

# **LOWE'S EDI**

**850 (SOS) Purchase Order**

**Version: 004010**

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<b>Modified:</b>	<b>7/3/2009</b>

# 850 Purchase Order

Functional Group=**PO**

**Purpose:** This document 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. Lowe's will transmit Special Order (SOS) Purchase Orders using this EDI 850 document.

## 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>
001	ISA	Interchange Control Header	M	1			Mandatory
002	GS	Functional Group Header	M	1			Mandatory
010	ST	Transaction Set Header	M	1			Mandatory
020	BEG	Beginning Segment for Purchase Order	M	1			Mandatory
040	CUR	Currency	O	1			Mandatory
050	REF	Reference Identification	O	>1			Mandatory
060	PER	Administrative Communications Contact	O	3			Mandatory
080	FOB	F.O.B. Related Instructions	O	>1			Mandatory
150	DTM	Date/Time Reference	O	10			Mandatory
280	CTB	Restrictions/Conditions	O	5			Optional
<b>LOOP ID - N1</b>					<b>≥1</b>		
310	N1	Name	O	1			Mandatory
330	N3	Address Information	O	2			Mandatory
340	N4	Geographic Location	O	>1			Mandatory
360	PER	Administrative Communications Contact	O	>1			Optional

## 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>
<b>LOOP ID - PO1</b>					<b>100000</b>		
010	PO1	Baseline Item Data	M	1			Mandatory
<b>LOOP ID - PID</b>					<b>1000</b>		
050	PID	Product/Item Description	O	1			Optional

## 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>
<b>LOOP ID - CTT</b>					<b>1</b>		
010	CTT	Transaction Totals	O	1			Mandatory
030	SE	Transaction Set Trailer	M	1			Mandatory

## 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>
031	GE	Functional Group Trailer	M	1			Mandatory
032	IEA	Interchange Control Trailer	M	1			Mandatory

## Please Note:

*Once live with the transmission of SOS orders, a need may still arise when a production SOS order must be manually faxed. This could occur if an item is not in the SOS electronic catalog.*

*One ST will be sent per ISA for SOS 850 purchase order transactions.*

# ISA Interchange Control Header

<b>Pos: 001</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 16</b>

**User Option (Usage):** Mandatory

**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control 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>	<u>Rep</u>
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Mandatory	1
		<u>Code</u> <u>Name</u>					
		00 No Authorization Information Present (No Meaningful Information in I02)					
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Mandatory	1
		<b>Please Note:</b>					
		<i>This element will be filled with spaces.</i>					
ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Mandatory	1
		<u>Code</u> <u>Name</u>					
		00 No Security Information Present (No Meaningful Information in I04)					
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Mandatory	1
		<b>Please Note:</b>					
		<i>This element will be filled with spaces.</i>					
ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Mandatory	1
		<u>Code</u> <u>Name</u>					
		08 UCC EDI Communications ID (Comm ID)					
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Mandatory	1
		<b>Example: 6135830001</b>					
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Mandatory	1
		<b>All valid X12 codes are used.</b>					
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Mandatory	1
ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Mandatory	1
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Mandatory	1
ISA11	I10	<b>Interchange Control Standards Identifier</b>	M	ID	1/1	Mandatory	1
		<b>All valid X12 codes are used.</b>					
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Mandatory	1
		<u>Code</u> <u>Name</u>					
		00400 Standard Issued as ANSI X12.5-1997					
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Mandatory	1
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Mandatory	1
		<u>Code</u> <u>Name</u>					
		0 No Acknowledgment Requested					
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Mandatory	1

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		<u>Code</u> <u>Name</u>					
		P Production Data					
		T Test Data					
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Mandatory	1

**Example:**

*Listed below is an example of the data.*

*ISA\*00\* \*00\* \*08\*6135830001\*01\*receiver's id \*980826\*1700\*U\*00400\*000000001\*0\*P\*>|*

# GS Functional Group Header

<b>Pos: 002</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 8</b>

**User Option (Usage):** Mandatory

**Purpose:** To indicate the beginning of a functional group and to provide control information

## 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>	<u>Rep</u>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Mandatory	1
		<u>Code</u> <u>Name</u>					
		PO Purchase Order (850)					
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Mandatory	1
		<b>Please Note:</b>					
		<i>The Sender Id in GS02 is 6135830001.</i>					
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Mandatory	1
GS04	373	<b>Date</b>	M	DT	8/8	Mandatory	1
GS05	337	<b>Time</b>	M	TM	4/8	Mandatory	1
GS06	28	<b>Group Control Number</b>	M	N0	1/9	Mandatory	1
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Mandatory	1
		<u>Code</u> <u>Name</u>					
		X Accredited Standards Committee X12					
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Mandatory	1
		<u>Code</u> <u>Name</u>					
		004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997					

## Example:

Listed below is an example of the data.

**GS\*PO\*6135830001\*receiver's id\*19980826\*1646\*00000001\*X\*004010**

# ST Transaction Set Header

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

**User Option (Usage):** Mandatory

**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>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Mandatory	1
		<b><u>Code</u> <u>Name</u></b>					
		850 Purchase Order					
ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory	1

**Please Note:**

*The transaction set control number is used to determine if data has been lost or duplicated.*

## Example:

*Listed below is an example of the data.*

**ST\*850\*00000001**

# BEG Beginning Segment for Purchase Order

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

**User Option (Usage):** Mandatory

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

## 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>	<u>Rep</u>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Mandatory	1
		<b>Code Name</b>					
		00 Original					
		01 Cancellation					
		05 Replace					
		<b>Please Note:</b>					
		<i>The 05 code is not currently used, however is planned for future implementation.</i>					
BEG02	92	Purchase Order Type Code	M	ID	2/2	Mandatory	1
		<b>Code Name</b>					
		DR Direct Ship					
		<b>Please Note:</b>					
		<i>Designates vendor to ship directly to customer. Otherwise, if "OS" then shipment is to be made to Lowe's store.</i>					
		OS Special Order					
BEG03	324	Purchase Order Number	M	AN	1/22	Mandatory	1
		<b>Example: Lowe's Order Number</b>					
BEG05	373	Date	M	DT	8/8	Mandatory	1
		<b>Please Note: Lowe's original purchase order date</b>					

## Example:

Listed below is an example of the data.

**BEG\*00\*OS\*12345\*\*19980826\**

### 810 TURN AROUND INFORMATION:

The Purchase Order transmitted in the BEG-03 of the 850 PO must be returned in the BIG-04 field of the 810 invoice.

# CUR Currency

<b>Pos: 040</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Mandatory

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

## 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>	<u>Rep</u>
CUR01	98	<b>Entity Identifier Code</b>	M	ID	2/3	Mandatory	1
		<b>Code Name</b>					
		SE Selling Party					
CUR02	100	<b>Currency Code</b>	M	ID	3/3	Mandatory	1

## Example:

*All orders will be transmitted with a Currency Code. Listed below is an example of the data.*

**CUR\*SE\*CAD\**

**810 TURN AROUND INFORMATION:**

*You must return the CUR segment, just as you receive it, in the 810.*

# REF Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To specify identifying information

## 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>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory	1
		<b>Code Name</b>					
		F8 Original Reference Number					
		IA Internal Vendor Number					
		JB Job (Project) Number					
		K6 Purchase Description					
		KD Special Instructions Number (Installation Type)					
		PH Priority Rating					
		SA Salesperson					
REF02	127	Reference Identification	C	AN	1/30	Mandatory	1

**Example: When REF01 = IA, then REF02 = Lowe's Vendor Number (max 9 digits)**

**When REF01 = JB, then REF02 = Lowe's Project Number (allow for max 30 digits)**

**When REF01 = SA, then REF02 = Lowe's Salesman Number (max 10 digits)**

**\*\*Installed Sales Only\*\***  
**When REF01=PH, then REF02 = INSTALL SALE, this is used to indicate a priority order for Lowe's install.**

**\*\*Countertop EDI Vendors Only\*\***  
**When REF01 = K6 and REF02 = NEW, this indicates the project type is a New Construction.**

**When REF01 = K6 and REF02 = REM, this indicates the project type is a Remodel.**

**When REF01 = F8, then REF02 = Unique Key to use as reference with JPEG file.**

**When REF01 = KD and REF02 = 1, this indicates the install type is Cabinets Only.**

**When REF01 = KD and REF02 = 2, this indicates the install type is Countertops Only.**

**When REF01 = KD and REF02 = 3, this indicates the install type is Cabinets and Countertops.**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
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**Example:**

*Listed below is an example of the data.*

REF\*IA\*000012345\  
REF\*JB\*987135035\  
REF\*SA\*54321\

*Installed Sales Only:*  
REF\*PH\*INSTALL SALE

*Countertop EDI Vendors Only:*  
REF\*F8\*123456789\  
REF\*K6\*NEW\  
REF\*K6\*REM\  
REF\*KD\*1\  
REF\*KD\*2\  
REF\*KD\*3\

**Please Note:**

*The data value in the REF-02 element in both the REF\*IA segment and the REF\*JB segment must be echoed back in the 870 exactly as transmitted in the 850 or the 870 status will not be applied in Lowe's system. This is required for all 870's from all vendors.*

*Countertop EDI Vendors: In addition to previous note, you must not return the value sent in the REF\*F8 as the value for REF\*JB in the 870. The two REF\*JB segments must match between the 850 and 870 documents.*

*Only one of the REF\*K6 segments and only one of the REF\*KD segments will be provided in each 850.*

*Installed Sales: Not required to be returned on the 870.*

# PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

**User Option (Usage):** Mandatory

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

## 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>	<u>Rep</u>
PER01	366	<b>Contact Function Code</b>	M	ID	2/2	Mandatory	1
		<u>Code</u> <u>Name</u>					
		OC Order Contact					
PER02	93	<b>Name</b>	O	AN	1/60	Optional	1
PER03	365	<b>Communication Number Qualifier</b>	C	ID	2/2	Optional	1
		<u>Code</u> <u>Name</u>					
		TE Telephone					
PER04	364	<b>Communication Number</b>	C	AN	1/80	Optional	1

### Example:

*Listed below is an example of the data.*

**PER\*OC\*Salesperson John Doe\*TE\*999999999\**

### Please Note:

*The salesperson's name and store phone number will be sent in the PER segment.*

# FOB F.O.B. Related Instructions

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

**User Option (Usage):** Mandatory

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

## 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>	<u>Rep</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Mandatory	1
		<u>Code</u> <u>Name</u>					
		PP Prepaid (by Seller)					

## Example:

*Listed below is an example of the data.*

**FOB\*PP\**

**810 TURN AROUND INFORMATION:**

*Please return the FOB segment, just as you received it, in the FOB segment of the 810 invoice.*

# DTM Date/Time Reference

<b>Pos:</b> 150	<b>Max:</b> 10
<b>Heading - Optional</b>	
<b>Loop:</b> N/A	<b>Elements:</b> 2

**User Option (Usage):** Mandatory

**Purpose:** To specify pertinent dates and times

## 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>	<u>Rep</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Mandatory	1
		<b>Code Name</b>					
		002 Delivery Requested					
		230 Installation					
		373 Order Start					
DTM02	373	Date	C	DT	8/8	Mandatory	1

**Please Note: This will always be an eight-digit date (CCYYMMDD).**

**When DTM01=002, then DTM02=Requested Delivery Date.**

**\*\*Countertop EDI Vendors Only\*\***

**Only one of the following DTM segments will be provided in each 850.\***

**When DTM01=373, then DTM02=Order Start Date-Expected Template Date.**

**When DTM01=230, then DTM02=Installation Date.**

## Example:

Listed below is an example of the data.

DTM\*002\*19980826\

**Countertop EDI Vendors Only:**

**\*Only one of the following DTM segments will be provided in each 850, not both.\***

DTM\*373\*20041201\

DTM\*230\*20041217\

**810 TURN AROUND INFORMATION:**

The information received from the 850 DTM is not automatically returned back in the 810 invoice. The qualifiers change from the 850 to the 810 invoice.

# CTB Restrictions/Conditions

Pos: 280	Max: 5
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Optional

**Purpose:** To specify restrictions/conditions (such as shipping, ordering)

## 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>	<u>Rep</u>
CTB01	688	Restrictions/Conditions Qualifier	M	ID	2/2	Mandatory	1
		<u>Code</u> <u>Name</u>					
		SR Shipping					
CTB02	352	Description	C	AN	1/80	Mandatory	1

### Example:

*Listed below is an example of the data.*

*CTB\*SR\*Shipping Instructions\*

### Please Note:

*This segment may be used to send directions to the delivery address and delivery time information.*

# N1 Name

<b>Pos: 310</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

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

## 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>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Mandatory	1

**Example: Lowe's will use three types of order movement:**

- 1) Shipped to Lowe's Store**
- 2) Shipped Direct to customer/installer**
- 3) Cross Docked through the Lowe's DC**

**1) When the SOS order is shipped to Lowe's store location:**

- ST is used to identify Lowe's store.
- OB is used to identify the Name of the Buying Customer (Last Name, First Name includes comma separator).

**2) When the SOS order is shipped direct to the customer/installer:**

- ST is used to identify the Name of the Person Receiving the Shipment (can be receiving customer's name or installer's name).
- SN is used to identify the Lowe's store number from which the order was generated.
- OB is used to identify the Name of the Buying Customer (Last Name, First Name includes comma separator).

**3) When the SOS order is cross docked:**

- ST is used for Lowe's DC.
- MA is used for Lowe's store from which the order was generated.
- OB is used to identify the Name of the Buying Customer (Last Name, First Name includes comma separator).

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		<b>Code Name</b>					
		MA Party for whom Item is Ultimately Intended					
		OB Ordered By					
		SN Store					
		ST Ship To					
N102	93	<b>Name</b>	C	AN	1/60	Mandatory	1
		<b>Example: Used to send the customer's name for a direct delivery or used to send the Lowe's location name for a store delivery.</b>					
N103	66	<b>Identification Code Qualifier</b>	C	ID	1/2	Optional	1
		<b>Code Name</b>					
		12 Telephone Number (Phone)					
		93 Code assigned by the organization originating the transaction set					
N104	67	<b>Identification Code</b>	C	AN	2/10	Optional	1
		<b>Example: Note - Maximum Allowed for N104 is 11 digits.</b>					
		<b>When N103 = 93, then N104 = Lowe's Location (5-digits, zero-filled)</b>					
		<b>When N103 = 12, then N104 = Buying Customer's/Installer's Phone Number (return the phone number in the 870 as sent in the 850)</b>					

**Example:**

**When the order is direct ship to the customer,**  
**N1\*ST\*Name of Person Receiving Shipment\*12\*999 9999999\**  
**N1\*SN\*\*93\*00655\**  
**N1\*OB\*Buying Customer's Last, First Name\*12\*999 9999999\**  
*(If printing phone number on the direct delivery order, the N104 (phone number) should be used for the shipping label when N101 = ST. The PER04 provides additional contact numbers.)*

**When the order is shipped to a retail Lowe's location,**  
**N1\*ST\*\*93\*00655\**  
**N1\*OB\*Buying Customer's Last, First Name\*12\*999 9999999\**

**Currently, we will not send cross dock information on the SOS 850. However, there is a project underway to add this information. Therefore, this section has been included so you can plan for the additional qualifier. These specs will be updated when the cross dock information has been moved to production.**

**When the order is cross-docked through a DC to a retail Lowe's location,**

**N1\*ST\*\*93\*00960\**  
**N1\*MA \*\*93\*00655\**  
**N1\*OB\*Buying Customer's Last, First Name\*12\*999 9999999\**

**810 TURN AROUND INFORMATION:**

**You must return the store number received in the 850 back in the 810 invoice. Sometimes the store number is sent with the ST qualifer of the 850 and some times it is sent with the SN qualifer of the 850. Also, please be sure to map the store number using the correct qualifer in the 810. The qualifiers in the 810 do not match the qualifiers sent in the 850.**

# N3 Address Information

Pos: 330	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Mandatory

**Purpose:** To specify the location 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>	<u>Rep</u>
N301	166	Address Information	M	AN	1/55	Mandatory	1
N302	166	Address Information	O	AN	1/55	Optional	1

## Example:

*Used when the N1-01 is equal to ST. Identifies the ship to address. If the purchase order is direct to customer/installer, it is necessary to extract the ship-to street address sent in both the N301 and N302 fields.*

*To accommodate SOS order delivery to customers with unusually long addresses there is also an additional N3 segment. Therefore, it will be possible, to receive two N3 segments, each containing address information. Listed below is an example of the data.*

*N3\*street address1\*street address2\  
N3\*street address 3\*

**810 TURN AROUND INFORMATION:**  
*Turn around the data as received in the 850 PO, for the 810 invoice.*

# N4 Geographic Location

<b>Pos: 340</b>	<b>Max: &gt;1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 4</b>

**User Option (Usage):** Mandatory

**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>	<u>Rep</u>
N401	19	<b>City Name</b>	O	AN	2/30	Mandatory	1
N402	156	<b>State or Province Code</b>	O	ID	2/2	Mandatory	1
N403	116	<b>Postal Code</b>	O	ID	3/15	Mandatory	1
N404	26	<b>Country Code</b>	O	ID	2/3	Mandatory	1

## Example:

*Used when the N1-01 is equal to ST. Identifies the ship to address.*

*The Canadian Standard Postal Format must be used. The postal code should be in upper case and expressed in the format of ANA NAN, where A = alpha and N = numeric. It should have one space between the first three and last three positions.*

*The country code used is the three letter ISO 3166 international standard code (USA/CAN).*

*Listed below is an example of the data.*

*N4\*city\*state\*zip\*country code\*

### **810 TURN AROUND INFORMATION:**

*You must turn around the N4 segment, as received in the 850 PO, in the N4 segment of the 810 invoice.*

# PER Administrative Communications Contact

Pos: 360	Max: >1
Heading - Optional	
Loop: N1	Elements: 8

**User Option (Usage):** Optional

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

## 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>	<u>Rep</u>
PER01	366	<b>Contact Function Code</b>	M	ID	2/2	Mandatory	1
		<b><u>Code</u> <u>Name</u></b>					
		NT Notification Contact					
PER02	93	<b>Name</b>	O	AN	1/60	Optional	1
PER03	365	<b>Communication Number Qualifier</b>	C	ID	2/2	Optional	1
		<b><u>Code</u> <u>Name</u></b>					
		WP Work Phone Number					
PER04	364	<b>Communication Number</b>	C	AN	1/80	Optional	1
PER05	365	<b>Communication Number Qualifier</b>	C	ID	2/2	Optional	1
		<b><u>Code</u> <u>Name</u></b>					
		HP Home Phone Number					
PER06	364	<b>Communication Number</b>	C	AN	1/80	Optional	1
PER07	365	<b>Communication Number Qualifier</b>	C	ID	2/2	Optional	1
		<b><u>Code</u> <u>Name</u></b>					
		EM Electronic Mail					
PER08	364	<b>Communication Number</b>	C	AN	1/80	Optional	1

## Example:

*Identifies the contact information of the person receiving the shipment (can be receiving customer's name or installer's name. Listed below is an example of the data.*

**PER\*NT\*Name of Person Receiving Shipment\*HP\*336 6581234\*WP\*336 6584200\*EM\*john.doe@address.xxx\**

# PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 11

User Option (Usage): Mandatory

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

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PO101	350	Assigned Identification	O	AN	1/20	Mandatory	1

**Please Note:** *Lowe's may split orders between vendors. For this reason, the assigned line number may not be sequential on an order. The assigned line number is required when sending detail level 870 Order Statuses back to Lowe's. The vendor should send the items back in the 870 in the same sequence that was received in the 850 and with the same line item number as sent in the 850.*

PO102	330	Quantity Ordered	C	R	1/15	Mandatory	1
-------	-----	------------------	---	---	------	-----------	---

PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Mandatory	1
-------	-----	------------------------------------	---	----	-----	-----------	---

**Please Note:** *All standard X12 codes are used.*

PO104	212	Unit Price	C	R	1/17	Mandatory	1
-------	-----	------------	---	---	------	-----------	---

**Please Note:**

*Lowe's may send a price with up to 4 digits to the right of a decimal.*

PO105	639	Basis of Unit Price Code	O	ID	2/2	Optional	1
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**Please Note:**

*The NC qualifier will be sent for product that is free of charge. The QT qualifier will be sent for product where the "quoted price" is expressed in a different unit of measurement than the quantity ordered. For example, when ordering some types of lumber, the quantity will be expressed in "Eaches", but the price quoted will be per "Thousand board feet". The element will be left empty if neither the "QT" or "NC" apply.*

**Code Name**

NC No Charge

QT Quoted

PO106	235	Product/Service ID Qualifier	C	ID	2/2	Mandatory	1
-------	-----	------------------------------	---	----	-----	-----------	---

**Please Note:**

*Typically, the CB qualifier is sent, unless the seller requests the IN qualifier. Both qualifiers refer to Lowe's item number.*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		<u>Code Name</u> CB Buyer's Catalog Number					
PO107	234	<b>Product/Service ID</b>	C	AN	1/9	Mandatory	1
<div style="background-color: #e0e0e0; padding: 5px;"> <p><b>Please Note: A specific product code will be used when conveying exceptional freight charges due to requested special delivery. Lowe's SOS Catalog Specialist will define the specific product code that will be included in the 850 purchase order.</b></p> </div>							
PO108	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Optional	1
		<u>Code Name</u> VC Vendor's (Seller's) Catalog Number					
PO109	234	<b>Product/Service ID</b>	C	AN	1/20	Optional	1
PO110	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Optional	1
		<u>Code Name</u> 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	<b>Product/Service ID</b>	C	AN	12/14	Optional	1

**Example:**

*Listed below is an example of the data.*

**PO1\*1\*1\*EA\*123.45\*QT\*CB\*12345\*VC\*ABCDEF\*UK\*00123456789012\  
PO1\*1\*1\*EA\*123.45\*QT\*CB\*12345\*VC\*ABCDEF\*UP\*123456789012\**

**810 TURN AROUND INFORMATION:**

**You must return the PO1 segment, just as you received it in the 850, in the IT1 segment of the 810 invoice.**

# PID Product/Item Description

Pos: 050	Max: 1
Detail - Optional	
Loop: PID	Elements: 4

User Option (Usage): Optional

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

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
PID01	349	Item Description Type	M	ID	1/1	Mandatory	1
		<b>Code Name</b>					
		F Free-form					
		X Semi-structured (Code and Text)					
PID03	559	Agency Qualifier Code	C	ID	2/2	Optional	1
		<b>Example: Only used when sending configurable item information.</b>					
		<b>Code Name</b>					
		ZZ Mutually Defined					
PID04	751	Product Description Code	C	AN	1/12	Optional	1
		<b>Example: Only used when sending configurable item information. This will contain a label describing the contents of PID05.</b>					
PID05	352	Description	C	AN	1/80	Mandatory	1

## Example:

Listed below is an example of the data.

```
PID*F****1 QT PERENNIALS\
```

Configurable items may also use a semi-structured format (PID01 = X) as follows.

```
PID~X~~ZZ~PRODUCT CODE~ABCDEF12345G\
```

```
PID~X~~ZZ~COMPOSITE ID~00000001\
```

```
PID~X~~ZZ~QUESTION~DIVISION\
```

```
PID~X~~ZZ~ANSWER~MILLWORK\
```

Packaging of Multiple Items - For vendors with items in the SOS Kitchen Design Catalog or SOS Configureables Catalog, some items may be ordered as individual line items but may need to be packaged together. The data value sent to the vendor in the 850 for the PID-05 element in the PID segment with Composite ID identifies which items should be packaged together prior to shipment. Following is an example of what the line item data will look like in the 850. Please note the data value for the PID-05 element in the PID segment with Composite ID will be sent as 80 bytes although this is not reflected in the example. We do not zero-suppress that data field.

Example of line item data for multiple items to be packaged together.

Item 1, Item 2, and Item 3 should be packaged together as identified in the PID segment with the "Composite ID" in the PID-04 and the same value of "00000001" in the PID-05.

Item 4 should be packaged separately.

Item 5 and 6 should be packaged together as identified by the same value of "00000003" in the PID-05 in the PID Composite ID segment.

```
PO1*1*1*EA*123.45*QT*CB*12345*VC*ABCDEF\
```

```
PID~X~~ZZ~PRODUCT CODE~ABCDEF12345G\ (note if the smart part number is null, the first PID will include freeform text instead of including the PID with the Product Code; for example, "PID*F****K-715-47 ALM LH")
```

```
PID~X~~ZZ~COMPOSITE ID~00000001\
```

```
PID~X~~ZZ~QUESTION~DIVISION\
```

```
PID~X~~ZZ~ANSWER~MILLWORK\
```

```
PO1*2*1*EA*55.25*QT*CB*22333*VC*ABCDDD\
```

```
PID~X~~ZZ~PRODUCT CODE~ABCDEF12388Z\
```

```
PID~X~~ZZ~COMPOSITE ID~00000001\
```

```
PID~X~~ZZ~QUESTION~DIVISION\
```



# CTT Transaction Totals

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Summary - Optional</b>	
<b>Loop: CTT</b>	<b>Elements: 1</b>

**User Option (Usage):** Mandatory

**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>	<u>Rep</u>
CTT01	354	Number of Line Items	M	NO	1/6	Mandatory	1

## Example:

*Listed below is an example of the data.*

CTT\*1\

# SE Transaction Set Trailer

<b>Pos: 030</b>	<b>Max: 1</b>
<b>Summary - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Mandatory

**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>	<u>Rep</u>
SE01	96	Number of Included Segments	M	N0	1/10	Mandatory	1
SE02	329	Transaction Set Control Number	M	AN	4/9	Mandatory	1

**Please Note:**  
  
*The control number must match the control number in ST02*

## Example:

*Listed below is an example of the data.*

**SE\*15\*00000001\**

# GE Functional Group Trailer

<b>Pos: 031</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Mandatory

**Purpose:** To indicate the end of a functional group and to provide control information

## 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>	<u>Rep</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Mandatory	1
GE02	28	Group Control Number	M	N0	1/9	Mandatory	1

**Please Note:**  
  
*The control number must match the control number in the GS08*

## Example:

*Listed below is an example of the data.*

**GE\*1\*000000001\**

# IEA Interchange Control Trailer

<b>Pos: 032</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: N/A</b>	<b>Elements: 2</b>

**User Option (Usage):** Mandatory

**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control 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>	<u>Rep</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Mandatory	1
IEA02	I12	Interchange Control Number	M	N0	9/9	Mandatory	1

**Please Note:**  
*The control number must match the control number in ISA13*

## Example:

*Listed below is an example of the data.*

*IEA\*1\*00000001\*