



EDI BUSINESS EXAMPLES

**856 ADVANCE SHIP NOTICE FOR PROCUREMENT
(INBOUND EDI TRANSACTION FROM PROCUREMENT SUPPLIERS TO LOWE'S)**

EDI 856 ASN BUSINESS EXAMPLES FOR PROCUREMENT

ASN Example for USA Shipment *(See Lowe's EDI 856 Implementation Guide for all possible values for each segment/element)*

HEADING	
ISA*00* *00* *01*senderid *08*6135830004 *120709* 0900*^*00500*123456789*0*P*>\	ISA segment - <i>Interchange Control Header</i> ISA-01=00 <i>Qualifier for Authorization Information</i> ISA-02=spaces <i>Authorization Information</i> ISA-03=00 <i>Qualifier for Security Information</i> ISA-04=spaces <i>Security Information</i> ISA-05=01 <i>Vendor's Interchange EDI Qualifier for EDI ID for USA</i> ISA-06=senderid <i>Vendor's Interchange EDI ID for USA</i> ISA-07=08 <i>Lowe's Interchange EDI Qualifier for USA</i> ISA-08=6135830004 <i>Lowe's Interchange EDI ID for USA</i> ISA-09=120709 <i>Interchange Date</i> ISA-10=0900 <i>Interchange Time</i> ISA-11=^ <i>Repetition Separator</i> ISA-12=00500 <i>Interchange Control Version Number</i> ISA-13=123456789 <i>Interchange Control # (ISA/IEA Control #)</i> ISA-14=0 <i>Code for No Interchange Acknowledgment Requested</i> ISA-15=P <i>Interchange Production or Test Indicator</i> ISA-16=> <i>Component Element Separator</i>
GS*SH*SENDERID*6135830004*20120709*1646*123456789*X*005040\	GS segment - <i>Functional Group Control Header</i> GS-01=SH <i>Functional Identifier Code</i> GS-02=SENDERID <i>Vendor's Group EDI ID for USA</i> GS-03=6135830004 <i>Lowe's Group EDI ID for USA</i> GS-04=20120709 <i>Functional Group Date</i> GS-05=1646 <i>Functional Group Time</i> GS-06=123456789 <i>Functional Group Control # (GS/GE Control #)</i> GS-07=X <i>Responsible Agency code</i> GS-08=005040 <i>EDI Document Version</i>
ST*856*123456789\	ST segment - <i>Transaction Set Header</i> ST-01=856 <i>Transaction Set ID</i> ST-02=123456789 <i>Transaction Set Control # (ST/SE Control #)</i>
BSN*00*ABC999*20120709*1646*0004\	BSN segment - <i>Beginning Segment for 856</i> BSN-01=00 <i>Transaction Set Purpose Code</i> BSN-02=ABC999 <i>Vendor assigned Shipment ID</i> Packing Slip – Include the Vendor assigned Shipment ID on the Packing Slip BSN-03=20120709 <i>ASN Transaction Date</i> BSN-04=1646 <i>ASN Transaction Time</i> BSN-05=0004 <i>ASN HL Structure Code</i>

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HL Hierarchical Level – SHIPMENT DETAIL	
HL*1**S\	HL segment - <i>Shipment Level (maximum of 1 Shipment Level per ASN)</i> HL-01=1 <i>First HL ID in ASN</i> HL-02=not populated <i>for Parent ID in Shipment HL</i> HL-03=S <i>Shipment HL Code</i>
TD5**91*UPS 2DAY*J\	TD5 segment – <i>Shipment Level</i> TD5-01=not used by Lowe's TD5-02=91 <i>Carrier Name Qualifier</i> TD5-03=UPS 2DAY <i>Carrier Name as sent in 850/860</i> TD5-04=J <i>Transportation Method</i>
N1*FA*MAIN\	N1 segment – <i>Shipment Level</i> N1-01=FA <i>Vendor Location Qualifier</i> N1-02=MAIN <i>Vendor Location as sent in 850/860</i>
HL Hierarchical Level – ORDER DETAIL	
HL*2*1*O\	HL segment - <i>Order Level (maximum of 1 Order Level per ASN)</i> HL-01=2 <i>Second HL ID in ASN</i> HL-02=1 <i>Parent ID for Shipment (links Order level to Shipment level)</i> HL-03=O <i>Order HL Code</i>
PRF*0123456789****VENDORPORF\	PRF segment - <i>Order Level</i> PRF-01=0123456789 <i>Purchase Order Number as sent in 850/860</i> Packing Slip – Include the Purchase Order Number on the Packing Slip PRF-02 thru 04=not used by Lowe's PRF-05= VENDORPORF <i>Vendor's Internal Order Reference #</i>
REF*IA*999999999\	REF segment - <i>Vendor Number - Order Level</i> REF-01=IA <i>Qualifier for Vendor Number</i> REF-02=999999999 <i>Vendor Number assigned by Lowe's as sent in 850/860</i>
REF*WH*EXP01\	REF segment – <i>Vendor Set ID - Order Level</i> REF-01=WH <i>Qualifier for Vendor Set ID</i> REF-02=EXP01 <i>Vendor Set ID for USA as sent in 850/860</i>
REF*BAI*FIN01\	REF segment – <i>Business Unit - Order Level</i> REF-01=BAI <i>Qualifier for Business Unit</i> REF-02= FIN01 <i>Business Unit for USA as sent in 850/860</i>
DTM*011*20120823\	DTM segment – <i>Order Level</i> DTM-01=011 <i>Ship Date Qualifier</i> DTM-02= <i>Ship Date</i>
N1*ST*LOWES LOCATION NAME*94*99999\	N1 segment - <i>Order Level</i> N1-01=ST <i>Ship To Name Qualifier</i> N1-02=LOWES LOCATION NAME <i>Ship To Name as sent in 850/860</i> N1-03=94 <i>Ship To Number Qualifier</i> N1-04=99999 <i>Lowe's Ship To Number as sent in 850/860</i>
HL Hierarchical Level – ITEM DETAIL	
HL*3*2*I\	HL segment - <i>Item Level (ASN can have multiple Item Levels)</i> HL-01=3 <i>Item HL ID in ASN (increments by 1 for each Item HL)</i> HL-02=2 <i>Parent ID for Order (links Item level to Order level)</i> HL-03=I <i>Item HL Code</i>
LIN*1*KL*1*CB*CM_999_999999999\	LIN segment - <i>Item Level</i>



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	<p>LIN-01=1 <i>Lowe's assigned line number for an item as sent in 850/860</i> LIN-02=KL <i>Qualifier for Schedule Sequence Number as assigned by the vendor</i> LIN-03=1 <i>Schedule Sequence Number as assigned by the vendor</i> LIN-04=CB <i>Qualifier for Lowe's assigned item identifier</i> LIN-05=CM_999_99999999999 <i>Lowe's assigned item identifier as sent in 850/860</i></p>
SN1*1*99*EA\	<p>SN1 segment - <i>Item Level</i> SN1-01=1 <i>Lowe's schedule number as sent in 850/860</i> SN1-02=99 <i>Quantity Shipped</i> SN1-03=EA <i>Unit of Measure as sent in 850/860</i></p>
PID*F****PRODUCT DESCRIPTION FIELD\	<p>PID segment - <i>Item Level</i> PID-01=F <i>Qualifier for Item Description</i> PID-02 thru 04=not used by Lowe's PID-05=PRODUCT DESCRIPTION FIELD <i>Item Description as sent in 850/860</i></p>
REF*BC*AGREEMENT ID\	<p>REF segment - <i>Buying Agreement ID -Item Level</i> REF-01=BC <i>Qualifier for Buying Agreement ID</i> REF-02=AGREEMENT ID <i>Buying Agreement ID as sent in 850/860</i></p>
REF*BM*999A\	<p>REF segment - <i>Bill of Lading - Item Level</i> REF-01=BM <i>Qualifier for Bill of Lading</i> REF-02=999A <i>Bill of Lading Number</i> Packing Slip - Include the Bill of Lading Number on the Packing Slip</p>
MAN*CP*ABC123\	<p>MAN segment - <i>Tracking # - Item Level</i> REF-01=CP <i>Qualifier for Ship Unit Tracking Number for the Item</i> REF-02=ABC123 <i>Ship Unit Tracking Number for the Item</i> Packing Slip - Include the Ship Unit Tracking Number for the Item on the Packing Slip</p>
CUR*SE*USD \	<p>CUR segment - <i>Currency Code - Item Level</i> CUR-01=SE <i>Qualifier for Currency Code</i> CUR-02=USD <i>Currency Code for USA as sent in 850/860</i></p>
LOOP ID - CTT	Transaction Totals Loop
CTT*3\	<p>CTT segment - <i>Transaction Totals</i> CTT-01=3 <i>Number of HL segments in ASN</i></p>
TRAILER	
SE*22*123456789\	<p>SE segment - <i>Transaction Set Trailer</i> SE-01=22 <i>Number of Segments between ST and SE, including ST and SE Segments</i> SE-02=123456789 <i>Transaction Set Control # (ST/SE Control #)</i></p>
GE*1*123456789\	<p>GE segment - <i>Functional Group Trailer</i> GE-01=1 <i>Number of Transactions (ST loops)</i> GE-02=123456789 <i>Functional Group Control # (GS/GE Control #)</i></p>
IEA*1*123456789\	<p>IEA segment - <i>Interchange Control Trailer</i> IEA-01=1 <i>Number of Functional Groups (GS loops)</i> IEA-02=123456789 <i>Interchange Control # (ISA/IEA Control #)</i></p>