

LOWE'S EDI

810 INVOICE

VERSION: 4010 FINAL

Publication Date: September 25, 1998

810 Invoice

Functional Group=IN

Please note:

All usages under the label "Req" denote X12 usages. All usages under the label "Usage" denote Lowe's usages.

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>
001	ISA	Interchange Control Header	M	1			Must use
002	GS	Functional Group Header	M	1			Must use
010	ST	Transaction Set Header	M	1			Must use
020	BIG	Beginning Segment for Invoice	M	1			Must use
030	NTE	Note/Special Instruction	O	100			Used
LOOP ID - N1					200		
070	N1	Name	O	1			Must use
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Must use
140	DTM	Date/Time Reference	O	10			Must use
150	FOB	F.O.B. Related Instructions	O	1			Must use

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 - IT1					200000		
010	IT1	Baseline Item Data (Invoice)	O	1			Must use
LOOP ID - PID					1000		
060	PID	Product/Item Description	O	1			Must use

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>
010	TDS	Total Monetary Value Summary	M	1			Must use
030	CAD	Carrier Detail	O	1			Must use
LOOP ID - SAC					25		
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
LOOP ID - ISS					>1		
060	ISS	Invoice Shipment Summary	O	1			Must use
070	CTT	Transaction Totals	O	1		N3/070	Must use
080	SE	Transaction Set Trailer	M	1			Must use

Heading:

081	GE	Functional Group Trailer	M	1			Must use
082	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos: 001	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 16

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Please note:

All usages under the label "Req" denotes X12 usages. All usages under the label "Usage" denote Lowe's usages.

Example:

ISA*00* *00*
01*SENDERID*01*006097142*980702*1709*U*00401*000000133*0*P*>\

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	<u>Authorization Information Qualifier</u> <u>Code NAME</u>	M	ID	2/2	Must use
	00	No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	<u>Authorization Information</u> Please note: This element should be filled with spaces.	M	AN	10/10	Must use
ISA03	I03	<u>Security Information Qualifier</u> <u>Code NAME</u>	M	ID	2/2	Must use
	00	No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	<u>Security Information</u> Please note: This element should be filled with spaces.	M	AN	10/10	Must use
ISA05	I05	<u>Interchange ID Qualifier</u> Please note: All valid X12 codes are used.	M	ID	2/2	Must use
ISA06	I06	<u>Interchange Sender ID</u>	M	AN	15/15	Must use
ISA07	I05	<u>Interchange ID Qualifier</u> Please note: Lowe's uses a 01 qualifier. <u>Code NAME</u>	M	ID	2/2	Must use
	01	Duns (Dun & Bradstreet)				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		-				
ISA08	I07	Interchange Receiver ID Please note: The receiver ID Lowe's uses for test and production data is 006097142.	M	AN	15/15	Must use
ISA09	I08	Interchange Date	M	DT	6/6	Must use
ISA10	I09	Interchange Time	M	TM	4/4	Must use
ISA11	I10	Interchange Control Standards Identifier Please note: All valid X12 codes are used.	M	ID	1/1	Must use
ISA12	I11	Interchange Control Version Number <u>Code NAME</u> 00400 Standard Issued as ANSI X12.5-1997	M	ID	5/5	Must use
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use
ISA14	I13	Acknowledgment Requested <u>Code NAME</u> 0 No Acknowledgment Requested	M	ID	1/1	Must use
ISA15	I14	Usage Indicator <u>Code NAME</u> P Production Data T Test Data	M	ID	1/1	Must use
ISA16	I15	Component Element Separator Please note: Use (>) as the sub-element separator. Use (*) as the element separator. Use (\) as the segment terminator.	M		1/1	Must use

GS Functional Group Header

Pos: 002	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 8

To indicate the beginning of a functional group and to provide control information

Example:

GS*IN*SENDERID*006097014*19980702*1709*304*X*004010

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 <u>Code NAME</u> IN Invoice Information (810,819)	M	ID	2/2	Must use
GS02	142	Application Sender's Code	M	AN	2/15	Must use
GS03	124	Application Receiver's Code Please note: The receiver ID Lowe's uses for test and production data is 006097142.	M	AN	2/15	Must use
GS04	373	Date	M	DT	8/8	Must use
GS05	337	Time	M	TM	4/8	Must use
GS06	28	Group Control Number	M	N0	1/9	Must use
GS07	455	Responsible Agency Code <u>Code NAME</u> X Accredited Standards Committee X12	M	ID	1/2	Must use
GS08	480	Version / Release / Industry Identifier Code <u>Code NAME</u> 004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	AN	1/12	Must use

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 2

To indicate the start of a transaction set and to assign a control number

Example:

ST*810*2275\

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 Code <u>NAME</u>	M	ID	3/3	Must use
		810 Invoice				
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use

BIG Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 5

To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Example:

BIG*19980701*257348*19980630*43189*DR**

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>
BIG01	373	Invoice Date	M	DT	8/8	Must use
BIG02	76	Invoice Number	M	AN	1/22	Must use
		Please note: Sending company's invoice number				
BIG03	373	Purchase Order Date	O	DT	8/8	Must use
BIG04	324	Purchase Order Number	O	AN	1/22	Must use
		Please note: Lowe's 5 digit purchase order number ***PLEASE NOTE THAT LOWE'S PO# WILL HAVE A MAXIMUM OF 9 DIGITS AFTER APRIL 1999.***				
BIG07	640	Transaction Type Code	O	ID	2/2	Used
		Please note: Use CR if issuing a credit (negative amount) to Lowe's. Use ME if merchandise is not for resale by Lowe's or is for display or sample merchandise. DR indicates a regular invoice and is not required.				
		<u>Code</u> <u>NAME</u>				
		CR Credit Memo				
		DR Debit Memo				
		ME Memorandum				

NTE Note/Special Instruction

Pos: 030	Max: 100
Heading - Optional	
Loop: N/A	Elms: 2

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

Example:

NTE*GEN*1ZE445120311631005

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>
NTE01	363	Note Reference Code <u>Code NAME</u> GEN Entire Transaction Set	O	ID	3/3	Used
NTE02	352	Description Please note: When you ship an order via UPS your 1Z Bar Code should be placed in NTE02.	M	AN	1/80	Used

N1 Name

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elms: 4

To identify a party by type of organization, name, and code

Example:

N1*ST**92*0523\

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 <u>Code NAME</u>	M	ID	2/3	Must use
		MA - Party for whom Item is Ultimately Intended ST Ship To				
N102	93	Name	C	AN	1/60	Not used by Lowe's
N103	66	Identification Code Qualifier <u>Code NAME</u>	C	ID	1/2	Must use
		- 92 Assigned by Buyer or Buyer's Agent 94 Code assigned by the organization that is the ultimate destination of the transaction set				
N104	67	Identification Code Please note: Lowe's 4-digit store number. (Store # 1 = '0001') ***PLEASE NOTE THAT LOWE'S STORE NUMBER WILL HAVE A MAXIMUM OF 5 DIGITS AFTER APRIL 1999888	C	AN	2/80	Must use

ITD

Terms of Sale/Deferred Terms of Sale

Pos: 130 Max: >1
 Heading - Optional
 Loop: N/A Elms: 9

Example:

ITD*08*3*2**15**30*144****2% 15 NET 30\

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>
ITD01	336	<u>Terms Type Code</u> <u>Code NAME</u> 05 Discount Not Applicable 08 Basic Discount Offered 09 Proximo	O	ID	2/2	Must use
ITD02	333	<u>Terms Basis Date Code</u> Please note: All payment terms are based upon the invoice date in BIG01 <u>Code NAME</u> 3 Invoice Date	O	ID	1/2	Must use
ITD03	338	<u>Terms Discount Percent</u> Please note: If discount is 2% this field should contain '2'	O	R	1/6	Used
ITD04	370	<u>Terms Discount Due Date</u> Please note: If Lowe's receives a terms discount, the Terms Discount Due Date (ITD04) OR Terms Discount Days (ITD05) must be used. Do not use both.	C	DT	8/8	Used
ITD05	351	<u>Terms Discount Days Due</u> Please note: If Lowe's receives a terms discount, use the number of days from invoice date to discount due date. Terms Discount Due Date (ITD04) can be used instead. Do not use both.	C	N0	1/3	Used
ITD06	446	<u>Terms Net Due Date</u> Please note: Use Terms Net Due Date (ITD06) OR Terms Net Days Due (ITD07). Do not use both. One of these elements MUST be present on ALL invoices.	O	DT	8/8	Used
ITD07	386	<u>Terms Net Days</u>	O	N0	1/3	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		-				
		Please note: Use number of days from invoice date (BIG01) to due date. Terms Net Due Date (ITD06) can be used instead. Do not use both.				
ITD08	362	Terms Discount Amount	O	N2	1/10	Used
		Please note: Total amount of terms discount. If you offer Lowe's a terms discount, the amount of the discount must be present.				
ITD12	352	Description	O	AN	1/80	Must use

DTM Date/Time Reference

Pos: 140	Max: 10
Heading - Optional	
Loop: N/A	Elms: 2

There must be two DTM segments. One with the date you received the Lowe's PO (008) and one with the date shipped to Lowe's (011).

Example:

DTM*011*19980701\

DTM*008*19980630\

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>
DTM01	374	<u>Date/Time Qualifier</u> <u>Code</u> <u>NAME</u>	M	ID	3/3	Must use
		008 Purchase Order Received				
		011 Shipped				
DTM02	373	Date	C	DT	8/8	Must use

FOB F.O.B. Related Instructions

Pos: 150	Max: 1
Heading - Optional	
Loop: N/A	Elms: 1

To specify transportation instructions relating to shipment

Example:

FOB*PC\

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>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use

Please note:

Code should match the code received on Lowe's PO. If 'PC' is used, there must be a SAC segment containing the freight charges. Freight charges CANNOT be transmitted to Lowe's as a line item. If 'CF' is used, there must be a SAC segment containing the freight allowance.

Code NAME

- CC Collect
- CF Collect, Freight Credited Back to Customer
- PC Prepaid but Charged to Customer
- PP Prepaid (by Seller)

IT1 Baseline Item Data (Invoice)

Pos: 010	Max: 1
Detail - Optional	
Loop: IT1	Elms: 6

To specify the basic and most frequently used line item data for the invoice and related transactions. This segment will repeat for each different sku on invoice.

Example:

IT1*1*20*EA*3.25**CB*40791\

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT101	350	Assigned Identification	O	AN	1/20	Must use
IT102	358	Quantity Invoiced	C	R	1/10	Must use
IT103	355	Unit or Basis for Measurement Code	C	ID	2/2	Must use
		Please note: Unit of measure should match the unit of measure indicated on the purchase order.				
		<u>Code NAME</u>				
		BD				Bundle
		BF				Board Feet
		BG				Bag
		BX				Box
		CA				Case
		DS				Display
		EA				Each
		FT				Foot
		LF				Linear Foot
		PC				Piece
		PR				Pair
		RL				Roll
		UN				Unit
IT104	212	Unit Price	C	R	1/17	Must use
		Please note:				
		The unit price should match the unit price on the Lowe's purchase order.				
IT106	235	Product/Service ID Qualifier	C	ID	2/2	Must use
		<u>Code NAME</u>				
		CB				Buyer's Catalog Number
		IN				Buyer's Item Number
IT107	234	Product/Service ID	C	AN	1/48	Must use
		Please note:				
		Always use Lowe's 5-digit sku that is provided on the PO. If you are unable to locate sku, please contact Financial EDI for assistance.				
		***PLEASE NOTE THAT LOWE'S SKU NUMBER WILL HAVE A				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		- MAXIMUM OF 9 DIGITS AFTER APRIL 1999***				

PID Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elms: 2

Provide description of item given in previous IT1 segment.

Example:

PID*F**LIGHT BULBS**

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>
PID01	349	Item Description Type Code <u>NAME</u>	M	ID	1/1	Must use
		F Free-form				
PID05	352	Description	C	AN	1/80	Must use

TDS Total Monetary Value Summary

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elms: 4

To specify the total invoice discounts and amounts

Example:

TDS*7175\

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>
TDS01	610	- Total Invoice Amount Please note: Total invoice amount due. This total should include any allowance or charge amounts, but will not reflect any terms discounts reflected in the ITD (payment terms) segment.	M	N2	1/15	Must use
TDS02	610	Amount Subject to Terms Discount Please note: Amount subject to terms discount. Needed only if the amount used to calculate the discount is different from the total invoice amount in TDS01.	O	N2	1/15	Used
TDS03	610	Discounted Amount Due	O	N2	1/15	Not used by Lowe's
TDS04	610	Terms Discount Amount	O	N2	1/15	Not used by Lowe's

CAD Carrier Detail

Pos: 030	Max: 1
Summary - Optional	
Loop: N/A	Elms: 2

To specify transportation details for the transaction

Example:

CAD**SCAC**

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>
CAD04	140	Standard Carrier Alpha Code Please note: Standard Carrier Alpha Code (4 letter alpha code assigned to all freight carriers)	C	ID	2/4	Must use
CAD05	387	Routing Please note: Name of carrier trucking company. Not necessary if SCAC code is given in CAD04.	C	AN	1/35	Used

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040 Max: 1
Summary - Optional
Loop: SAC Elems: 5

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge. This segment will only be used if there is an allowance or charge. There will need to be a separate SAC segment for each different type of allowance or charge.

Example:

SAC*C*D240*675*****06***FREIGHT CHARGE**

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>
SAC01	248	Allowance or Charge Indicator Please note: An 'A' will indicate a reduction in the invoice amount. A 'C' will indicate a charge, or increase in the invoice amount. <u>Code NAME</u> A Allowance C Charge	M	ID	1/1	Must use
SAC02	1300	Service, Promotion, Allowance, or Charge Code <u>Code NAME</u> A260 Advertising Allowance A720 Broken Package Charge C000 Defective Allowance D240 Freight D500 Handling E740 New Store Allowance F180 Pallet H000 Special Allowance H660 Tax - Federal Excise Tax,FET H750 Tax - Sales Tax (State and Local) H770 Tax - State Tax H850 Tax ZZZZ Mutually Defined	C	ID	4/4	Must use
SAC05	610	Amount Please note: Amount of allowance or charge.	O	N2	1/15	Must use
SAC12	331	Allowance or Charge Method of Handling Code Please note: If SAC 01 = 'A' the code here will be '02'. If SAC 01 = 'C' the code here will be '06'. <u>Code NAME</u>	O	ID	2/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		-				
	02	Off Invoice				
	06	Charge to be Paid by Customer				
SAC15	352	Description	C	AN	1/80	Must use
		Please note:				
		Description of allowance or charge.				

ISS Invoice Shipment Summary

Pos: 060	Max: 1
Summary - Optional	
Loop: ISS	Elms: 2

To specify summary details of total items shipped in terms of quantity, weight, and volume. Express units at the highest packing level. If cartons are palletized, express at pallet level. If there are remaining cartons, use a second loop to express remainder of shipment.

Example:

ISS*1*PL\
ISS*2*CA\

Above is an example of a shipment containing 1 pallet plus 2 cases.

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>
ISS01	382	Number of Units Shipped Please note: Total number of units shipped.	C	R	1/10	Must use
ISS02	355	Unit or Basis for Measurement Code Please note: Shipment information should reflect how load was tendered. <u>Code</u> <u>NAME</u> CA Case PL Pallet/Unit Load S9 Slip Sheet	C	ID	2/2	Must use

CTT Transaction Totals

Pos: 070	Max: 1
Summary - Optional	
Loop: N/A	Elms: 1

To transmit the total number of line items (IT1 segments).

Example:

CTT*1\

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>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

SE Transaction Set Trailer

Pos: 080	Max: 1
Summary - Mandatory	
Loop: N/A	Elms: 2

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Example:

SE*15*2275

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	Must use
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use

GE Functional Group Trailer

Pos: 081	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 2

To indicate the end of a functional group and to provide control information

Example:

GE*1*304

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	Must use
GE02	28	Group Control Number	M	N0	1/9	Must use

IEA Interchange Control Trailer

Pos: 082	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 2

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Example:

IEA*1*000000133\

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	Must use
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use