changed FOB01 to allow all possible FOB qualifiers

9/5/07 – Added qualifier H750 for Sales tax to SAC02

5/19/06 - Removed many of the qualifiers in SAC02

4/28/06 –
- Effective 5/15/06 Leslies will being sending the Buyer Email in the Header level PER segment
1/30/06 –

- Added item level MSG segment to capture item level notes that Leslie's will start sending

9/1/05 -
-Added condition to set BEG02 to DS when the N104 (ST) = 00999 (customer drop ship)
-Added BEG07, to identify when Leslie's requires an 855 PO Ack message back

8/30/05 -
-Modified notes regarding ship to location codes

8/23/05 -
-Added PER at N1(ST) for telephone contact
-PO4 when inner pack quantities are greater than 1

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

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

> **Description:** Code uniquely identifying a Transaction Set
>
> **CodeList Summary** (Total Codes: 298, Included: 1)
>
> **Code** **Name**
>
> 850   Purchase Order

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

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

BEG   Beginning Segment for Purchase Order

<table>
<tr><td>Pos: 020</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
BEG01	353	**Transaction Set Purpose Code**	M	ID	2/2

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 1)

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max
BEG02	92	**Purchase Order Type Code**	M	ID	2/2

Description: Code specifying the type of Purchase Order

User Note 1: *Dropship orders are designated with a "DS" in BEG02. These could be Mail or Web orders or orders placed by a customer directly at a store.*

CodeList Summary (Total Codes: 69, Included: 3)

Code	Name
DS	Dropship

> **User Note 1:**
> *Drop Ship*

Code	Name
SA	Stand-alone Order

> **User Note 1:**
> *DC/Store*

Code	Name
SS	Supply or Service Order

> **User Note 1:**
> *Not for Resale / Taxable*

Ref	Id	Element Name	Req	Type	Min/Max
BEG03	324	**Purchase Order Number**	M	AN	1/22

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

Ref	Id	Element Name	Req	Type	Min/Max
BEG05	373	**Date**	M	DT	8/8

Description: Date expressed as CCYYMMDD

Ref	Id	Element Name	Req	Type	Min/Max
BEG07	587	**Acknowledgment Type**	O	ID	2/2

Description: Code specifying the type of acknowledgment

CodeList Summary (Total Codes: 15, Included: 2)

Code	Name
AP	Acknowledge - Product Replenishment

> **User Note 1:**
> *855 PO Acknowledgement is required*

Code	Name
NA	No Acknowledgment Needed

Code	Name

User Note 1:

855 can be sent but is not required

CUR Currency

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
CUR01	98	**Entity Identifier Code**	M	ID	2/3

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

CodeList Summary (Total Codes: 1312, Included: 1)

Code	Name
BY	Buying Party (Purchaser)

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

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.

REF   Reference Identification

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

Pos: 050   Max: 1

Heading - Mandatory

Loop: N/A   Elements: 2

</div>

User Option (Usage): Must use

Purpose: To specify identifying information

Element Summary:

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

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
IA	Internal Vendor Number

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

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

User Note 1: *Vendor Number*

Syntax Rules:

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

REF   Reference Identification

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

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

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
DP	Department Number

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

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

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

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

Syntax Rules:

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

PER Administrative Communications Contact

Pos: 060	Max: 1
Heading - Optional	
Loop: N/A	**Elements: 4**

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
PER01	366	**Contact Function Code**	M	ID	2/2

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 1)

Code	Name
BD	Buyer Name or Department

Ref	Id	Element Name	Req	Type	Min/Max
PER02	93	**Name**	M	AN	1/60

Description: Free-form name

Ref	Id	Element Name	Req	Type	Min/Max
PER07	365	**Communication Number Qualifier**	X	ID	2/2

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 1)

Code	Name
EM	Electronic Mail

Ref	Id	Element Name	Req	Type	Min/Max
PER08	364	**Communication Number**	X	AN	1/80

Description: Complete communications number including country or area code when applicable

User Note 1: *Email*

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

FOB F.O.B. Related Instructions

Pos: 080 **Max: 1**
Heading - Optional
Loop: N/A **Elements: 3**

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
FOB01	146	**Shipment Method of Payment**	M	ID	2/2

Description: Code identifying payment terms for transportation charges
All valid standard codes are used. (Total Codes: 27)

Ref	Id	Element Name	Req	Type	Min/Max
FOB02	309	**Location Qualifier**	X	ID	1/2

Description: Code identifying type of location

CodeList Summary (Total Codes: 172, Included: 2)

Code	Name
DE	Destination (Shipping)
OR	Origin (Shipping Point)

Ref	Id	Element Name	Req	Type	Min/Max
FOB03	352	**Description**	O	AN	1/80

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

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

CSH Sales Requirements

Pos: 110   Max: 1
Heading - Optional
Loop: N/A   Elements: 1

User Option (Usage): Used
Purpose: To specify general conditions or requirements of the sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
CSH01	563	**Sales Requirement Code**	M	ID	1/2

Description: Code to identify a specific requirement or agreement of sale

CodeList Summary (Total Codes: 54, Included: 2)

Code	Name
N	No Back Order
Y	Back Order if Out of Stock

Syntax Rules:

1. C0203 - If CSH02 is present, then CSH03 is required.
2. P0607 - If either CSH06 or CSH07 is present, then the other is required.
3. P0910 - If either CSH09 or CSH10 is present, then the other is required.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 120   **Max: 1**
Heading - Optional
Loop: SAC   **Elements: 6**

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:

Ref	Id	Element Name	Req	Type	Min/Max
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1

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

Ref	Id	Element Name	Req	Type	Min/Max
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	M	ID	4/4

Description: Code identifying the service, promotion, allowance, or charge

CodeList Summary (Total Codes: 1053, Included: 6)

Code	Name
B560	Container Allowance
B570	Container Deposits
D240	Freight
F180	Pallet
H750	Tax - Sales Tax (State and Local)
I410	Unsaleable Merchandise Allowance

Ref	Id	Element Name	Req	Type	Min/Max
SAC05	610	**Amount**	M	N2	1/15

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max
SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID	1/1

Description: Code indicating on what basis allowance or charge percent is calculated

CodeList Summary (Total Codes: 10, Included: 1)

Code	Name
1	Item List Cost

Ref	Id	Element Name	Req	Type	Min/Max
SAC07	332	**Percent**	X	R	1/6

Description: Percent expressed as a percent

Ref	Id	Element Name	Req	Type	Min/Max
SAC15	352	**Description**	O	AN	1/80

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. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130   **Max: 1**
Heading - Optional
Loop: N/A   **Elements: 4**

User Option (Usage): Used
Purpose: To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ITD03	338	**Terms Discount Percent**	O	R	1/6

Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

User Note 1: *Discount Percent*

ITD04	370	**Terms Discount Due Date**	X	DT	8/8

Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD

User Note 1: *Dicount Due Date*

ITD05	351	**Terms Discount Days Due**	X	N0	1/3

Description: Number of days in the terms discount period by which payment is due if terms discount is earned

User Note 1: *Discount Days Due*

ITD12	352	**Description**	M	AN	1/80

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

User Note 1: *Terms Description*

Syntax Rules:

1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

DTM Date/Time Reference

Pos: 150   **Max: 5**
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
DTM01	374	**Date/Time Qualifier**	M	ID	3/3

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

CodeList Summary (Total Codes: 1112, Included: 5)

Code	Name
001	Cancel After
002	Delivery Requested
010	Requested Ship
037	Ship Not Before
038	Ship No Later

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

Description: Date expressed as CCYYMMDD

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.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240   Max: 1
Heading - Optional
Loop: N/A   Elements: 1

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
TD505	387	**Routing**	M	AN	1/35

Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Syntax Rules:

1. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.
2. C0203 - If TD502 is present, then TD503 is required.
3. C0708 - If TD507 is present, then TD508 is required.
4. C1011 - If TD510 is present, then TD511 is required.
5. C1312 - If TD513 is present, then TD512 is required.
6. C1413 - If TD514 is present, then TD513 is required.
7. C1512 - If TD515 is present, then TD512 is required.

N9 Reference Identification

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N901	128	**Reference Identification Qualifier**	M	ID	2/3

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code	Name
L1	Letters or Notes

Ref	Id	Element Name	Req	Type	Min/Max
N903	369	**Free-form Description**	M	AN	1/45

Description: Free-form descriptive text

User Note 1: *notes*

Syntax Rules:

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

MSG **Message Text**

Pos: 300 **Max: 1000**
Heading - Optional
Loop: N9 **Elements: 1**

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
MSG01	933	**Free-Form Message Text**	M	AN	1/264

Description: Free-form message text

Syntax Rules:

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

N1 Name

<table>
<tr><td>**Pos: 310**</td><td>**Max: 1**</td></tr>
<tr><td colspan="2">**Heading - Optional**</td></tr>
<tr><td>**Loop: N1**</td><td>**Elements: 4**</td></tr>
</table>

User Option (Usage): Used

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

Element Summary:

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

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

CodeList Summary (Total Codes: 1312, Included: 3)

Code	Name
BT	Bill-to-Party
ST	Ship To
VN	Vendor

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

Description: Free-form name

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

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

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

Code	Name
92	Assigned by Buyer or Buyer's Agent

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

Description: Code identifying a party or other code

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.

User Note 1:

N104(ST)- This value will always be formatted as a five character number with leading zeros that represents the Leslie's location for the order.

User Note 2:

When BEG02=SA, DC/STORE orders

N3 Address Information

Pos: 330	**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
N301	166	**Address Information**	M	AN	1/55
		Description: Address information			
N302	166	**Address Information**	O	AN	1/55
		Description: Address information			

User Note 1:

For Direct to customer (drop ship) orders (BEG02 = DS), suppliers must use the N3/N4 address information when shipping to the Leslie Pool Customer. Do not use a DC/Store address table to determine the shipping location.

N4 Geographic Location

Pos: 340	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
N401	19	**City Name**	O	AN	2/30

> **Description:** Free-form text for city name

N402	156	**State or Province Code**	O	ID	2/2

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

N403	116	**Postal Code**	O	ID	3/15

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

N404	26	**Country Code**	O	ID	2/3

> **Description:** Code identifying the country

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

User Note 1:

For Direct to customer (drop ship) orders (BEG02 = DS), suppliers must use the N3/N4 address information when shipping to the Leslie Pool Customer. Do not use a DC/Store address table to determine the shipping location.

PER   Administrative Communications Contact

Pos: 360   Max: 1
Heading - Optional
Loop: N1   Elements: 3

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
PER01	366	**Contact Function Code**	M	ID	2/2

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 1)

Code Name
IC   Information Contact

Ref	Id	Element Name	Req	Type	Min/Max
PER03	365	**Communication Number Qualifier**	M	ID	2/2

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 1)

Code Name
TE   Telephone

Ref	Id	Element Name	Req	Type	Min/Max
PER04	364	**Communication Number**	M	AN	1/80

Description: Complete communications number including country or area code when applicable

User Note 1: *Phone #*

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

User Note 1:

This segment to be created under direct to customer scenario, where phone number is needed for carrier purposes.

PO1 Baseline Item Data

Pos: 010	**Max: 1**
Detail - Mandatory	
Loop: PO1	**Elements: 9**

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
PO102	330	**Quantity Ordered**	M	R	1/15

Description: Quantity ordered

User Note 1: *Quantity Ordered*

Ref	Id	Element Name	Req	Type	Min/Max
PO103	355	**Unit or Basis for Measurement Code**	M	ID	2/2

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

CodeList Summary (Total Codes: 794, Included: 22)

Code	Name
4F	100-Pack
BG	Bag
BO	Bottle
BX	Box
CA	Case
EA	Each
FT	Foot
GA	Gallon
HC	Hundred Count
IN	Inch
LB	Pound
P4	Four-pack
P6	Six pack
PA	Pail
PC	Piece
PD	Pad
PF	Pallet (Lift)
PK	Package
PR	Pair
RL	Roll
ST	Set
UZ	Fifty Count

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

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

User Note 1: *Unit Price*

Ref	Id	Element Name	Req	Type	Min/Max
PO106	235	**Product/Service ID Qualifier**	M	ID	2/2

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

Ref	Id	Element Name	Req	Type	Min/Max

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

Code Name

SK   Stock Keeping Unit (SKU)

> **User Note 1:**
> *Will be 9 or fewer numeric characters.*

| PO107 | 234 | **Product/Service ID** | M | AN | 1/48 |

Description: Identifying number for a product or service

User Note 1: *Leslie SKU number*

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

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

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

Code Name

VP   Vendor's (Seller's) Part Number

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

Description: Identifying number for a product or service

User Note 1: *Vendor Part #*

| PO110 | 235 | **Product/Service ID Qualifier** | X | ID | 2/2 |

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

CodeList Summary (Total Codes: 477, Included: 3)

Code Name

EN   European Article Number (EAN) (2-5-5-1)
UK   U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UP   U.P.C. Consumer Package Code (1-5-5-1)

| PO111 | 234 | **Product/Service ID** | X | AN | 1/48 |

Description: Identifying number for a product or service

User Note 1: *UPC/EAN/GTIN*

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.

PID Product/Item Description

<table>
<tr><td>Pos: 050</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: PID</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
PID01	349	**Item Description Type**	M	ID	1/1

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
PID05	352	**Description**	M	AN	1/80

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

User Note 1: *Leslie's Poolmart will send a max of 30 characters in the product description.*

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.

PO4   Item Physical Details

Pos: 090	Max: 1
Detail - Optional	
Loop: PO1	**Elements: 1**

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
PO401	356	**Pack**	O	N0	1/6

> **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.

User Note 1:

Use when inner pack quantity is greater than 1

SAC Service, Promotion, Allowance, or Charge Information

Pos: 130   **Max: 1**
Detail - Optional
Loop: SAC   Elements: 9

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:

Ref	Id	Element Name	Req	Type	Min/Max
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1

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

Ref	Id	Element Name	Req	Type	Min/Max
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	M	ID	4/4

Description: Code identifying the service, promotion, allowance, or charge

CodeList Summary (Total Codes: 1053, Included: 5)

Code	Name
B560	Container Allowance
B570	Container Deposits
D240	Freight
F180	Pallet
I140	Tracing Inbound Via Other Carriers

Ref	Id	Element Name	Req	Type	Min/Max
SAC05	610	**Amount**	O	N2	1/15

Description: Monetary amount

Ref	Id	Element Name	Req	Type	Min/Max
SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID	1/1

Description: Code indicating on what basis allowance or charge percent is calculated
All valid standard codes are used. (Total Codes: 11)

Ref	Id	Element Name	Req	Type	Min/Max
SAC07	332	**Percent**	X	R	1/6

Description: Percent expressed as a percent

Ref	Id	Element Name	Req	Type	Min/Max
SAC08	118	**Rate**	O	R	1/9

Description: Rate expressed in the standard monetary denomination for the currency specified

Ref	Id	Element Name	Req	Type	Min/Max
SAC09	355	**Unit or Basis for Measurement Code**	X	ID	2/2

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

CodeList Summary (Total Codes: 794, Included: 19)

		Code	**Name**			
		4F	100-Pack			
		BX	Box			
		CA	Case			
		DZ	Dozen			
		EA	Each			
		FT	Foot			
		GA	Gallon			
		HC	Hundred Count			
		IN	Inch			
		LB	Pound			
		P4	Four-pack			
		P6	Six pack			
		PD	Pad			
		PF	Pallet (Lift)			
		PK	Package			
		PR	Pair			
		RL	Roll			
		ST	Set			
		UZ	Fifty Count			

SAC10	380	**Quantity**	X	R	1/15

Description: Numeric value of quantity

SAC15	352	**Description**	O	AN	1/80

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. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. C1413 - If SAC14 is present, then SAC13 is required.
8. C1615 - If SAC16 is present, then SAC15 is required.

SDQ Destination Quantity

Pos: 190	**Max: 500**
Detail - Optional	
Loop: PO1	**Elements: 23**

User Option (Usage): Used

Purpose: To specify destination and quantity detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
SDQ01	355	**Unit or Basis for Measurement Code**	M	ID	2/2

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

CodeList Summary (Total Codes: 794, Included: 19)

Code	Name
4F	100-Pack
BX	Box
CA	Case
DZ	Dozen
EA	Each
FT	Foot
GA	Gallon
HC	Hundred Count
IN	Inch
LB	Pound
P4	Four-pack
P6	Six pack
PD	Pad
PK	Package
PL	Pallet/Unit Load
PR	Pair
RL	Roll
ST	Set
UZ	Fifty Count

Ref	Id	Element Name	Req	Type	Min/Max
SDQ02	66	**Identification Code Qualifier**	O	ID	1/2

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

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

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max
SDQ03	67	**Identification Code**	M	AN	2/80

Description: Code identifying a party or other code

Ref	Id	Element Name	Req	Type	Min/Max
SDQ04	380	**Quantity**	M	R	1/15

Description: Numeric value of quantity

Ref	Id	Element Name	Req	Type	Min/Max
SDQ05	67	**Identification Code**	X	AN	2/80

Ref	Id	Element Name	Req	Type	Min/Max
		Description: Code identifying a party or other code			
SDQ06	380	**Quantity**	X	R	1/15
		Description: Numeric value of quantity			
SDQ07	67	**Identification Code**	X	AN	2/80
		Description: Code identifying a party or other code			
SDQ08	380	**Quantity**	X	R	1/15
		Description: Numeric value of quantity			
SDQ09	67	**Identification Code**	X	AN	2/80
		Description: Code identifying a party or other code			
SDQ10	380	**Quantity**	X	R	1/15
		Description: Numeric value of quantity			
SDQ11	67	**Identification Code**	X	AN	2/80
		Description: Code identifying a party or other code			
SDQ12	380	**Quantity**	X	R	1/15
		Description: Numeric value of quantity			
SDQ13	67	**Identification Code**	X	AN	2/80
		Description: Code identifying a party or other code			
SDQ14	380	**Quantity**	X	R	1/15
		Description: Numeric value of quantity			
SDQ15	67	**Identification Code**	X	AN	2/80
		Description: Code identifying a party or other code			
SDQ16	380	**Quantity**	X	R	1/15
		Description: Numeric value of quantity			
SDQ17	67	**Identification Code**	X	AN	2/80
		Description: Code identifying a party or other code			
SDQ18	380	**Quantity**	X	R	1/15
		Description: Numeric value of quantity			
SDQ19	67	**Identification Code**	X	AN	2/80
		Description: Code identifying a party or other code			
SDQ20	380	**Quantity**	X	R	1/15
		Description: Numeric value of quantity			
SDQ21	67	**Identification Code**	X	AN	2/80
		Description: Code identifying a party or other code			

Ref	Id	Element Name	Req	Type	Min/Max
SDQ22	380	**Quantity**	X	R	1/15

Description: Numeric value of quantity

SDQ23	310	**Location Identifier**	O	AN	1/30

Description: Code which identifies a specific location

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

MSG   Message Text

Pos: 289   Max: >1
Detail - Optional
Loop: PO1   Elements: 1

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
MSG01	933	**Free-Form Message Text**	M	AN	1/264

Description: Free-form message text

Syntax Rules:

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

SCH Line Item Schedule

User Option (Usage): Used

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

Element Summary:

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

Description: Numeric value of quantity

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

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

CodeList Summary (Total Codes: 794, Included: 19)

Code	Name
4F	100-Pack
BX	Box
CA	Case
DZ	Dozen
EA	Each
FT	Foot
GA	Gallon
HC	Hundred Count
IN	Inch
LB	Pound
P4	Four-pack
P6	Six pack
PD	Pad
PF	Pallet (Lift)
PK	Package
PL	Pallet/Unit Load
RL	Roll
ST	Set
UZ	Fifty Count

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

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

CodeList Summary (Total Codes: 1110, Included: 1)

Code	Name
002	Delivery Requested

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

Description: Date expressed as CCYYMMDD

Syntax Rules:

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

CTT Transaction Totals

Pos: 010   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
CTT01	354	**Number of Line Items**	M	N0	1/6

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.

SE Transaction Set Trailer

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

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

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

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

Ref	Id	Element Name	Req	Type	Min/Max
SE02	329	**Transaction Set Control Number**	M	AN	4/9

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