



**EDI BUSINESS EXAMPLES**  
**997 FUNCTIONAL ACKNOWLEDGMENT**

**INBOUND/OUTBOUND EDI TRANSACTION FOR  
TRADING PARTNERS & LOWE'S**

# EDI 997 FUNCTIONAL ACKNOWLEDGMENT BUSINESS EXAMPLES

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All 997 Business Examples within this document represent version 4010; use the appropriate codes in ISA11, ISA12, and GS08 for the corresponding version of the Group being acknowledged. Most of these examples display acknowledgments for an 850 PO Group; use the appropriate codes within the AK1 through AK9 segments for identifying the document type and transactions within the Group being acknowledged. See Lowe's EDI 997 Implementation Guide for all possible values for each segment/element.

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## EDI 997 FUNCTIONAL ACKNOWLEDGMENT BUSINESS EXAMPLES

All 997 Business Examples within this document represent version 4010; use the appropriate codes in ISA11, ISA12, and GS08 for the corresponding version of the Group being acknowledged. Most of these examples display acknowledgments for an 850 PO Group; use the appropriate codes within the AK1 through AK9 segments for identifying the document type and transactions within the Group being acknowledged. See Lowe's EDI 997 Implementation Guide for all possible values for each segment/element.

### Summary 997 – Accepted Status

ISA*00* *00* *01*SENDERID *01*RECEIVERID *130730*1700*U*00400*000000001*O*T*>\	Interchange Control Header
GS*FA*sender's id*receiver's id*20130730*1700*123*X*004010\	FA Functional Group Control Header
ST*997*0001\	997 Transaction Set Header
AK1*PO*1001\	AK1 Segment – Functional Group Response Header AK101=PO Document Type being Acknowledged AK102=1001 Group Control Number being Acknowledged
AK9*A*2*2*2\	AK9 Segment - Functional Group Response Trailer AK901=A Accepted Acknowledgment Status for Group Received AK902=2 Number of Transactions (ST loops) Included within Group being Acknowledged AK903=2 Number of Received Transactions (ST loops) in Group being Acknowledged AK904=2 Number of Accepted Transactions (ST loops) in Group being Acknowledged
SE*4*0001\	997 Transaction Set Trailer
GE*1*123\	997 Functional Group Trailer
IEA*1*000000001\	Interchange Control Trailer

### Summary 997 – Error Status

ISA*00* *00* *01*SENDERID *01*RECEIVERID *130730*1700*U*00400*000000001*O*T*>\	Interchange Control Header
GS*FA*sender's id*receiver's id*20130730*1700*1*X*004010\	FA Functional Group Control Header
ST*997*0001\	997 Transaction Set Header
AK1*PO*1001\	AK1 Segment – Functional Group Response Header AK101=PO Document Type being Acknowledged AK102=1001 Group Control Number being Acknowledged
AK9*E*2*2*2\	AK9 Segment - Functional Group Response Trailer AK901=E Error Acknowledgment Status for Group Received AK902=2 Number of Transactions (ST loops) Included within Group being Acknowledged AK903=2 Number of Received Transactions (ST loops) in Group being Acknowledged AK904=2 Number of Accepted Transactions (ST loops) in Group being Acknowledged
SE*4*0001\	997 Transaction Set Trailer
GE*1*1\	997 Functional Group Trailer
IEA*1*000000001\	Interchange Control Trailer

## EDI 997 FUNCTIONAL ACKNOWLEDGMENT BUSINESS EXAMPLES

### Summary 997 – Partial Acceptance Status

ISA*00* *00* *01*SENDERID *01*RECEIVERID *130730*1700*U*00400*000000001*0*T*>\	Interchange Control Header
GS*FA*sender's id*receiver's id*20130730*1700*1*X*004010\	FA Functional Group Control Header
ST*997*0001\	997 Transaction Set Header
AK1*PO*1001\	AK1 Segment – Functional Group Response Header AK101=PO Document Type being Acknowledged AK102=1001 Group Control Number being Acknowledged
AK9*P*2*2*1\	AK9 Segment - Functional Group Response Trailer AK901=P Partial Acknowledgment Status for Group Received AK902=2 Number of Transactions (ST loops) Included within Group being Acknowledged AK903=2 Number of Received Transactions (ST loops) in Group being Acknowledged AK904=1 Number of Accepted Transactions (ST loops) in Group being Acknowledged
SE*4*0001\	997 Transaction Set Trailer
GE*1*1\	997 Functional Group Trailer
IEA*1*000000001\	Interchange Control Trailer

### Summary 997 – Rejected Status

ISA*00* *00* *01*SENDERID *01*RECEIVERID *130730*1700*U*00400*000000001*0*T*>\	Interchange Control Header
GS*FA*sender's id*receiver's id*20130730*1700*1*X*004010\	FA Functional Group Control Header
ST*997*0001\	997 Transaction Set Header
AK1*PO*1001\	AK1 Segment – Functional Group Response Header AK101=PO Document Type being Acknowledged AK102=1001 Group Control Number being Acknowledged
AK9*R*2*2*0\	AK9 Segment - Functional Group Response Trailer AK901=R Rejected Acknowledgment Status for Group Received AK902=2 Number of Transactions (ST loops) Included within Group being Acknowledged AK903=2 Number of Received Transactions (ST loops) in Group being Acknowledged AK904=0 Number of Accepted Transactions (ST loops) in Group being Acknowledged
SE*4*0001\	Transaction Set Trailer
GE*1*1\	Functional Group Trailer
IEA*1*000000001\	Interchange Control Trailer

## EDI 997 FUNCTIONAL ACKNOWLEDGMENT BUSINESS EXAMPLES

### Detail 997 – Accepted Status

ISA*00* *00* *01*SENDERID *01*RECEIVERID *130730*1700*U*00400*000000001*0*T*>\	Interchange Control Header
GS*FA*sender's id*receiver's id*20130730*1700*123*X*004010\ ST*997*0001\ AK1*PO*12345\ AK2*850*123450001\ AK5*A\ AK2*850*123450002\ AK5*A\ AK9*A*2*2*2\ SE*8*0001\ GE*1*123\ IEA*1*000000001\ 	FA Functional Group Control Header 997 Transaction Set Header AK1 Segment – Functional Group Response Header AK101=PO Document Type being Acknowledged AK102=12345 Group Control Number being Acknowledged AK2 Segment – Transaction Set Response Header AK201=850 Transaction Set ID being Acknowledged AK202=123450001 Transaction Set Control Number being Acknowledged AK5 Segment – Transaction Set Response Trailer AK501=A Accepted Acknowledgment Status for Transaction Set AK2 Segment – Transaction Set Response Header AK201=850 Transaction Set ID being Acknowledged AK202=123450002 Transaction Set Control Number being Acknowledged AK5 Segment – Transaction Set Response Trailer AK501=A Accepted Acknowledgment Status for Transaction Set AK9 Segment - Functional Group Response Trailer AK901=A Accepted Acknowledgment Status for Group Received AK902=2 Number of Transactions (ST loops) Included within Group being Acknowledged AK903=2 Number of Received Transactions (ST loops) in Group being Acknowledged AK904=2 Number of Accepted Transactions (ST loops) in Group being Acknowledged 997 Transaction Set Trailer 997 Functional Group Trailer Interchange Control Trailer

## EDI 997 FUNCTIONAL ACKNOWLEDGMENT BUSINESS EXAMPLES

### Detail 997 – Error Status with Syntax Error Code

ISA*00* *00* *01*SENDERID *01*RECEIVERID *130730*1700*U*00400*000000001*O*T*>\	Interchange Control Header
GS*FA*sender's id*receiver's id*20130730*1700*1*X*004010\ ST*997*0001\ AK1*PO*1001\ AK2*850*000000036\ AK5*E*5\ AK9*E*53*53*53\ SE*6*0001\ GE*1*1\ IEA*1*000000001\ 	FA Functional Group Control Header 997 Transaction Set Header AK1 Segment – Functional Group Response Header AK101=PO Document Type being Acknowledged AK102=1001 Group Control Number being Acknowledged AK2 Segment – Transaction Set Response Header AK201=850 Transaction Set ID being Acknowledged AK202=000000036 Transaction Set Control Number being Acknowledged AK5 Segment – Transaction Set Response Trailer AK501=E Error Acknowledgment Status for Transaction Set AK502=5 Transaction Set Syntax Error Code AK9 Segment - Functional Group Response Trailer AK901=E Error Acknowledgment Status for Group Received AK902=53 Number of Transactions (ST loops) Included within Group being Acknowledged AK903=53 Number of Received Transactions (ST loops) in Group being Acknowledged AK904=53 Number of Accepted Transactions (ST loops) in Group being Acknowledged 997 Transaction Set Trailer 997 Functional Group Trailer Interchange Control Trailer

## EDI 997 FUNCTIONAL ACKNOWLEDGMENT BUSINESS EXAMPLES

### Detail 997 – Rejected Status with Syntax Error Code

ISA*00* *130730*1700*U*00400*000000001*0*T*>\	Interchange Control Header
GS*FA*sender's id*receiver's id*20130730*1700*1*X*004010\ ST*997*0001\ AK1*PO*12345\ AK2*850*123450001\ AK5*R*1\ AK2*850*123450002\ AK5*R*1\ AK9*R*2*2*0\ SE*8*0001\ GE*1*1\ IEA*1*000000001\ 	FA Functional Group Control Header 997 Transaction Set Header AK1 Segment – Functional Group Response Header AK101=PO Document Type being Acknowledged AK102=12345 Group Control Number being Acknowledged AK2 Segment – Transaction Set Response Header AK201=850 Transaction Set ID being Acknowledged AK202=123450001 Transaction Set Control Number being Acknowledged AK5 Segment – Transaction Set Response Trailer AK501=R Rejected Acknowledgment Status for Transaction Set AK502=1 Transaction Set Syntax Error Code AK2 Segment – Transaction Set Response Header AK201=850 Transaction Set ID being Acknowledged AK202=123450002 Transaction Set Control Number being Acknowledged AK5 Segment – Transaction Set Response Trailer AK501=R Rejected Acknowledgment Status for Transaction Set AK502=1 Transaction Set Syntax Error Code AK9 Segment - Functional Group Response Trailer AK901=R Rejected Acknowledgment Status for Group Received AK902=2 Number of Transactions (ST loops) Included within Group being Acknowledged AK903=2 Number of Received Transactions (ST loops) in Group being Acknowledged AK904=0 Number of Accepted Transactions (ST loops) in Group being Acknowledged 997 Transaction Set Trailer Functional Group Trailer Interchange Control Trailer

## EDI 997 FUNCTIONAL ACKNOWLEDGMENT BUSINESS EXAMPLES

### Detail 997 – Error Status with Data Segment (AK3) and Data Element (AK4) Notes *(997 Example from Lowe's for 870 from Supplier)*

ISA*00* *130730*1700*U*00400*000000001*O*T*>\	Interchange Control Header
GS*FA*sender's id*receiver's id*20130730*1700*156*X*004010\ ST*997*000000156\ AK1*RS*88\ AK2*870*100001\ AK3*PO1*11*PO1\ AK4*3*355*2*0050946930114\ AK5*E*5\ AK9*E*1*1*1\ SE*8*000000156\ GE*1*156\ IEA*1*000000001\ 	FA Functional Group Control Header 997 Transaction Set Header AK1 Segment – Functional Group Response Header AK101=RS Document Type being Acknowledged AK102=88 Group Control Number being Acknowledged AK2 Segment – Transaction Set Response Header AK201=870 Transaction Set ID being Acknowledged AK202=100001 Transaction Set Control Number being Acknowledged AK3 Segment – Data Segment Note AK301=PO1 Segment ID Code AK302=11 Segment Position in Transaction Set AK303=PO1 Loop Identifier Code AK4 Segment – Data Element Note AK401=3 Element Position in Segment AK402=355 Data Element Reference Number AK403=2 Data Element Syntax Error Code AK404=0050946930114 Copy of Bad Data Element AK5 Segment – Transaction Set Response Trailer AK501=E Error Acknowledgment Status for Transaction Set AK502=5 Transaction Set Syntax Error Code AK9 Segment - Functional Group Response Trailer AK901=E Error Acknowledgment Status for Group Received AK902=1 Number of Transactions (ST loops) Included within Group being Acknowledged AK903=1 Number of Received Transactions (ST loops) in Group being Acknowledged AK904=1 Number of Accepted Transactions (ST loops) in Group being Acknowledged 997 Transaction Set Trailer 997 Functional Group Trailer Interchange Control Trailer