LOWE'S EDI
810 INVOICE

VERSION: 4010 FINAL

Publication Date: **November 1998**
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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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage

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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
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	**Elems: 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**	**Authorization Information Qualifier**	**M**	**ID**	**2/2**	**Must use**

Code NAME
00   No Authorization Information Present (No Meaningful Information in I02)

ISA02	**I02**	**Authorization Information**	**M**	**AN**	**10/10**	**Must use**

Please note:

This element should be filled with spaces.

ISA03	**I03**	**Security Information Qualifier**	**M**	**ID**	**2/2**	**Must use**

Code NAME
00   No Security Information Present (No Meaningful Information in I04)

ISA04	**I04**	**Security Information**	**M**	**AN**	**10/10**	**Must use**

Please note:

This element should be filled with spaces.

ISA05	**I05**	**Interchange ID Qualifier**	**M**	**ID**	**2/2**	**Must use**

Please note:

All valid X12 codes are used.

ISA06	**I06**	**Interchange Sender ID**	**M**	**AN**	**15/15**	**Must use**
ISA07	**I05**	**Interchange ID Qualifier**	**M**	**ID**	**2/2**	**Must use**

Please note:

Lowe's uses a 01 qualifier.

Code NAME
01   Duns (Dun & Bradstreet)

ISA08	**I07**	**Interchange Receiver ID**	**M**	**AN**	**15/15**	**Must use**

Please note:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		The receiver ID Lowe's uses for test and production data is 006097142.				
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	M	ID	1/1	Must use

Please note:

All valid X12 codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use

<u>Code</u> **NAME**
00400 Standard Issued as ANSI X12.5-1997

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use

<u>Code</u> **NAME**
0   No Acknowledgment Requested

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA15	I14	Usage Indicator	M	ID	1/1	Must use

<u>Code</u> **NAME**
P   Production Data
T   Test Data

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA16	I15	Component Element Separator	M		1/1	Must use

Please note:

Use (>) as the sub-element separator.

Use (*) as the element separator.

Use (\) as the segment terminator.

GS   Functional Group Header

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

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

Example:

GS*IN*SENDERID*006097142*19980702*1709*304*X*004010

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	**479**	**Functional Identifier Code**	**M**	**ID**	**2/2**	**Must use**

Code NAME
IN   Invoice Information (810,819)

GS02	**142**	**Application Sender's Code**	**M**	**AN**	**2/15**	**Must use**
GS03	**124**	**Application Receiver's Code**	**M**	**AN**	**2/15**	**Must use**

Please note:

The receiver ID Lowe's uses for test and production data is 006097142.

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**	**M**	**ID**	**1/2**	**Must use**

Code NAME
X   Accredited Standards Committee X12

GS08	**480**	**Version / Release / Industry Identifier Code**	**M**	**AN**	**1/12**	**Must use**

Code NAME
004010   Draft Standards Approved for Publication by ASC X12
         Procedures Review Board through October 1997

ST   **Transaction Set Header**

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

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

Example:

ST*810*2275

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Code	NAME
810	Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Elems: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

Code	NAME
CR	Credit Memo
DR	Debit Memo
ME	Memorandum

NTE   Note/Special Instruction

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

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

Example:

NTE*GEN*1ZE445120311631005

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE01	363	Note Reference Code	O	ID	3/3	Used

Code   **NAME**
GEN   Entire Transaction Set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
NTE02	352	Description	M	AN	1/80	Used

Please note:

When you ship an order via UPS your 1Z Bar Code should be placed in NTE02.

N1   **Name**

Pos: 070	**Max: 1**
Heading - Optional	
Loop: N1	**Elems: 4**

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

Example:

N1*ST92*0523**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	**98**	**Entity Identifier Code**	**M**	**ID**	**2/3**	**Must use**

    Code NAME
    MA   Party for whom Item is Ultimately Intended
    ST   Ship To

**Cross Dock Orders – Your incoming purchase order will reflect the ship
    to store (ST) and the store that the goods are intended for (MA).
    On your 810 document to Lowe's, only send the N1 segment
    with the MA qualifier. If two N1 segments are transmitted (MA
    and ST), the N1 segment with MA in N101 must be the second
    in the sequence of N1's

N1*ST**92*960   (ship to location)
N1*MA**92*701   (store goods were ordered for)

***If transmitted with the ST last, our invoice will pick up store #960 and
    the invoice will be kicked back for invalid store #

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	**93**	**Name**	**C**	**AN**	**1/60**	**Not used by Lowe's**
N103	**66**	**Identification Code Qualifier**	**C**	**ID**	**1/2**	**Must use**

    Code NAME
    92   Assigned by Buyer or Buyer's Agent
    94   Code assigned by the organization that is the ultimate destination
         of the transaction set

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	**67**	**Identification Code**	**C**	**AN**	**2/80**	**Must use**

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 1999*****

ITD   Terms of Sale/Deferred Terms of Sale

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

Example:

ITD*08*3*215**30*144****2% 15 NET 30**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD01	336	**Terms Type Code**	O	ID	2/2	**Must use**

Code **NAME**
05   Discount Not Applicable
08   Basic Discount Offered
09   Proximo

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD02	333	**Terms Basis Date Code**	O	ID	1/2	**Must use**

Please note:

All payment terms are based upon the invoice date in BIG01
Code **NAME**
3   Invoice Date

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD03	338	**Terms Discount Percent**	O	R	1/6	**Used**

Please note:

If discount is 2% this field should contain '2'

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD04	370	**Terms Discount Due Date**	C	DT	8/8	**Used**

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.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD05	351	**Terms Discount Days Due**	C	N0	1/3	**Used**

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.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD06	446	**Terms Net Due Date**	O	DT	8/8	**Used**

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.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD07	386	**Terms Net Days**	O	N0	1/3	**Used**

Please note:

Use number of days from invoice date (BIG01) to due date. Terms Net

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		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	Elems: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM01	**374**	**Date/Time Qualifier**	**M**	**ID**	**3/3**	**Must use**
		Code NAME				
		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   Elems: 1

To specify transportation instructions relating to shipment

Example:

FOB*PC\

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Elems: 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*3.25CB*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.

Code	NAME
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT106	235	Product/Service ID Qualifier	C	ID	2/2	Must use

Code	NAME
CB	Buyer's Catalog Number
IN	Buyer's Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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 MAXIMUM OF 9 DIGITS AFTER APRIL 1999

PID   **Product/Item Description**

Provide description of item given in previous IT1 segment.

Example:

PID*F**LIGHT BULBS**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	**349**	**Item Description Type**	**M**	**ID**	**1/1**	**Must use**
		Code NAME 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	Elems: 4

To specify the total invoice discounts and amounts

Example:

TDS*7175

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TDS01	**610**	**Total Invoice Amount**	**M**	**N2**	**1/15**	**Must use**
		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.				
TDS02	**610**	**Amount Subject to Terms Discount**	**O**	**N2**	**1/15**	**Used**
		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.				
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

<table>
<tr><td>Pos: 030</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Optional</td></tr>
<tr><td>Loop: N/A</td><td>Elems: 2</td></tr>
</table>

To specify transportation details for the transaction

Example:

CAD**SCAC**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CAD04	**140**	**Standard Carrier Alpha Code**	**C**	**ID**	**2/4**	**Must use**

Please note:

Standard Carrier Alpha Code (4 letter alpha code assigned to all freight carriers)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CAD05	**387**	**Routing**	**C**	**AN**	**1/35**	**Used**

Please note:

Name of carrier trucking company. Not necessary if SCAC code is given in CAD04.

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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	**248**	**Allowance or Charge Indicator**	**M**	**ID**	**1/1**	**Must use**

Please note:

An 'A' will indicate a reduction in the invoice amount. A 'C' will indicate a charge, or increase in the invoice amount.

Code	NAME
A	Allowance
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	**1300**	**Service, Promotion, Allowance, or Charge Code**	**C**	**ID**	**4/4**	**Must use**

Code	NAME
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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	**610**	**Amount**	**O**	**N2**	**1/15**	**Must use**

Please note:

Amount of allowance or charge.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC12	**331**	**Allowance or Charge Method of Handling Code**	**O**	**ID**	**2/2**	**Must use**

Please note:

If SAC 01 = 'A' the code here will be '02'.

If SAC 01 = 'C' the code here will be '06'.

Code	NAME
02	Off Invoice
06	Charge to be Paid by Customer

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	Elems: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISS01	382	**Number of Units Shipped**	C	R	1/10	**Must use**

Please note:

Total number of units shipped.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISS02	355	**Unit or Basis for Measurement Code**	C	ID	2/2	**Must use**

Please note:

Shipment information should reflect how load was tendered.

Code	NAME
CA	Case
PL	Pallet/Unit Load
S9	Slip Sheet

CTT **Transaction Totals**

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

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

Example:

CTT*1

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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   Elems: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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**

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

Example:

GE*1*304

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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   Elems: 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use