

LOWE'S EDI

824 Application Advice

Version: 004060

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Notes:

**This 824 Implementation Guide
is the same for all vendors
submitting as ASN.**

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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 856 Advance Ship Notice EDI data errors to our trading partners. The 856 data validation will be based on the requirements included in the 856 ASN Implementation Guide. It will also be validated against an actual purchase order upon receipt of the 856 ASN. Additional system application reporting tools at Lowe's will be used to advise the trading partner of shipment compliance based on the purchase order, 856 data, and actual receipt of the shipment.

There are two types of 856 data errors that will be reported in the 824: 1) those 856 transactions that were accepted with errors, and 2) those 856 transactions that were rejected. For the 856 transactions that were accepted with errors, the trading partner does not need to resend the 856 unless the trading partner determines it is necessary. For the other type of 856 data errors that are rejected, the trading partner should resend the 856. After the Original ASN is transmitted, all subsequent ASNs for an order should be sent as a Replacement ASN regardless of whether the Original ASN rejected. For both warning/reject 856 errors, the trading partner should identify what caused the error and make the necessary system application changes to eliminate the error in future 856 ASN EDI transactions. Lowe's will continue reporting all errors in the ASN up to 25 reject/warning error messages in the 824 document.

If there are data discrepancies with the 856 data, the 997 that Lowe's returns for the 856 ASN may indicate the 856 was Accepted but the 824 will include the data discrepancies. Note, Lowe's will always send an E in the 997 to indicate 856 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 856.

For ASNs that are rejected, a Replacement ASN 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 004010 or 004060.

Lowe's will retrieve the 856 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.

The following is a reference tool to identify the error in the 824 and link it to the 856 ASN sent by the trading partner.

IDENTIFY WHICH COMPANY/DIVISION HAD THE 856 ERROR

- 1) Company Name - N1 with a TO code in the N101 gives the company name of the trading partner in the N102.
- 2) Vendor Number - If the vendor number is included in the 856, the REF with an IA code in the REF01 gives the Lowe's internal vendor number in the REF02 for the trading partner.
- 3) ID - OTI05 gives the trading partner's EDI ID that sent the 856 data.

WHICH PURCHASE ORDER

- 1) Shipment ID - OTI03 gives the shipment ID which is unique to an 856 and should be used for all subsequent 856's pertaining to the same order.
- 2) PO # - REF with a PO code in the REF01 gives the PO # in the REF02.
- 3) Location # - REF with an ST code in the REF01 gives the Ship To location in the REF02. (See REF segment for info on crossdock location numbers.)

WHICH 856 HAD THE ERROR

- 1) 856 - OTI10 includes 856 to confirm the EDI document was an 856 ASN.
- 2) Original or Replacement - OTI12 identifies whether the 856 was an original or a replacement.
- 3) 856 Date - OTI06 gives the date the 856 was sent to Lowe's.
- 4) 856 Time - OTI07 gives the time the 856 was sent to Lowe's.
- 5) GS # - OTI08 includes the Group Control Number from the 856.
- 6) ST # - OTI09 includes the Transaction Set Control Number from the 856.

WHAT WERE THE ERRORS

- 1) Segment - TED03 gives the name of the segment from the 856 that had the error.
- 2) Element - TED05 gives the position of the data element in the segment from the 856.
- 3) Error Message - TED02 provides the reason the segment/element was in error. The TED01 gives an error code for the message that can be used to identify repetitive errors.
- 4) Error Message Continued - The NTE segment will be included in the 824 to provide additional information on the error, or when there are additional 856 segments/elements that will be helpful for the trading partner in researching the problem with the 856.
- 5) The TED and NTE segments 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 856 to reject, then the OTI01 will include a TR value.

WHAT ACTION IS NEEDED

- 1) Accept/Reject/Resend 856 - OTI01 indicates whether the 856 was accepted with errors or rejected. If OT101=TE, the 856 was accepted with errors and the 856 should not be resent unless the trading partner determines it is necessary. If OT101=TR, the 856 was rejected and the 856 should be resent as a replacement. After the Original ASN is transmitted, all subsequent ASNs for an order should be sent as a Replacement ASN regardless of whether the Original ASN rejected. If an ASN is rejected (OTI01=TR), a Replacement ASN is required within 24 hours of the rejected status being communicated to your company via the EDI 824 document.
- 2) Application Changes Needed for Future 856 Documents - For both TE and TR codes, the trading partner should review the error message included in the TED and NTE segments, and make the necessary system application changes to eliminate the error on future 856 transactions.

ADDITIONAL NOTES

- * All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Lowe's usages.
- * All transactions should be sent using unique ISA, GS, and ST control numbers. This is also needed when sending a Replacement ASN.

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 |
| 0700 | REF | Reference Information - N1 Loop | O | 1 | | | 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 |
| 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) | | | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 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) | | | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 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) | | | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 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 856 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 856 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) | | | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 00400 ASC X12 Standards Issued by ANSI in 1997 | | | | |
| 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) | | | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 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 856. | | | | | | |
| 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) | | | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | X Accredited Standards Committee X12 | | | | |
| GS08 | 480 | Version / Release / Industry Identifier Code | M | AN | 1/12 | Mandatory |
| CodeList Summary (Total Codes: 49, Included: 1) | | | | | | |
| | | <u>Code</u> <u>Name</u> | | | | |
| | | 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) | | | | | | |
| | | <u>Code</u> | | <u>Name</u> | | |
| | | 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) | | | | |
| | | <u>Code</u> | | <u>Name</u> | | |
| | | 00 | | Original | | |
| BGN02 | 127 | Reference Identification | M | AN | 1/50 | Mandatory |
| | | Please Note: The BGN02 will include the Shipment ID sent in the 856 ASN BSN02 as a quick reference for the trading partner. The BGN02 will be a maximum field length of 30. If the Shipment ID is missing in the 856 BSN02, the BGN02 will include a value of 'UNKNOWN'. | | | | |
| 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) | | | | |
| | | <u>Code</u> | | <u>Name</u> | | |
| | | ET | | Eastern Time | | |

Example:

BGN*00*ShiplDfrom856*20041001*17325413*ET

N1

Party Identification

| | |
|--------------------|-------------|
| Pos: 0300 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 2 |

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: 2) | | | | | | |
| | | <u>Code</u> | | <u>Name</u> | | |
| | | FR | | Message From | | |
| | | TO | | Message To | | |
| N102 | 93 | Name | X | AN | 1/60 | Mandatory |
| Please Note: If N101=FR, then N102=Lowe's Companies, Inc. If N101=TO, then N102=Company Name of Trading Partner that sent the 856 ASN EDI transaction. The GS ID sent in the 856 is used to extract the N102 trading partner name from Lowe's EDI database. | | | | | | |

Example:

N1*FR*Lowe's Companies, Inc.

N1*TO*Trading Partner Company Name

REF Reference Information - N1 Loop

| | |
|--------------------|-------------|
| Pos: 0700 | Max: 1 |
| Heading - Optional | |
| Loop: N1 | Elements: 2 |

User Option (Usage): Conditional

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: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|------------------------|
| IA | Internal Vendor Number |

| | | | | | | |
|-------|-----|--------------------------|---|----|------|-----------|
| REF02 | 127 | Reference Identification | X | AN | 1/50 | Mandatory |
|-------|-----|--------------------------|---|----|------|-----------|

Please Note: IF REF01=IA, Lowe's internal vendor number as sent in the 856 will be included in the REF02. The data value in this field will be extracted from the REF=IA segment in the 856. If the vendor number is incorrect in the 824, the vendor should resend the 856 to ensure the 856 data is posted for the trading partner's company. The vendor number can be up to nine digits in length.

Please Note:

The REF*IA segment will be sent in the 824 if the 856 includes a vendor number at the Order Level. If sent at any other level in the 856, it will be ignored.

Example:

REF*IA*999999999

OTI Original Transaction Identification

| | |
|--------------------|--------------|
| Pos: 0100 | Max: 1 |
| Detail - Mandatory | |
| Loop: OTI | Elements: 11 |

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 856 was accepted with errors; the trading partner should not resend the ASN unless the trading partner determines it is necessary.

If OTI01=TR, the 856 was rejected; the trading partner should resend the ASN.

The TED and NTE segments 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 856 to reject, then the OTI01 will include a TR value.

After the Original ASN is transmitted, all subsequent ASNs for an order should be sent as a Replacement ASN regardless of whether the Original ASN rejected.

If an ASN is rejected (OTI01=TR), a Replacement ASN is required within 24 hours of the rejected status being communicated to your company via the EDI 824 document.

For both TE and TR codes, the trading partner should review the error message included in the TED and NTE segments, and make the necessary system application changes to eliminate the error on future 856 transactions.

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

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------------------------|
| TE | Transaction Set Accept with Error |
| TR | Transaction Set Reject |

| | | | | | | |
|-------|-----|---|---|----|-----|-----------|
| OTI02 | 128 | Reference Identification Qualifier | M | ID | 2/3 | Mandatory |
|-------|-----|---|---|----|-----|-----------|

CodeList Summary (Total Codes: 1703, Included: 1)

| <u>Code</u> | <u>Name</u> |
|-------------|---|
| SI | Shipper's Identifying Number for Shipment (SID) |

| | | | | | | |
|-------|-----|---------------------------------|---|----|------|-----------|
| OTI03 | 127 | Reference Identification | M | AN | 1/50 | Mandatory |
|-------|-----|---------------------------------|---|----|------|-----------|

Please Note: This field will include the Shipment ID included in the 856 BSN02. If the Shipment ID is missing in the 856 BSN02, the OTI03 will include a value of 'UNKNOWN'.

| | | | | | | |
|-------|-----|---|---|----|------|-----------|
| OTI04 | 142 | Application Sender's Code as sent in the 856 | O | AN | 2/15 | Mandatory |
|-------|-----|---|---|----|------|-----------|

Please Note: This field will include the 856 sender's ID as sent in the 856 GS02.

| OTI05 | 124 | Application Receiver's Code as sent in the 856 Please Note: This field will include Lowe's ID of 006097142. | O | AN | 2/15 | Mandatory | | | | | | |
|-------------|----------------------|--|-------------|-------------|------|----------------------|----|---------|-----|-----------|-----|-------------|
| OTI06 | 373 | Date Please Note: Date expressed as CCYYMMDD. The OTI06 will include the date value sent in the 856 BSN03. | O | DT | 8/8 | Conditional | | | | | | |
| OTI07 | 337 | Time Please Note: The OTI07 will include the time value sent in the 856 BSN04. A maximum field length of 4-digits will be included in the OTI07 with an HHMM format. | O | TM | 4/8 | Conditional | | | | | | |
| OTI08 | 28 | Group Control Number Please Note: The OTI08 will include the data value sent in the 856 GS06. | X | NO | 1/9 | Mandatory | | | | | | |
| OTI09 | 329 | Transaction Set Control Number Please Note: The OTI09 will include the data value sent in the 856 ST02. | O | AN | 4/9 | Mandatory | | | | | | |
| OTI10 | 143 | Transaction Set Identifier Code CodeList Summary (Total Codes: 316, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>856</td> <td>Ship Notice/Manifest</td> </tr> </tbody> </table> | <u>Code</u> | <u>Name</u> | 856 | Ship Notice/Manifest | O | ID | 3/3 | Mandatory | | |
| <u>Code</u> | <u>Name</u> | | | | | | | | | | | |
| 856 | Ship Notice/Manifest | | | | | | | | | | | |
| OTI12 | 353 | Transaction Set Purpose Code Please Note: The OTI12 will include the data value sent in the 856 BSN01 (00=Original ASN, 05=Replacement ASN). CodeList Summary (Total Codes: 66, Included: 2) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>Original</td> </tr> <tr> <td>05</td> <td>Replace</td> </tr> </tbody> </table> | <u>Code</u> | <u>Name</u> | 00 | Original | 05 | Replace | O | ID | 2/2 | Conditional |
| <u>Code</u> | <u>Name</u> | | | | | | | | | | | |
| 00 | Original | | | | | | | | | | | |
| 05 | Replace | | | | | | | | | | | |

Please Note:

OTI11 is not used by Lowe's.

Example:

856 Original Transaction Accepted With Errors; Do Not Resend 856 -
 OTI*TE*SI*ShipIDfrom856*senderidfrom856*006097142*20041001*1700*9999*99999999*856**00

856 Replacement Transaction Accepted With Errors; Do Not Resend 856 -
 OTI*TE*SI*ShipIDfrom856*senderidfrom856*006097142*20041001*1700*9999*99999999*856**05

856 Original Transaction Rejected; Resend 856 -
 OTI*TR*SI*ShipIDfrom856*senderidfrom856*006097142*20041001*1700*9999*99999999*856**00

856 Replacement Transaction Rejected; Resend 856 -
 OTI*TR*SI*ShipIDfrom856*senderidfrom856*006097142*20041001*1700*9999*99999999*856**05

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: 3)

| <u>Code</u> | <u>Name</u> |
|-------------|-----------------------|
| PO | Purchase Order Number |
| ST | Store Number |
| ZB | Ultimate Consignee |

| | | | | | | |
|-------|-----|--------------------------|---|----|------|-----------|
| REF02 | 127 | Reference Identification | X | AN | 1/50 | Mandatory |
|-------|-----|--------------------------|---|----|------|-----------|

Please Note: If REF01=PO, then REF02 includes the purchase order number. The data value in the PO# field is extracted from the PRF segment in the 856. If the purchase order number is incorrect in the 824, the vendor should resend the 856 to ensure the 856 data is posted for the correct purchase order number.

If REF01=ST, then REF02 includes the Ship To Lowe's location number. The data value in the REF02 with an ST qualifier is extracted from the N1*ST segment in the 856. If the ship to location number is incorrect in the 824, the vendor should resend the 856 to ensure the 856 data is posted for the correct ship to location number.

If REF01=ZB, then REF02 includes the Lowe's Store location number that will receive the shipment once it is cross-docked through Lowe's Distribution Center location number as identified in the REF01=ST and REF02 values. Both an REF01=ST and REF01=ZB will be included in the 824 for cross-dock purchase orders. For the REF02 data value when REF01=ZB, it is extracted from the N1*MA segment in the 856. If the final destination store number is incorrect in the 824, the vendor should resend the 856 to ensure the 856 data is posted for the correct cross-dock location and final destination store location.

Example:

Purchase Order Number
REF*PO*999999999

Direct to Store Shipment
REF*ST*701

Cross-Dock Shipment
REF*ST*960 (Ship To Distribution Center Location #960)
REF*ZB*701 (Final Destination Store Location #701)

TED Technical Error Description

| | |
|-------------------|-------------|
| Pos: 0700 | Max: 1 |
| Detail - Optional | |
| Loop: TED | Elements: 5 |

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 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: 22) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr><td>J</td><td>Missing or Invalid Purpose Code</td></tr> <tr><td>P</td><td>Missing or Invalid Item Quantity</td></tr> <tr><td>Q</td><td>Missing or Invalid Item Identification</td></tr> <tr><td>S</td><td>Missing or Unauthorized Transportation Mode/Method Code</td></tr> <tr><td>T</td><td>Unauthorized Transaction Set Purpose Code</td></tr> <tr><td>MB</td><td>Missing or Invalid Purchase Order Number</td></tr> <tr><td>MF</td><td>Missing or Invalid Internal Vendor Number</td></tr> <tr><td>MG</td><td>Missing or Invalid U.P.C. Code</td></tr> <tr><td>006</td><td>Duplicate</td></tr> <tr><td>011</td><td>Not Matching</td></tr> <tr><td>024</td><td>Other Unlisted Reason (Application Error Condition)</td></tr> <tr><td>123</td><td>Invalid SSCC (formerly known as Serial Shipping Container Code) Structure</td></tr> <tr><td>133</td><td>Item Not Found On Purchase Order</td></tr> <tr><td>138</td><td>Purchase Order Closed</td></tr> <tr><td>140</td><td>Missing or Invalid Ship-To Location</td></tr> <tr><td>141</td><td>Purchase Order Cancelled</td></tr> <tr><td>803</td><td>Missing or Invalid Payment Method Code</td></tr> <tr><td>848</td><td>Incorrect Data</td></tr> <tr><td>DTE</td><td>Incorrect Date</td></tr> <tr><td>IID</td><td>Invalid Identification Code</td></tr> <tr><td>MID</td><td>Missing Identification Code</td></tr> <tr><td>QTY</td><td>Quantity</td></tr> </tbody> </table> | <u>Code</u> | <u>Name</u> | J | Missing or Invalid Purpose Code | P | Missing or Invalid Item Quantity | Q | Missing or Invalid Item Identification | S | Missing or Unauthorized Transportation Mode/Method Code | T | Unauthorized Transaction Set Purpose Code | MB | Missing or Invalid Purchase Order Number | MF | Missing or Invalid Internal Vendor Number | MG | Missing or Invalid U.P.C. Code | 006 | Duplicate | 011 | Not Matching | 024 | Other Unlisted Reason (Application Error Condition) | 123 | Invalid SSCC (formerly known as Serial Shipping Container Code) Structure | 133 | Item Not Found On Purchase Order | 138 | Purchase Order Closed | 140 | Missing or Invalid Ship-To Location | 141 | Purchase Order Cancelled | 803 | Missing or Invalid Payment Method Code | 848 | Incorrect Data | DTE | Incorrect Date | IID | Invalid Identification Code | MID | Missing Identification Code | QTY | Quantity | M | ID | 1/3 | Mandatory |
| <u>Code</u> | <u>Name</u> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| J | Missing or Invalid Purpose Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P | Missing or Invalid Item Quantity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Q | Missing or Invalid Item Identification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S | Missing or Unauthorized Transportation Mode/Method Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| T | Unauthorized Transaction Set Purpose Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MB | Missing or Invalid Purchase Order Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MF | Missing or Invalid Internal Vendor Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MG | Missing or Invalid U.P.C. Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 006 | Duplicate | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 011 | Not Matching | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 024 | Other Unlisted Reason (Application Error Condition) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 123 | Invalid SSCC (formerly known as Serial Shipping Container Code) Structure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 133 | Item Not Found On Purchase Order | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 138 | Purchase Order Closed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | Missing or Invalid Ship-To Location | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 141 | Purchase Order Cancelled | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 803 | Missing or Invalid Payment Method Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 848 | Incorrect Data | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DTE | Incorrect Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IID | Invalid Identification Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MID | Missing Identification Code | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| QTY | Quantity | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TED02 | 3 | Free-form Message Please Note: The TED02 will include the reason the 856 was rejected or accepted with errors. The OTI01 may be used to identify the error condition. | O | AN | 1/60 | Mandatory | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TED03 | 721 | Segment ID Code Please Note: The TED03 will include the name of the segment from the 856 that was in error. For example, if an error was detected in the BSN segment in the 856, the TED03=BSN. | O | ID | 2/3 | Conditional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TED05 | 722 | Element Position in Segment Please Note: The TED05 will include the number of the data element in the segment from the 856 that was in error. For example, if an error was detected in the BSN-01 data element in the 856, the TED05=1. Note, this field is zero-suppressed. | O | NO | 1/2 | Conditional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TED07 | 724 | Copy of Bad Data Element Please Note: The TED07 will include the data value | O | AN | 1/99 | Conditional | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

of the element sent in the 856 that was in error.
 For example, if a value of 09 was sent in the BSN-01 in the 856, the TED07=09. In this scenario, the 09 data value is not an accepted code in the BSN-01 in Lowe's 856 Specifications.

Please Note:

Note the TED04 and 06 are not used by Lowe's.

The TED and NTE segments 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 856 to reject, then the OTI01 will include a TR value.

If EDI Syntax errors are encountered, they will be sent via the 824 to the trading partner as well.

This is a list of the error messages/additional segments that will be sent in the TED01, TED02, and NTE02 segments in the 824. Keep in mind, 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. Please note these messages are subject to change.

REJECT ERROR MESSAGES

| | | |
|-----------|---|--|
| TED01=011 | TED02=ASN Prod-Test Flag Does Not Match Lowes Profile | NTE02= Document Processed as Test. |
| TED01=123 | TED02=Invalid GS1-128 | NTE02= HL01=Value |
| TED01=140 | TED02=Invalid Ship To | |
| TED01=848 | TED02=ASN Create Date-Time is Earlier Than Previous ASN | NTE02= BSN04=Value |
| TED01=848 | TED02=Beginning Segment (BSN)-Shipment Loop Error | NTE02= BSN05=Value |
| TED01=848 | TED02=EDI Syntax Error - Invalid Envelope. | NTE02= Please review the 997 and resend ASN. |
| TED01=848 | TED02=Hierarchical Loop Sequence Error | NTE02= HL02=Value |
| TED01=848 | TED02=Invalid ASN Create Time | |
| TED01=848 | TED02=Invalid ASN Structure Code | |
| TED01=848 | TED02=Item Loop Error | NTE02= BSN05=Value |
| TED01=848 | TED02=Multiple Orders in ASN. Resend All Orders. | NTE02= HL02=Value |
| TED01=848 | TED02=Order Loop Error | NTE02= BSN05=Value |
| TED01=848 | TED02=PO-Store Not Found | |
| TED01=848 | TED02=PO-Store not found, Invalid Cross-Dock | |
| TED01=848 | TED02=Tare-Pack (Pallet-Carton) Loop Error | NTE02= BSN05=Value |
| TED01=DTE | TED02=Invalid ASN Create Date | |
| TED01=DTE | TED02=Invalid Ship Date | NTE02= DTM01=Value |
| TED01=IID | TED02=Invalid Hierarchical ID Number | NTE02= HL02=Value |
| TED01=IID | TED02=Item Level-Invalid Hierarchical Parent ID | NTE02= HL01=Value |
| TED01=IID | TED02=Pack (Carton) Level-Invalid Hierarchical Parent ID | NTE02= HL01=Value |
| TED01=J | TED02=Invalid Original-Replacement Transaction Set Purpose Code | |
| TED01=MB | TED02=Invalid PO Number | |
| TED01=MG | TED02=UPC Code Not Found | NTE02= HL01=Value, UPC=Value |
| TED01=MID | TED02=Missing ASN Shipment ID | |
| TED01=P | TED02=Invalid Item Ship Unit Detail | NTE02= HL01=Value, SN103=Value |
| TED01=Q | TED02=Invalid Item Number, UPC Number | NTE02= HL01=Value |
| TED01=Q | TED02=Invalid Lowes Item Number | NTE02= HL01=Value, UPC=Value |

WARNING ERROR MESSAGES

| | | |
|-----------|--|---|
| TED01=006 | TED02=Multiple Ship To Segments Received - Last One Used. | |
| TED01=011 | TED02=Original ASN Not Found or No Match on Shipment ID. | NTE02= Replacement Processed. Do Not Send Original. |
| TED01=133 | TED02=Item-UPC Not on PO | NTE02= HL01=Value, SN102=Value |
| TED01=138 | TED02=PO Has Been Received. ASN Not Processed. | |
| TED01=141 | TED02=PO Has Been Cancelled. ASN Not Processed. | |
| TED01=803 | TED02=Invalid Freight Method of Payment Code | |
| TED01=848 | TED02=EDI Syntax Error Detected. | NTE02= Please review the 997 sent on ASN. Resend ASN if needed. |
| TED01=848 | TED02=Invalid Arrival Time | NTE02= DTM01=Value |
| TED01=848 | TED02=Invalid Arrival Time Zone | NTE02= DTM01=Value |
| TED01=848 | TED02=Invalid City-State-ZipCode Segment | |
| TED01=848 | TED02=Invalid Carrier Equipment Details | NTE02= TD303=Value |
| TED01=848 | TED02=Invalid Packaging Code | |
| TED01=848 | TED02=Invalid Packaging Quantity | NTE02= TD101=Value |
| TED01=848 | TED02=Invalid Ship Time | NTE02= DTM01=Value |
| TED01=848 | TED02=Invalid Ship Time Zone | NTE02= DTM01=Value |
| TED01=848 | TED02=Missing Ship From Name | |
| TED01=848 | TED02=Second Street Address Received, First Street Address Missing | |
| TED01=848 | TED02=Street Address Segment Received Without City-State Address Segment | |

TED01=DTE TED02=Invalid Arrival Date NTE02= DTM01=Value
TED01=IID TED02=Tare (Pallet) Level-Invalid Hierarchical Parent ID NTE02= HL01=Value
TED01=MF TED02=Invalid Vendor Number
TED01=MID TED02=Missing SCAC-Carrier ID NTE02= TD502=Value, TD504=Value
TED01=QTY TED02=Pack (Carton) Count Mismatch NTE02= Pack (Carton) HL Count=Value
TED01=QTY TED02=Tare (Pallet) Count Mismatch NTE02= Tare (Pallet) HL Count=Value
TED01=S TED02=Invalid Transportation Method
TED01=T TED02=Original Sent Out of Sequence.

Example:

This is an example of an invalid value of 09 sent in the BSN01 in the 856.
TED*848*BSN Segment-Shipment Loop Error*BSN**1**09

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 856 segments/elements that will be helpful for the trading partner in researching the problem with the 856.

The TED and NTE segments 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 856 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 | NO | 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