

# **LOWE'S EDI**

## **855 Purchase Order Acknowledgment**

**VERSION: 004010 FINAL**

**Publication Date: October 28, 1998**

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**855**

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**Purchase Order Acknowledgment**

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**Functional Group=PR**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

**Please note:**

All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Lowe's usages.

The PO Acknowledgment (855) is used to convey to Lowe's purchase order system that a vendor-initiated PO has been created for one or more Lowe's locations. Once received by Lowe's, our PO system is updated, our operations personnel are advised, and a receiving report for the store is generated automatically. This application is used with vendors where a Vendor Managed Inventory (VMI) program has been approved or where stores have been authorized to place stock orders directly with our vendors.

Lowe's provides the purchase order number using either the 852 - Product Activity Data document, or it will be provided by the Inventory Management Group. Please inquire of the Inventory Management Group as to how this will be assigned before contacting the EDI Coordinator. Lowe's also requires the correct Lowe's workorder number (in the REF 02) to be communicated on the 855. The order cannot be processed without the correct workorder number. It is possible Lowe's will have multiple workorder numbers for the same vendor (depending on the products involved or the vendor shipping locations). These will be provided to the vendor in the 852 - Product Activity Data document or manually, in advance of the initial transmission. Please contact the appropriate Inventory Specialist for this information, if needed. Lastly, Lowe's accepts either Lowe's item number or the item level UPC number. Each item number must be transmitted to Lowe's only ONCE for each purchase order. If a vendor sends two PO1 segments with the same item number in the same purchase order, Lowe's will ignore the second PO1 segment.

*Purchase order changes and cancellations can be communicated using the 855 document as well. If canceling a purchase order, the BAK01 should be sent with a qualifier of "01". If changing a purchase order, the BAK01 must be sent with a qualifier of "05". The entire contents of the purchase order must be recommunicated back to Lowe's. We will simply "replace" the original purchase order with the revised purchase order. **Please note: The PO change and cancellation process for the 855 document is currently not available. Lowe's will implement this enhancement at a later date.***

Lowe's retrieves the 855 documents from our VAN mailbox throughout the day, but we will process data at 5:30 pm ET Monday through Saturday. Lowe's does not process 855 documents on Sunday. Any 855 documents received after this deadline will be processed the next evening (except Sunday). Our purchase order system, as well as our stores, receive the information on the evening the documents are processed, and Lowe's can receive the merchandise the next day.

Because so many software packages are unable to send consecutive control numbers in the GS and ST segments that are document specific, Lowe's will NOT be monitoring inbound control numbers to Lowe's. Therefore please reconcile outbound 855's to the inbound 997's from Lowe's. If you do not receive a 997, we did not receive your 855's.

We have three testing phases at Lowe's:

**TEST** - When a vendor begins transmitting the 855 document to Lowe's, only ONE document is requested on the first transmission. This will allow Lowe's to process the document and relay any problems that were encountered. If the 855 is processed with no difficulty, Lowe's will contact the vendor and ask the vendor to move on to the next stage.

**PARALLEL** - Lowe's requires that all 855 documents are sent through EDI and faxed to the Inventory Specialist. This tells the Inventory Specialist two important things: that all of the orders are making it through the EDI channels properly, and that each EDI order contains the same information as the fax copy. In this stage, the orders are sent to the Lowe's test purchase order system and are put into a "suspense file." Once the Inventory Specialist verifies the fax agrees with the EDI order, it can be released directly into the purchase order system. After several transmissions, if no problems are encountered, the specialist indicates to the Lowe's EDI Coordinator that they would like to go on to the next stage. The EDI Coordinator will contact the vendor and advise.

PRODUCTION - All 855 documents are now processed through EDI only, no fax copy is required. In this stage, the 855 documents will go directly into our purchase order system. In this stage, any changes to a reverse PO that has already been transmitted must be phoned or faxed to the Inventory Specialist responsible for your product.

**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	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Mandatory
050	REF	Reference Identification	O	>1			Mandatory
060	PER	Administrative Communications Contact	O	3			Optional
150	DTM	Date/Time Reference	O	10			Mandatory
<b>LOOP ID - N1</b>					<b>200</b>		
300	N1	Name	O	1			Mandatory

**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	O	1			Mandatory

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

# 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>

To start and identify an interchange of zero or more functional groups and interchange-related control segments

**Please note:**

All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Lowe's usages.

**Example:**

ISA\*00\* \*00\* \*01\* sender's id\*01\* 006097142\*981001\*1400\*U\*00400\*000000001\*0\*T>\ (006097142 with a 01 qualifier is Lowe's actual id for EDI transactions for both test and production data.)

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	<u>Authorization Information Qualifier</u> <u>Code NAME</u>	M	ID	2/2	Mandatory
	00	No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	<u>Authorization Information</u> <b>Please note:</b>  This element should be filled with spaces.	M	AN	10/10	Mandatory
ISA03	I03	<u>Security Information Qualifier</u> <u>Code NAME</u>	M	ID	2/2	Mandatory
	00	No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	<u>Security Information</u> <b>Please note:</b>  This element should be filled with spaces.	M	AN	10/10	Mandatory
ISA05	I05	<u>Interchange ID Qualifier</u> All valid X12 codes are used.	M	ID	2/2	Mandatory
ISA06	I06	<u>Interchange Sender ID</u>	M	AN	15/15	Mandatory
ISA07	I05	<u>Interchange ID Qualifier</u> <u>Code NAME</u>	M	ID	2/2	Mandatory
	01	Duns (Dun & Bradstreet)				
ISA08	I07	<u>Interchange Receiver ID</u> <b>Please note:</b> The receiver id for Lowe's for both test and production data is 006097142.	M	AN	15/15	Mandatory

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA09	I08	<u>Interchange Date</u>	M	DT	6/6	Mandatory
ISA10	I09	<u>Interchange Time</u>	M	TM	4/4	Mandatory
ISA11	I10	<u>Interchange Control Standards Identifier</u> All valid X12 codes are used.	M	ID	1/1	Mandatory
ISA12	I11	<u>Interchange Control Version Number</u> <u>Code NAME</u> 00400 <u>Standard Issued as ANSI X12.5-1997</u>	M	ID	5/5	Mandatory
ISA13	I12	<u>Interchange Control Number</u>	M	N0	9/9	Mandatory
ISA14	I13	<u>Acknowledgment Requested</u> <u>Code NAME</u> 0 <u>No Acknowledgment Requested</u>	M	ID	1/1	Mandatory
ISA15	I14	<u>Usage Indicator</u> <u>Code NAME</u> P <u>Production Data</u> T <u>Test Data</u>	M	ID	1/1	Mandatory
ISA16	I15	<u>Component Element Separator</u>	M		1/1	Mandatory

# GS Functional Group Header

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

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

**Example:**

GS\*PR\*sender's id\*006097142\*19981001\*1646\*000000001\*X\*004010\

**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>
GS01	479	- <b>Functional Identifier Code</b> <u>Code NAME</u> PR - Purchase Order Acknowledgement (855)	M	ID	2/2	Mandatory
GS02	142	Application Sender's Code	M	AN	2/15	Mandatory
GS03	124	Application Receiver's Code	M	AN	2/15	Mandatory
		Please note:  The receiver id for Lowe's for both test and production data is 006097142.				
GS04	373	Date	M	DT	8/8	Mandatory
GS05	337	Time	M	TM	4/8	Mandatory
GS06	28	Group Control Number	M	N0	1/9	Mandatory
GS07	455	<b>Responsible Agency Code</b> <u>Code NAME</u> X - Accredited Standards Committee X12	M	ID	1/2	Mandatory
GS08	480	<b>Version / Release / Industry Identifier Code</b> <u>Code NAME</u> 004010 - Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	AN	1/12	Mandatory

# ST Transaction Set Header

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

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

**Example:**

ST\*855\*000000001\

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code <u>Code</u> <u>NAME</u>	M	ID	3/3	Mandatory
		855 Purchase Order Acknowledgment				
ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory

# BAK Beginning Segment for Purchase Order Acknowledgment

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

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

**Example:**

BAK\*00\*AP\*12345\*19981001\

**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>
BAK01	353	Transaction Set Purpose Code <i>Please note: The "00" qualifier should be sent for new orders only. The "05" should be sent when changing an order. The "01" should be sent when canceling an order. PO changes and cancellations will be available with the 855 at a later date..</i>	M	ID	2/2	Mandatory
		<u>Code</u> <u>NAME</u>				
		00 Original				
		01 Cancellation				
		05 Replace				
BAK02	587	Acknowledgment Type	M	ID	2/2	Mandatory
		<u>Code</u> <u>NAME</u>				
		AP Acknowledge - Product Replenishment				
BAK03	324	Purchase Order Number	M	AN	1/22	Mandatory
BAK04	373	Date	M	DT	8/8	Mandatory
		<i>Please note: This should always be an eight-digit date (CCYYMMDD)..</i>				



# REF Reference Identification

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

To specify identifying information

**Example:**

REF\*WO\*22222\

**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>
REF01	128	Reference Identification Qualifier <u>Code NAME</u> WO Work Order Number	M	ID	2/3	Mandatory
REF02	127	Reference Identification	M	AN	1/30	Mandatory

**Please note:**

Lowe's will provide a five-digit internal workorder number to be sent here, as well as the usage guidelines as to whether or not this number will remain static.

# PER Administrative Communications Contact

Pos: 060      Max: 3  
 Heading - Optional  
 Loop: N/AElements: 2

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

**Please note:**

This segment should be used to communicate the name of the individual at our retail locations who placed the order.

**Example:**

PER\*OC\*JOHN DOE\

**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>
PER01	366	- Contact Function Code <u>Code NAME</u> OC - Order Contact	M	ID	2/2	Conditional
PER02	93	Name	O	AN	1/60	Mandatory

# DTM Date/Time Reference

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

To specify pertinent dates and times

**Example:**

DTM\*067\*19980826\  
 DTM\*068\*19980825\  
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**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>
DTM01	374	- <b>Date/Time Qualifier</b> Please note: The 068 qualifier is optional. <u>Code NAME</u> 067 - Current Schedule Delivery 068 - Current Schedule Ship	M	ID	3/3	Mandatory
DTM02	373	<b>Date</b> Please note: This date should always be an eight-digit date (CCYYMMDD).	C	DT	8/8	Mandatory

# N1 Name

Pos: 300	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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

**Example:**

N1\*ST\*\*94\*0960\  
 N1\*MA\*\*94\*0465\

**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>
N101	98	- <b>Entity Identifier Code</b> Please note: The ST code should always be sent, referencing either a distribution center or store. The MA code is sent for cross-dock purchase orders ONLY. The MA code will reference the ultimate store that will receive the cross-dock purchase order from Lowe's distribution center. For a cross-dock order, the ST will represent the distribution center. The invoice sent back to Lowe's should be for the ultimate store for which the cross-dock order was intended. <u>Code NAME</u> MA - Party for whom Item is Ultimately Intended ST Ship To	M	ID	2/3	Mandatory
N102	93	<b>Name</b> Please note: This element should be left blank for Lowe's locations.	C	AN	1/60	Not used by Lowe's
N103	66	<b>Identification Code Qualifier</b> Example: <u>Code NAME</u> 94 - Code assigned by the organization that is the ultimate destination of the transaction set	C	ID	1/2	Mandatory
N104	67	<b>Identification Code</b> Please note: This element should contain the location number for either the store or distribution center to which you are shipping.	C	AN	2/80	Mandatory

# PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 7

To specify basic and most frequently used line item data

**Example:**

PO1\*\*25\*EA\*2.5\*\*CB\*12345\

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	Assigned Identification	O	AN	1/20	Not used by Lowe's
PO102	330	Quantity Ordered	C	R	1/15	Mandatory
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	Mandatory
		<u>Code</u> <u>NAME</u>				
		BD Bundle				
		BG Bag				
		BX Box				
		CA Case				
		DS Display				
		EA Each				
		FT Foot				
		LF Linear Foot				
		PC Piece				
		PR Pair				
		RL Roll				
		UN Unit				
PO104	212	Unit Price	C	R	1/17	Optional
		<b>Please note:</b>				
		The price should be sent with a decimal point only when needed, e.g. \$15.95 should be sent as "15.95", and \$29.00 should be sent as "29".				
PO105	639	Basis of Unit Price Code	O	ID	2/2	Not used by Lowe's
PO106	235	Product/Service ID Qualifier	C	ID	2/2	Mandatory
		<u>Code</u> <u>NAME</u>				
		CB Buyer's Catalog Number				
		UP U.P.C. Consumer Package Code (1-5-5-1)				
PO107	234	Product/Service ID	C	AN	1/48	Mandatory
		<b>Please note:</b>				
		This element should contain Lowe's item number or the UPC number for the product being shipped.				

# CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

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

**Example:**

CTT\*1\

**Element Summary:**

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

# SE Transaction Set Trailer

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

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

**Example:**

SE\*10\*000000001\

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Mandatory
SE02	329	Transaction Set Control Number	M	AN	4/9	Mandatory

**Please note:**

Must match the control number in the ST02 element

# GE Functional Group Trailer

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

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

**Example:**

GE\*1\*000000001\

**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>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Mandatory
GE02	28	Group Control Number	M	N0	1/9	Mandatory

**Please note:**

Must match the control number in the GS08 element



# IEA Interchange Control Trailer

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

To define the end of an interchange of zero or more functional groups and interchange-related control segments

**Example:**

IEA\*1\*000000001\

**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>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Mandatory
IEA02	I12	Interchange Control Number	M	N0	9/9	Mandatory

**Please note:**

Must match the control number in the ISA13 element