

LOWE'S EDI

824 Application Advice

Version: 004060

Author:	Lowe's Companies, Inc.
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Notes:	This 824 Implementation Guide is the same for all vendors submitting an 855 Reverse PO.

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824 Application Advice

Functional Group=AG

Purpose: This X12 EDI document includes the 824 Application Advice data requirements used by Lowe's for reporting 855 Reverse PO EDI data errors to our trading partners. The 855 data validation will be based on the requirements included in the 855 Reverse PO Implementation Guide. It will also be validated against an actual purchase order upon receipt of the 855 Reverse PO. Additional system application reporting tools at Lowe's will be used to advise the trading partner of shipment compliance based on the 855 Reverse PO and actual receipt of the shipment.

There are two types of 855 data errors that will be reported in the 824: 1) those 855 Reverse PO documents that were accepted with errors, and 2) those 855 Reverse PO documents that were rejected. For the 855 documents that were accepted with errors, the trading partner does not need to resend the 855 unless the trading partner determines it is necessary. For the other type of 855 data errors that are rejected, the trading partner should resend the 855. After the Original 855 is transmitted, all subsequent 855s for an order should be sent as a Replacement regardless of whether the Original 855 rejected. For both warning/reject 855 errors, the trading partner should identify what caused the error and make the necessary system application changes to eliminate the error in future 855 EDI transactions.

If there are data discrepancies with the 855 data, the 997 that Lowe's returns for the 855 may indicate the 855 was Accepted but the 824 will include the data discrepancies. Note, Lowe's will always send an E in the 997 to indicate 855 data that was rejected or was processed with warnings. Both the 997 and 824 documents sent by Lowe's should be used to address any data discrepancies with the 855.

For 855s that are rejected, a Replacement 855 is required within 24 hours of the rejected status being communicated to your company via the EDI 824 document.

Lowe's requires a 997 Functional Acknowledgment for the 824 to be returned within 72 hours of transmission of the 824 document. The 997 should be sent in version 004060.

Lowe's will retrieve the 855 EDI documents during our inbound run times, and the 824 EDI documents will be transmitted during our outbound run times. The inbound/outbound transmission times are listed on Lowe's Quick Reference sheet which can be viewed on www.loweslink.com, click EDI, select Lowe's EDI, and select EDI Quick Reference.

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>
0001	ISA	Interchange Control Header	M	1			Mandatory
0002	GS	Functional Group Header	M	1			Mandatory
0100	ST	Transaction Set Header	M	1			Mandatory
0200	BGN	Beginning Segment	M	1			Mandatory
LOOP ID - N1					2		
0300	N1	Party Identification	O	1			Mandatory
0800	PER	Administrative Communications Contact	O	3			Conditional

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>
LOOP ID - OTI					1	N2/0100L	
0100	OTI	Original Transaction Identification	M	1		N2/0100	Mandatory
0200	REF	Reference Information - OTI Loop	O	3		N2/0200	Mandatory
0500	AMT	Monetary Amount Information	O	>1		N2/0500	Conditional
LOOP ID - TED					25		
0700	TED	Technical Error Description	O	1			Mandatory
0800	NTE	Note/Special Instruction	O	1			Conditional

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>
0900	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>
0901	GE	Functional Group Trailer	M	1			Mandatory
0902	IEA	Interchange Control Trailer	M	1			Mandatory

ISA Interchange Control Header

Pos: 0001	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 16

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>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Mandatory
CodeList Summary (Total Codes: 7, Included: 1)						
Code Name						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	Authorization Information	M	AN	10/10	Mandatory
Please Note: This element should be filled with spaces.						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Mandatory
CodeList Summary (Total Codes: 2, Included: 1)						
Code Name						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	Security Information	M	AN	10/10	Mandatory
Please Note: This element should be filled with spaces.						
ISA05	I05	Interchange ID Qualifier for Lowe's	M	ID	2/2	Mandatory
CodeList Summary (Total Codes: 41, Included: 1)						
Code Name						
01 Duns (Dun & Bradstreet)						
ISA06	I06	Interchange Sender ID for Lowe's	M	AN	15/15	Mandatory
Please Note: The sender ID for Lowe's for both test and production data is 006097142.						
ISA07	I05	Interchange ID Qualifier for Trading Partner	M	ID	2/2	Mandatory
Please Note: The GS02 ID included in the 855 is used to extract the trading partner's ISA qualifier from Lowe's EDI database.						
All valid standard codes are used. (Total Codes: 41)						
ISA08	I07	Interchange Receiver ID for Trading Partner	M	AN	15/15	Mandatory
Please Note: The GS02 ID included in the 855 is used to extract the trading partner's ISA ID from Lowe's EDI database.						
ISA09	I08	Interchange Date	M	DT	6/6	Mandatory
ISA10	I09	Interchange Time	M	TM	4/4	Mandatory
ISA11	I65	Repetition Separator	M		1/1	Mandatory
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Mandatory
CodeList Summary (Total Codes: 18, Included: 1)						
Code Name						
00400 ASC X12 Standards Issued by ANSI in 1997						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA13	I12	Interchange Control Number	M	NO	9/9	Mandatory
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Mandatory
CodeList Summary (Total Codes: 2, Included: 1)						
<u>Code</u> <u>Name</u>						
0 No Interchange Acknowledgment Requested						
ISA15	I14	Interchange Usage Indicator	M	ID	1/1	Mandatory
CodeList Summary (Total Codes: 3, Included: 2)						
<u>Code</u> <u>Name</u>						
P Production Data						
T Test Data						
ISA16	I15	Component Element Separator	M		1/1	Mandatory

Example:

ISA*00* *00* *01*006097142*01*receiver id*041001*1700*U*00400*000000001*0*T*>

GS Functional Group Header

Pos: 0002	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 8

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>
GS01	479	Functional Identifier Code	M	ID	2/2	Mandatory
		CodeList Summary (Total Codes: 262, Included: 1)				
		Code Name				
		AG Application Advice (824)				
GS02	142	Application Sender's Code for Lowe's	M	AN	2/15	Mandatory
		Please Note: The sender ID for Lowe's for both test and production data is 006097142.				
GS03	124	Application Receiver's Code for Trading Partner	M	AN	2/15	Mandatory
		Please Note: The receiver ID is extracted from the GS02 in the 855.				
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	Responsible Agency Code	M	ID	1/2	Mandatory
		CodeList Summary (Total Codes: 2, Included: 1)				
		Code Name				
		X Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Mandatory
		CodeList Summary (Total Codes: 49, Included: 1)				
		Code Name				
		004060 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2002				

Example:

GS*AG*006097142*receiver id*20041001*1700*1*X*004060

ST Transaction Set Header

Pos: 0100	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>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Mandatory
CodeList Summary (Total Codes: 316, Included: 1)						
Code Name						
824 Application Advice						
ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory

Example:

ST*824*000000001

BGN Beginning Segment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Mandatory**Purpose:** To indicate the beginning of a 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>
BGN01	353	Transaction Set Purpose Code	M	ID	2/2	Mandatory
CodeList Summary (Total Codes: 66, Included: 1)						
Code Name						
00 Original						
BGN02	127	Reference Identification	M	AN	1/50	Mandatory
Please Note: The BGN02 will include the PO Number sent in the BAK03 in the 855.						
BGN03	373	Date	M	DT	8/8	Mandatory
Please Note: The BGN03 is the transaction set date.						
BGN04	337	Time	X	TM	4/8	Mandatory
Please Note: The BGN04 is the transaction set time. Time expressed in 24-hour clock time as HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99). An 8-digit time will be included in the BGN04.						
BGN05	623	Time Code	O	ID	2/2	Mandatory
Please Note: The BGN05 is the transaction set time qualifier. If BGN05 is present, then BGN04 is required.						
CodeList Summary (Total Codes: 51, Included: 1)						
Code Name						
ET Eastern Time						

Please Note:

A separate transaction set will be created for each item on a given PO with errors.

Example:

```

ST*824*000007707\
BGN*00*123456789*20140908*0858*ET\
N1*ST**94*975\
OTI*TE*PO*123456789*123456789*006097142*****855\
REF*IX*12345\
REF*WO*99999\
TED*ZZZ*RC -LOWE'S RP NO LONGER EFFECTIVE -CALL BUYER\
SE*8*000007707\
ST*824*000007708\
BGN*00*123456789*20140908*0858*ET\
N1*ST**94*975\
OTI*TE*PO*123456789*123456789*006097142*****855\
REF*IX*67890\
REF*WO*99999\
TED*ZZZ*RC -LOWE'S RP NO LONGER EFFECTIVE -CALL BUYER\
SE*8*000007708\

```

N1 Party Identification

Pos: 0300	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

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>
N101	98	Entity Identifier Code	M	ID	2/3	Mandatory
CodeList Summary (Total Codes: 1494, Included: 1)						
Code Name						
ST Ship To						
N103	66	Identification Code Qualifier	X	ID	1/2	Conditional
CodeList Summary (Total Codes: 243, Included: 1)						
Code Name						
94 Code assigned by the organization that is the ultimate destination of the transaction set						
N104	67	Identification Code	X	AN	2/80	Conditional

Please Note: This element will contain the location number sent in the N1-04 of the 855 document.

Example:

N1*ST**94*701

PER Administrative Communications Contact

Pos: 0800	Max: 3
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Conditional

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>
PER01	366	Contact Function Code	M	ID	2/2	Mandatory
<p>Please Note: Lowe's uses a qualifier of BD to indicate Buyer ID.</p> <p>CodeList Summary (Total Codes: 238, Included: 1)</p> <p>Code Name</p> <p>BD Buyer Name or Department</p>						
PER02	93	Name	O	AN	1/60	Conditional
<p>Please Note: This element contains the Lowe's Buyer ID.</p>						

OTI Original Transaction Identification

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: OTI	Elements: 6

User Option (Usage): Mandatory

Purpose: To identify the edited transaction set and the level at which the results of the edit are reported, and to indicate the accepted, rejected, or accepted-with-change edit result

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>
OTI01	110	Application Acknowledgment Code	M	ID	1/2	Mandatory

Please Note: If OTI01=TE, the 855 was accepted with errors; the trading partner should not resend the Reverse PO unless the trading partner determines it is necessary.

If OTI01=TR, the 855 was rejected; the trading partner should correct the Reverse PO and resend it.

The TED segment can be sent up to 25 times within the OTI loop for an 824. If multiple TED segments are sent and one of the errors cause the 855 to reject, then the OTI01 will include a TR value.

After the Original 855 is transmitted, all subsequent 855s should be sent as a 855 Change ONLY IF the Original 855 rejected and did not post to Lowe's systems.

For both TE and TR codes, the trading partner should review the error message included in the TED segment, and make the necessary system application changes to eliminate the error on future 855 transactions.

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

Code Name

TE Transaction Set Accept with Error
TR Transaction Set Reject

OTI02	128	Reference Identification Qualifier	M	ID	2/3	Mandatory
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CodeList Summary (Total Codes: 1703, Included: 1)

Code Name

PO Purchase Order Number

OTI03	127	Reference Identification	M	AN	1/50	Mandatory
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Please Note: This field will include the PO Number sent in the BAK03 in the 855.

OTI04	142	Application Sender's Code as sent in the 855	O	AN	2/15	Mandatory
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Please Note: This field will include the 855 sender's ID as sent in the 855 GS02.

OTI05	124	Application Receiver's Code as sent in the 855	O	AN	2/15	Mandatory
-------	-----	---	---	----	------	-----------

Please Note: This field will include Lowe's ID of 006097142.

OTI10	143	Transaction Set Identifier Code	O	ID	3/3	Conditional
-------	-----	--	---	----	-----	-------------

CodeList Summary (Total Codes: 316, Included: 1)

Code Name

855 Purchase Order Acknowledgment

REF Reference Information - OTI Loop

Pos: 0200	Max: 3
Detail - Optional	
Loop: OTI	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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory
CodeList Summary (Total Codes: 1703, Included: 2)						
Code Name						
IX Item Number						
WO Work Order Number						
REF02	127	Reference Identification	X	AN	1/50	Mandatory

Please Note:

Lowe's uses a qualifier of IX to indicate the item number in error. A qualifier of WO is used to indicate the Lowe's Merchant Program (MP) number.

AMT Monetary Amount Information

Pos: 0500	Max: >1
Detail - Optional	
Loop: OTI	Elements: 2

User Option (Usage): Conditional

Purpose: To indicate the total monetary amount

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>
AMT01	522	Amount Qualifier Code	M	ID	1/3	Mandatory
CodeList Summary (Total Codes: 1762, Included: 2)						
Code Name						
LI Line Item Unit Price						
Z7 Program Cost						
AMT02	782	Monetary Amount	M	R	1/18	Mandatory

Please Note:

Lowe's uses a qualifier of LI to indicate the line item price sent by the trading partner on the 855 Reverse PO. A qualifier of Z7 is used to indicate the price that Lowe's has for that item on the Merchant Program (MP).

Please be aware that if an item price is NOT available, the AMT segment(s) will be suppressed.

TED Technical Error Description

Pos: 0700	Max: 1
Detail - Optional	
Loop: TED	Elements: 2

User Option (Usage): Mandatory

Purpose: To identify the error and, if feasible, the erroneous segment, or data element, or both

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>
TED01	647	Application Error Condition Code	M	ID	1/3	Mandatory

Please Note: The same code in the TED01 can be used for both reject and warning messages, and the same code can represent more than one error message within the reject and warning categories.

CodeList Summary (Total Codes: 200, Included: 1)

Code Name

ZZZ Mutually Defined

TED02	3	Free-form Message	O	AN	1/60	Mandatory
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Please Note: The TED02 will include the reason the 855 was rejected or accepted with errors. The OTI01 may be used to identify the error condition.

Please Note:

If there are multiple errors for a given PO/Item number combination, the TED and NTE segments will loop up to 25 times in order to convey all applicable error messages. Please note that the NTE segment may not necessarily be present in each loop as it is simply a continuation of the TED segment if the error message is longer than 60 bytes.

Example:

```
ST*824*000007709\
BGN*00*123456789*20140908*0858*ET\
N1*ST**94*975\
OTI*TE*PO*123456789*123456789*006097142*****855\
REF*IX*12345\
REF*WO*99999\
TED*ZZZ*RC -ERROR MESSAGE 1          XXXXXXXXXXXXXXXX\
NTE**XXXXXXXXXX\
TED*ZZZ*RC -ERROR MESSAGE 2\
TED*ZZZ*RC -ERROR MESSAGE 3 XXXXXXXXXXXXXXXXXXXXXXXX\
NTE**XXXXXXXXXXXX\
SE*12*000007709\
```


NTE Note/Special Instruction

Pos: 0800	Max: 1
Detail - Optional	
Loop: TED	Elements: 1

User Option (Usage): Conditional

Purpose: To transmit information in a free-form format, if necessary, for comment or special instruction

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>
NTE02	352	Description	M	AN	1/80	Mandatory

Please Note:

The NTE segment will be included in the 824 to provide additional information on the error, or when there are additional 855 segments/elements that will be helpful for the trading partner in researching the problem with the 855.

If multiple TED segments are sent and one of the errors cause the 855 to reject, then the OTI01 will include a TR value.

The NTE01 is not used by Lowe's.

Example:

NTE**Error message continued from TED segment.

SE Transaction Set Trailer

Pos: 0900	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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

Example:

SE*11*000000001

GE Functional Group Trailer

Pos: 0901	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

Example:

GE*1*1

IEA Interchange Control Trailer

Pos: 0902	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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

Example:

IEA*1*000000001