

LOWE'S EDI

997 Functional Acknowledgment

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Notes:	This 997 Implementation Guide is shared across all Trading Partners, including Procurement Suppliers and Carriers.

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997

Functional Acknowledgment

Functional Group=FA

Purpose: This X12 Transaction Set contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

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>
	ISA	Interchange Control Header	M	1			Mandatory
	GS	Functional Group Header	M	1			Mandatory
0100	ST	Transaction Set Header	M	1		N1/0100	Mandatory
0200	AK1	Functional Group Response Header	M	1		N1/0200	Mandatory
LOOP ID - AK2					>1	N1/0300L	
0300	AK2	Transaction Set Response Header	O	1		N1/0300	Conditional
LOOP ID - AK3					>1	C1/0400L	
0400	AK3	Data Segment Note	O	1		C1/0400	Conditional
0500	AK4	Data Element Note	O	99			Conditional
0600	AK5	Transaction Set Response Trailer	M	1			Mandatory
0700	AK9	Functional Group Response Trailer	M	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>
0800	SE	Transaction Set Trailer	M	1			Mandatory
	GE	Functional Group Trailer	M	1			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

Transaction User Note:

- Trading Partner sending 997s to Lowe's*
- This transaction is used by Lowe's Trading Partners to transmit acknowledgments to Lowe's to confirm receipt of all inbound EDI transactions from Lowe's.
 - The 997 should NOT be used by Lowe's Trading Partners to indicate system application related issues. Its purpose is to only CONFIRM RECEIPT of the EDI transactions from Lowe's.
 - The Trading Partner should return the EDI 997 Functional Acknowledgment within 24-hours from the time the EDI transaction has been transmitted by Lowe's.
 - One 997 transaction is required from the Trading Partner for each Group of documents received from Lowe's.
 - The Trading Partner has the option of sending a Summary 997 (AK1 and AK9) to acknowledge receipt of each Group within an interchange or a Detail 997 (AK1, AK2, AK5, AK9) to acknowledge receipt of each transaction within a Group. See the EDI 997 Functional Acknowledgment Business Examples for reviewing these types of 997s.
 - It is suggested for the Trading Partner to submit only 'Accepted' statuses in the 997 when the transactions are syntactically correct. The 'Accepted' status will notify Lowe's EDI Team that the Trading Partner has received Lowe's EDI transaction. When inbound transactions from Lowe's are identified by the Trading Partner as in error, partially accepted, or rejected, the Trading Partner should contact Lowe's business team to resolve any data discrepancies instead of using the 997 to relay system application data issues.
 - Also see section below on 'Lowe's Monitors 997s' for more information on eliminating manual processes when inbound transactions received from Lowe's includes data content discrepancies.
 - A 997 is not required for acknowledging a 997 Functional Acknowledgment received from Lowe's. This will prevent an endless cycle of acknowledgments for acknowledgments.

Lowe's sending 997s to Trading Partners

- This transaction is also used by Lowe's to transmit acknowledgments to our Trading Partners to CONFIRM RECEIPT of all inbound EDI transactions from our Trading Partners.
- Lowe's will return an EDI 997 Functional Acknowledgment to the Trading Partner within 15-minutes from receiving the EDI transaction from the Trading Partner.

- One 997 transaction will be transmitted to the Trading Partner for each Group of documents sent to Lowe's. This excludes sending a 997 for EDI 997 Functional Acknowledgments received by Lowe's.
- Lowe's will send a Summary 997 (AK1 and AK9) to acknowledge each Group of transactions received from the Trading Partner. A Detail 997 (AK1, AK2, AK5, and AK9) can be sent to the Trading Partner when the Trading Partner notifies Lowe's EDI Team to setup the 997 at the detail level to acknowledge receipt for each of their inbound EDI documents sent to Lowe's.
- The EDI 997 confirms the contents of the received documents were syntactically correct. It is not a confirmation of application level data, such as pricing, terms, discounts, etc.
- When Lowe's returns a 997 with a status other than 'Accepted', the 997 may indicate an error, partially accepted, or rejected. For example, if there are data discrepancies with the 810 Invoice data, the EDI 997 that Lowe's returns for the 810 may include an 'E' to indicate the 810 data was in error. The 'E' may be included in the AK901 within a summary level 997 or in the AK5 and AK9 within a detail level 997. The level is based on each Trading Partner's EDI profile within Lowe's system. Note for the 810 errors, the Trading Partner should use the 997 and the EDI 824 to identify the data errors and submit the entire 810 Invoice after it has been corrected.
- When the 997 contains a value other than 'Accepted' and the Trading Partner does not recognize the data issue in order to resend it to Lowe's, the Trading Partner should contact Lowe's business team to research the discrepancy.
- The AK3 and AK4 segments may also be included to provide additional information on the rejected transaction. Typically, when the 997 includes a reject status, the Trading Partner should receive additional emails from Lowe's EDI Team that provides specific details on the data error to assist the Trading Partner address the issue.

Trading Partners Monitoring 997s

- The Trading Partner should monitor the receipt of the EDI 997 to reconcile them with their EDI transactions sent to Lowe's.
- If the Trading Partner does not receive the EDI 997, this means Lowe's did not receive the Trading Partner's EDI transaction.
- When this occurs, the Trading Partner should track the transaction within their internal systems to identify the issue and transmit it to Lowe's.

Lowe's Monitors 997s

- Lowe's will notify the Trading Partner via email if the 997 is not received within 24-hours from the time the EDI transaction is transmitted to the Trading Partner. The Trading Partner should respond to the notification as instructed within the email on the unacknowledged transactions.
- For Lowe's Procurement Trading Partners, please review the business rules pertaining to Procurement transactions on LowesLink. This document also includes specific information on unacknowledged EDI transactions for our Procurement Trading Partners. http://www.loweslink.com/llmain/pubdocuments/spmSpend_Management_Trading_Partner_Requirements.pdf
- Lowe's EDI Team reviews 997s for compliance. The 997 is not passed to Lowe's business team.
- If a Trading Partner releases the 997 transaction with a 'Partial' or 'Rejected' status, this requires a manual follow-up with the Trading Partner by Lowe's EDI Team who will in turn refer the Trading Partner to the business team and will be required to manually post an acknowledgment within Lowe's EDI system. To eliminate manual intervention for Lowe's EDI Team, the EDI 997 should be used by the Trading Partner only to indicate when the received documents are syntactically correct. For all other errors, the Trading Partner should address the data issues with Lowe's business team.
- When the Trading Partner sends a 997 transaction with a status other than 'Accepted', and a second 997 is sent with an 'Accepted' status, this still requires manual processing for Lowe's EDI Team. Lowe's appreciates our Trading Partners building their 997 transactions to include only the 'Accepted' status to confirm receipt of the EDI transaction and handling all data content discrepancies with Lowe's Business Team.

One Document Type per Interchange

- When sending inbound documents to Lowe's, an interchange should include only one document type. For example, do not include 810s with 997s.
- Multiples of the same document type can be included in an interchange but the type of documents should not be mixed.
- Only 997s should be included in an interchange when sending the Functional Acknowledgment.

Information for Reviewing the 997 EDI specifications

- All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Lowe's usage.
- These 997 EDI specifications are generic for acknowledging all standard X12 versions of inbound documents. These specs may not include the correct Position at the Header level for the version you are mapping. For example, the ST segment begins in Pos 010 in version 4010 but in version 5040 it begins in Pos 0100. Please reference the Segment Ref and ID columns for each Segment/Element to ensure you are building the 997 correctly.

ISA Interchange Control Header

Pos:	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
Description: Code identifying the type of information in the Authorization Information						
CodeList Summary (Total Codes: 9, 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
Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
Element User Note: <i>This element will be filled with spaces.</i>						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Mandatory
Description: Code identifying the type of information in the Security Information						
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
Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
Element User Note: <i>This element will be filled with spaces.</i>						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
Element User Note: <i>All valid X12 codes are used.</i>						
<i>ISA05 includes the EDI Qualifier for the company sending the 997.</i>						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Mandatory
Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
Element User Note: <i>ISA06 includes the EDI ID for the company sending the 997.</i>						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Mandatory
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
Element User Note: <i>All valid X12 codes are used.</i>						
<i>ISA07 includes the EDI Qualifier for the company receiving the 997.</i>						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Mandatory
Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them						
Element User Note: <i>ISA08 includes the EDI ID for the company receiving the 997.</i>						
ISA09	I08	Interchange Date	M	DT	6/6	Mandatory
Description: Date of the interchange						
Element User Note: <i>ISA09 includes the date the 997 is transmitted.</i>						
ISA10	I09	Interchange Time	M	TM	4/4	Mandatory

Description: Time of the interchange
Element User Note: *ISA10 includes the time the 997 is transmitted.*

ISA11	165	Repetition Separator	M		1/1	Mandatory
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Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

Element User Note: *For versions within the 4000 series, the value in ISA11 should include a value of 'U'. For versions within the 5000 series, the value in the ISA11 should be the caret (^) which has an ASCII hex value of 5E.*

ISA12	111	Interchange Control Version Number	M	ID	5/5	Mandatory
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Description: Code specifying the version number of the interchange control segments
Element User Note: *For versions within the 4000 series, the value in ISA12 should include a value of '00400'. For versions within the 5000 series, the value in ISA12 should include a value of '00500'.*

All valid X12 codes are used. (Total Codes: 24)

ISA13	112	Interchange Control Number	M	NO	9/9	Mandatory
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Description: A control number assigned by the interchange sender
Element User Note: *The Interchange Control Number should be unique and not repeated across documents.*

ISA14	113	Acknowledgment Requested	M	ID	1/1	Mandatory
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Description: Code indicating sender's request for an interchange acknowledgment

CodeList Summary (Total Codes: 2, Included: 1)

<u>Code</u>	<u>Name</u>
0	No Interchange Acknowledgment Requested

ISA15	114	Interchange Usage Indicator	M	ID	1/1	Mandatory
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Description: Code indicating whether data enclosed by this interchange envelope is test, production or information

CodeList Summary (Total Codes: 3, Included: 2)

<u>Code</u>	<u>Name</u>
P	Production Data
T	Test Data

ISA16	115	Component Element Separator	M		1/1	Mandatory
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Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Element User Note: *The ISA16 will include the greater than character '>', which is a hex value of 6E.*

Segment User Note:

The Trading Partner should notify Lowe's EDI Team of their EDI ID and Qualifier for the ISA segment. Lowe's EDI Team will provide the correct EDI ID and Qualifier for Lowe's. These values should not vary from the EDI IDs used in the EDI transaction being acknowledged for Lowe's and for the Trading Partner.

Segment Data Example:

Example of ISA segment for version 4010
 ISA*00* *00* *01*SENDER ID *01*RECEIVER ID *130718*1700*U*00400*000000009*0*P*>|

Example of ISA segment for version 5040
 ISA*00* *00* *01*SENDER ID *01*RECEIVER ID *130718*1700*^*00500*000000009*0*P*>|

GS

Functional Group Header

Pos:	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

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 261, Included: 1)

<u>Code</u>	<u>Name</u>
FA	Functional or Implementation Acknowledgment Transaction Sets (997, 999)

GS02	142	Application Sender's Code	M	AN	2/15	Mandatory
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Description: Code identifying party sending transmission; codes agreed to by trading partners

Element User Note: GS02 includes the EDI ID for the company sending the 997.

GS03	124	Application Receiver's Code	M	AN	2/15	Mandatory
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Description: Code identifying party receiving transmission; codes agreed to by trading partners

Element User Note: GS02 includes the EDI ID for the company receiving the 997.

GS04	373	Date	M	DT	8/8	Mandatory
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Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Element User Note: GS04 includes the date the 997 is transmitted.

GS05	337	Time	M	TM	4/8	Mandatory
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or 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)

Element User Note: GS05 includes the time the 997 is transmitted.

GS06	28	Group Control Number	M	N0	1/9	Mandatory
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Description: Assigned number originated and maintained by the sender

Element User Note: The Group Control Number should be unique and not repeated across documents.

GS07	455	Responsible Agency Code	M	ID	1/2	Mandatory
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Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

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
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Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

Element User Note: All valid X12 codes are used.

Segment User Note:

The Trading Partners should notify Lowe's EDI Team of their EDI ID for the GS segment.

Lowe's EDI Team will provide the correct EDI ID and Qualifier for Lowe's.

These values should not vary from the EDI IDs used in the EDI transaction being acknowledged for Lowe's and for the Trading Partner.

Include only EDI 997s within an interchange when sending the Functional Acknowledgment.

Segment Data Example:

Example of GS segment for version 4010

*GS*FA*SENDERID*RECEIVERID*20130718*1646*00000009*X*004010*

Example of GS segment for version 5040

*GS*FA*SENDERID*RECEIVERID*20130718*1646*00000009*X*005040*

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

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 319, Included: 1)

<u>Code</u>	<u>Name</u>
997	Functional Acknowledgment

ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Segment User Note:

Include only EDI 997s within an interchange when sending the Functional Acknowledgment.

Segment Data Example:

ST*997*000000001\

AK1 Functional Group Response Header

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory

Purpose: To start acknowledgment of a functional group

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>
AK101	479	Functional Identifier Code	M	ID	2/2	Mandatory

Description: Code identifying a group of application related transaction sets

Element User Note: AK101 includes the functional ID found in the GS segment (GS01) in the functional group being acknowledged.

All valid X12 codes are used. (Total Codes: 261)

AK102	28	Group Control Number	M	N0	1/9	Mandatory
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Description: Assigned number originated and maintained by the sender

Element User Note: AK102 includes the functional group control number found in the GS segment in the functional group being acknowledged.

Segment Data Example:

Example of 997 for 850 PO and the GS control number in the 850 is 999.

AK1*PO*999\

AK2 Transaction Set Response Header

Pos: 0300	Max: 1
Heading - Optional	
Loop: AK2	Elements: 2

User Option (Usage): Conditional

Purpose: To start acknowledgment of a single 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>
AK201	143	Transaction Set Identifier Code	M	ID	3/3	Mandatory

Description: Code uniquely identifying a Transaction Set

Element User Note: AK201 includes the transaction set ID found in the ST segment (ST01) in the transaction set being acknowledged.

All valid X12 codes are used. (Total Codes: 319)

AK202	329	Transaction Set Control Number	M	AN	4/9	Mandatory
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Element User Note: AK202 includes the transaction set control number found in the ST segment in the transaction set being acknowledged.

Segment User Note:

AK2 is included in a detail level 997.

Lowe's does not include AK2 in the 997s transmitted to their Trading Partner unless requested by the Trading Partner.

Segment Data Example:

Example of 997 for 850 PO and the ST control number for the 850 is 000456128.

AK2*850*000456128\

AK3 Data Segment Note

Pos: 0400	Max: 1
Heading - Optional	
Loop: AK3	Elements: 4

User Option (Usage): Conditional

Purpose: To report errors in a data segment and identify the location of the data segment. See Segment User Note on the AK3 and AK4 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>
AK301	721	Segment ID Code	M	ID	2/3	Mandatory
Description: Code defining the segment ID of the data segment in error (See Appendix A - Number 77)						
AK302	719	Segment Position in Transaction Set	M	N0	1/10	Mandatory
Description: The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1						
AK303	447	Loop Identifier Code	O	AN	1/4	Conditional
Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE						
AK304	720	Segment Syntax Error Code	O	ID	1/3	Conditional
Description: Code indicating error found based on the syntax editing of a segment All valid X12 codes are used. (Total Codes: 8)						

Segment User Note:

The AK3 and AK4 segments may be used to include additional information on data discrepancies with EDI transactions received from Lowe's.

Segment Data Example:

AK3*PID*16\

AK4 Data Element Note

Pos: 0500	Max: 99
Heading - Optional	
Loop: AK3	Elements: 4

User Option (Usage): Conditional

Purpose: To report errors in a data element or composite data structure and identify the location of the data element. See Segment User Note on the AK3 and AK4 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>
AK401	C030	Position in Segment	M	Comp		Mandatory
Description: Code indicating the relative position of the simple data element or composite data structure in error within a segment, count beginning with 1 for the position immediately following the segment ID; additionally indicating the relative position of a repeating structure in error, count beginning with 1 for the position immediately following the preceding element separator; additionally indicating the relative position of a component of a composite data structure in error, count beginning with 1 for the position following the preceding element or repetition separator						
AK401-01	722	Element Position in Segment	M	N0	1/2	Mandatory
Description: This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID						
AK401-02	1528	Component Data Element Position in Composite	O	N0	1/2	Conditional
Description: To identify the component data element position within the composite that is in error						
AK401-03	1686	Repeating Data Element Position	O	N0	1/4	Conditional
Description: To identify the specific repetition of a data element that is in error						
AK402	725	Data Element Reference Number	O	N0	1/4	Conditional
Description: Reference number used to locate the data element in the Data Element Dictionary						
AK403	723	Data Element Syntax Error Code	M	ID	1/3	Mandatory
Description: Code indicating the error found after syntax edits of a data element All valid X12 codes are used. (Total Codes: 12)						
AK404	724	Copy of Bad Data Element	O	AN	1/99	Conditional
Description: This is a copy of the data element in error						

Segment User Note:

The AK3 and AK4 segments may be used to include additional information on data discrepancies with EDI transactions received from Lowe's.

Segment Data Example:

AK4*5*352*6*CORTINA BLANCO 5GA 178X18\

AK5 Transaction Set Response Trailer

Pos: 0600	Max: 1
Heading - Mandatory	
Loop: AK2	Elements: 2

User Option (Usage): Mandatory

Purpose: To acknowledge acceptance or rejection and report errors in 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>
AK501	717	Transaction Set Acknowledgment Code	M	ID	1/1	Mandatory
Description: Code indicating accept or reject condition based on the syntax editing of the transaction set All valid X12 codes are used. (Total Codes: 6)						
AK502	718	Transaction Set Syntax Error Code	O	ID	1/3	Conditional
Description: Code indicating error found based on the syntax editing of a transaction set All valid X12 codes are used. (Total Codes: 23)						

Segment User Note:

AK5 is included in a detail level 997.

Lowe's does not include AK5 in the 997s transmitted to their Trading Partner unless requested by the Trading Partner.

When an inbound 997 includes a value other than Accepted, Lowe's EDI Team will contact the Trading Partner as needed.

Segment Data Example:

Example of 997 for an 850 PO with an Accepted status per ST control number within the 850.

The Group control number in the 850 is 2997.

The first ST control number in the 850 is 000027429 and the second is 000027430.

```
AK1*PO*2997\
AK2*850*000027429\
AK5*A\
AK2*850*000027430\
AK5*A\
AK9*A*2*2*2\
```

Example of 997 for an 856 ASN with an Error status for ST control number 0036 within the Group containing 53 transactions.

```
AK1*SH*2005247\
AK2*856*0036\
AK5*E*5\
AK9*E*53*53*53\
\
```

AK9 Functional Group Response Trailer

Pos: 0700	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Mandatory

Purpose: To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group

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>
AK901	715	Functional Group Acknowledge Code	M	ID	1/1	Mandatory
Description: Code indicating accept or reject condition based on the syntax editing of the functional group All valid X12 codes are used. (Total Codes: 7)						
AK902	97	Number of Transaction Sets Included	M	N0	1/6	Mandatory
Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
AK903	123	Number of Received Transaction Sets	M	N0	1/6	Mandatory
Description: Number of Transaction Sets received						
AK904	2	Number of Accepted Transaction Sets	M	N0	1/6	Mandatory
Description: Number of accepted Transaction Sets in a Functional Group						

Segment Data Example:

Example of 997 for 850 PO with an Accepted status (AK901) for 2 purchase order transactions included within the Group (AK902), 2 purchase order transactions received and processed (AK903), and 2 purchase order transactions accepted (AK904).
AK9*A*2*2*2\

Example of 997 for 850 PO with an Error status (AK901) for 1 purchase order transaction included within the Group (AK902), 1 purchase order transaction received and processed (AK903), and 1 purchase order transaction in error (AK904).
AK9*E*1*1*1\

SE Transaction Set Trailer

Pos: 0800	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
Description: Total number of segments included in a transaction set including ST and SE segments						
SE02	329	Transaction Set Control Number	M	AN	4/9	Mandatory
Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						
Element User Note: <i>The control number must match the control number in the ST02.</i>						

Segment Data Example:

SE*5*00000001\

GE

Functional Group Trailer

Pos:	Max: 1
Summary - 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

Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

GE02	28	Group Control Number	M	N0	1/9	Mandatory
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Description: Assigned number originated and maintained by the sender

Element User Note: *The control number must match the control number in the GS06.*

Segment Data Example:

GE*1*00000009\

IEA

Interchange Control Trailer

Pos:	Max: 1
Summary - 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	116	Number of Included Functional Groups	M	N0	1/5	Mandatory
Description: A count of the number of functional groups included in an interchange						
IEA02	112	Interchange Control Number	M	N0	9/9	Mandatory
Description: A control number assigned by the interchange sender						
Element User Note: <i>The control number must match the control number in the ISA13.</i>						

Segment Data Example:

IEA*1*000000009\