

LOWE'S EDI

846 Inventory Inquiry/Advice

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846

Inventory Inquiry/Advice

Functional Group=IB

Purpose: This document includes the 846 Inventory Inquiry/Advice Transaction Set data requirements for reporting weekly consignment inventory within our Flatbed Distribution Centers (FDCs) for an assigned Lowe's vendor number. The EDI 846 transaction should be used for informational purposes only by Lowe's consignment vendors.

It also provides our consignment vendors with an assigned Lowe's purchase order number to be used for invoicing the items shipped as included in this weekly transaction. The purchase order number included in this transaction should not be used to ship product to Lowe's facilities. It is for invoicing purposes only.

The consignment item detail in this transaction is reported by vendor number by FDC by item and includes these data fields:

Lowe's item number and description

Old Balance Quantity - Amount of inventory on-hand at the beginning of the previous buy-over week (the beginning inventory balance).

Received Quantity - Amount of product received for during the previous buy-over week.

Shipped Quantity - Amount of product shipped during the previous buy-over week which should be used for invoicing.

Adjustment Quantity - Amount of adjustments that occurred during the previous buy-over week.

New Balance Quantity - Amount of inventory on-hand as of the buy-over week ending date (the ending inventory balance).

This transaction will be sent to Lowe's consignment vendors with our last outbound schedule each Friday. The data included in this transaction represents the inventory activity by vendor number by consignment item that occurred from Friday through Thursday for each FDC.

An EDI 997 Functional Acknowledgment is required from our trading partners to confirm receipt of each 846 transaction.

For technical EDI questions, please use this document to identify Lowe's EDI Coordinator that handles your account http://www.loweslink.com/llmain/pubdocuments/EDI_QUICK_REFERENCE.pdf

For questions related to the actual data contents, please contact the specific FDC.

ADDITIONAL NOTES

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>
	ISA	Interchange Control Header	M	1			Mandatory
	GS	Functional Group Header	M	1			Mandatory
0100	ST	Transaction Set Header	M	1			Mandatory
0200	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Mandatory
0600	REF	Reference Information	O	12			Mandatory
LOOP ID - N1					5		
0800	N1	Party Identification	O	1			Mandatory

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 - LIN					≥1		
0100	LIN	Item Identification	M	1			Mandatory
0300	PID	Product/Item Description	O	200			Mandatory
LOOP ID - QTY					99		
3200	QTY	Quantity Information	O	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>
0100	CTT	Transaction Totals	O	1		N3/0100	Mandatory
0200	SE	Transaction Set Trailer	M	1			Mandatory

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>
	GE	Functional Group Trailer	M	1			Mandatory
	IEA	Interchange Control Trailer	M	1			Mandatory

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>	<u>Rep</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Mandatory	1
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	1
Please Note: This element should be filled with spaces.							
ISA03	I03	Security Information Qualifier	M	ID	2/2	Mandatory	1
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	1
Please Note: This element should be filled with spaces.							
ISA05	I05	Interchange ID Qualifier for Lowe's	M	ID	2/2	Mandatory	1
ISA06	I06	Interchange Sender ID for Lowe's	M	AN	15/15	Mandatory	1
ISA07	I05	Interchange ID Qualifier for Receiver	M	ID	2/2	Mandatory	1
All valid X12 codes are used. (Total Codes: 41)							
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Mandatory	1
ISA09	I08	Interchange Date	M	DT	6/6	Mandatory	1
ISA10	I09	Interchange Time	M	TM	4/4	Mandatory	1
ISA11	I65	Repetition Separator	M	AN	1/1	Mandatory	1
Please Note: The ISA11 has a type code of 'AN' which is not currently applicable to this field. It will include a ^ (caret) symbol; hex value for EBCDIC is 5F or ASCII is 5E.							
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Mandatory	1
CodeList Summary (Total Codes: 27, Included: 1)							
		<u>Code</u>	<u>Name</u>				
		00600	ASC X12 Standards Issued by ANSI in 2008				
ISA13	I12	Interchange Control Number	M	N0	9/9	Mandatory	1
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Mandatory	1
CodeList Summary (Total Codes: 2, Included: 1)							
		<u>Code</u>	<u>Name</u>				
		0	No Interchange Acknowledgment Requested				
ISA15	I14	Interchange Usage Indicator	M	ID	1/1	Mandatory	1

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

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

ISA16	I15	Component Element Separator	M	1/1	Mandatory	1
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Example:

ISA*00* *00* *01*006097142 *01*receiver's id *110826*1700*^*00600*000000001*0*P*>\ (see note above on
ISA11)

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>	<u>Rep</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Mandatory	1
CodeList Summary (Total Codes: 260, Included: 1)							
		<u>Code</u>		<u>Name</u>			
		IB		Inventory Inquiry/Advice (846)			
GS02	142	Application Sender's Code for Lowe's	M	AN	2/15	Mandatory	1
GS03	124	Application Receiver's Code	M	AN	2/15	Mandatory	1
GS04	373	Date	M	DT	8/8	Mandatory	1
GS05	337	Time	M	TM	4/8	Mandatory	1
GS06	28	Group Control Number	M	N0	1/9	Mandatory	1
GS07	455	Responsible Agency Code	M	ID	1/2	Mandatory	1
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	1
CodeList Summary (Total Codes: 71, Included: 1)							
		<u>Code</u>		<u>Name</u>			
		006010		Standards Approved for Publication by ASC X12 Procedures Review Board through October 2008			

Example:

GS*IB*006097142*receiver's id*20110826*1646*000000001*X*006010\

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>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Mandatory	1

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

<u>Code</u>	<u>Name</u>
846	Inventory Inquiry/Advice

ST02	329	Transaction Set Control Number	M	AN	4/9	Mandatory	1
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Example:

ST*846*000000001\

BIA Beginning Segment for Inventory Inquiry/Advice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Mandatory

Purpose: To indicate the beginning of an Inventory Inquiry/Advice 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>	<u>Rep</u>
BIA01	353	Transaction Set Purpose Code	M	ID	2/2	Mandatory	1
		CodeList Summary (Total Codes: 67, Included: 1)					
		<u>Code</u>		<u>Name</u>			
		22		Information Copy			
BIA02	755	Report Type Code	M	ID	2/2	Mandatory	1
		CodeList Summary (Total Codes: 553, Included: 1)					
		<u>Code</u>		<u>Name</u>			
		SI		Seller Inventory Report			
BIA03	127	Reference Identification	M	AN	1/80	Mandatory	1
		Please Note: This field will include a value of WEEKLY. This will assist to identify the 846 represents weekly consignment reporting.					
BIA04	373	Date	M	DT	8/8	Mandatory	1
		Please Note: This data field includes the Week Ending Date; format=CCYYMMDD.					

Example:

BIA*22*SI*WEEKLY*20110105\

REF Reference Information

Pos: 0600	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Mandatory

Purpose: To specify identifying 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>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Mandatory	1
CodeList Summary (Total Codes: 1795, Included: 3)							
		<u>Code</u>		<u>Name</u>			
		IA		Internal Vendor Number			
		PO		Purchase Order Number			
		RE		Release Number			
REF02	127	Reference Identification	X	AN	1/80	Mandatory	1

Please Note:

For each 846, there should be three REF segments.

When REF01=IA, REF02=Lowe's assigned consignment vendor number.

When REF01=PO, REF02=Purchase Order Number to be used for Invoicing purposes for items shipped during the previous buy-over week. The purchase order number included in this transaction should not be used to ship product to Lowe's facilities. It is for invoicing purposes only. When there are no items shipped during the previous buy-over week (QTY01=94 and QTY02=0), the purchase order number should not be used for invoicing

When REF01=RE, REF02=Purchase Order RR (Release) Number. The RR Number may be greater than 1 when a Purchase Order has been adjusted. Always use the highest RR Number when processing this transaction for a specific vendor number and specific FDC.

810 TURN AROUND INFORMATION:

The Purchase Order transmitted in the REF02 of the 846 must be returned in the BIG04 field of the 810 invoice.

Example:

Example of REF segment with Lowe's assigned Consignment Vendor Number

REF*IA*99999

Example of REF segment with Purchase Order Number

REF*PO*999999999

Example of REF segment with Purchase Order RR (Release) Number

REF*RE*1

N1 Party Identification

Pos: 0800	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Mandatory

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

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>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Mandatory	1
CodeList Summary (Total Codes: 1521, Included: 2)							
		<u>Code</u>		<u>Name</u>			
		SF		Ship From			
		ST		Ship To			
N102	93	Name	X	AN	1/60	Conditional	1
Please Note: When N101=SF, N102 will include the Lowe's assigned consignment vendor name.							
N103	66	Identification Code Qualifier	X	ID	1/2	Conditional	1
CodeList Summary (Total Codes: 251, Included: 1)							
		<u>Code</u>		<u>Name</u>			
		93		Code assigned by the organization originating the transaction set			
N104	67	Identification Code	X	AN	2/80	Conditional	1

Please Note:

For each 846, there should be two N1 segments.

When the N101=ST, the N102 is blank, the N103=93, and the N104 includes the Lowe's FDC location number. Its value is currently a minimum of two-digits and a maximum of five-digits. It is also zero-suppressed.

When the N101=SF, the N102 includes the Lowe's assigned consignment vendor name, and the N103 and N104 are not included.

810 TURN AROUND INFORMATION:

You must return the N1-01 and N1-04 element of the 846 in the N1-01 and N1-04 of the 810 invoice. However, the N1-03 will have different qualifiers sent in the 810 invoice than what was received in the 846.

Example:

Example of N1 segment for FDC location number
N1*ST**93*9999\

Example of N1 segment for Ship From Lowe's assigned consignment vendor name
N1*SF*vendor name\

LIN

Item Identification

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 2

User Option (Usage): Mandatory

Purpose: To specify basic item identification data

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>	<u>Rep</u>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Mandatory	1
CodeList Summary (Total Codes: 518, Included: 1)							
		<u>Code</u>		<u>Name</u>			
		CB		Buyer's Catalog Number			
LIN03	234	Product/Service ID	M	AN	1/80	Mandatory	1

Please Note:

The segment includes Lowe's item number. The item number may be up to 9-digits in length. This field is zero-suppressed.

810 TURN AROUND INFORMATION:

When an item has a shipped quantity (QTY01=94) greater than zero (QTY02), include the same amount for the invoice quantity along with the same item details in the LIN segment of the 846 in the IT1 segment of the 810.

Example:

Example of 6-digit item number.
LIN**CB*999999\

Example of 3-digit item number
LIN**CB*999\

PID

Product/Item Description

Pos: 0300	Max: 200
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Mandatory

Purpose: To describe a product or process in coded or free-form format

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>	<u>Rep</u>
PID01	349	Item Description Type	M	ID	1/1	Mandatory	1
CodeList Summary (Total Codes: 3, Included: 1)							
		<u>Code</u>		<u>Name</u>			
		F		Free-form			
PID05	352	Description	X	AN	1/80	Mandatory	1

Please Note:

810 TURN AROUND INFORMATION:

Please return the PID segment the same as received in the 846, in the PID segment of the 810 invoice.

Example:

PID*F****1 QT PERENNIALS\

QTY Quantity Information

Pos: 3200	Max: 1
Detail - Optional	
Loop: QTY	Elements: 2

User Option (Usage): Mandatory
Purpose: To specify quantity 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>	<u>Rep</u>
QTY01	673	Quantity Qualifier	M	ID	2/2	Mandatory	1

CodeList Summary (Total Codes: 1135, Included: 5)

<u>Code</u>	<u>Name</u>
18	Previous Week Quantity
87	Quantity Received
94	Billable Quantity
Description: Number of billable units used	
A5	Adjusted Quantity
V2	Available Quantity

QTY02	380	Quantity	X	R	1/15	Mandatory	1
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Please Note:

For each item, a total of five QTY segments should be included.

QTY02 may contain a negative value. If there are questions on the quantity, please contact the specific FDC.

If there is a zero amount for one of the QTY segments, the QTY02 will include a value of 0 (zero).

When QTY01=18, QTY02=the amount of inventory on-hand (the beginning inventory balance) at the FDC at the beginning of the previous buy-over week (Old Balance Quantity).

When QTY01=87, QTY02=the amount of product received for the item during the previous buy-over week at the FDC (Received Quantity).

When QTY01=94, QTY02=the amount of product shipped during the previous buy-over week from the FDC to Lowe's stores and the amount to be invoiced for the item (Shipped Quantity).

When QTY01=A5, QTY02=the item adjustments that occurred during the previous buy-over week (Adjustment Quantity).

When QTY01=V2, QTY02=the amount of inventory on-hand (the ending inventory balance) at the FDC as of the buy-over week ending date (New Balance Quantity).

Example:

Example of QTY segment that includes the amount of inventory on-hand (the beginning inventory balance) at the FDC at the beginning of the previous buy-over week for an item

QTY*18*9999

Example of QTY segment that includes the amount of product received for the item during the previous buy-over week

QTY*87*9999

Example of QTY segment that includes the amount of product shipped during the previous buy-over week from the FDC to Lowe's stores and the amount to be invoiced for the item

QTY*94*9999

Example of QTY segment that includes the amount of adjustments applied to an item during the previous buy-over week

QTY*A5*9999

Example of QTY segment that includes the amount of inventory on-hand (the ending inventory balance) at the FDC as of the buy-over week ending date for an item

QTY*V2*9999

CTT

Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Mandatory

Purpose: To transmit a hash total for a specific element in the 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>	<u>Rep</u>
CTT01	354	Number of Line Items	M	N0	1/6	Mandatory	1

Please Note:

This segment includes the number of LIN segments included in the 846.

SE Transaction Set Trailer

Pos: 0200	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>	<u>Rep</u>
SE01	96	Number of Included Segments	M	N0	1/10	Mandatory	1
SE02	329	Transaction Set Control Number	M	AN	4/9	Mandatory	1

GE

Functional Group Trailer

Pos:	Max: 1
Heading - 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>	<u>Rep</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Mandatory	1
GE02	28	Group Control Number	M	N0	1/9	Mandatory	1

IEA

Interchange Control Trailer

Pos:	Max: 1
Heading - 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>	<u>Rep</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Mandatory	1
IEA02	I12	Interchange Control Number	M	N0	9/9	Mandatory	1