

Sears EDI Guidelines

846 Inventory Advice for Sears.com

v4010

INTRODUCTION

The 846 Inventory Advice transaction is used by Sears' Customer Direct program to support Sears.com. The success of this program is dependent on our ability to maintain accurate inventory numbers.

The 846 transaction set provides for the communication of a current in-stock quantity for each item/SKU. As sales occur, the quantity ordered of each item/SKU is deducted from the available quantity. When the available quantity of an item/SKU drops below the tolerance quantity set for each item/SKU, the item/SKU is removed from the Sears.com website.

ISA/GS Qualifier, Receiver ID

PRODUCTION

08, 6111250036

Sears will process the 846 transactions received several times daily, seven days a week.

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Functional Group ID=**IB**

Transaction Set Table

Header

<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
ST	Transaction Set Header	M	1	
BIA	Beginning Segment for Inventory Inquiry/Advice	M	1	
REF	Reference Identification	O	12	

Detail

<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
	LOOP ID - LIN			10000
LIN	Item Identification	M	1	
REF	Reference Identification	O	>1	
	LOOP ID - QTY			99
QTY	Quantity	O	1	
	LOOP ID - SCH			25
SCH	Line Item Schedule	O	1	

Summary

<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
SE	Transaction Set Trailer	M	1	

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Segment: **ST** Transaction Set Header
Loop:
Level: Header
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code 846 Inventory Inquiry/Advice	M ID 3/3
ST02	329	Transaction Set Control Number	M AN 4/9

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Segment: **BIA** Beginning Segment for Inventory Inquiry/Advice
Level: Header
Usage: Mandatory
Max Use: 1

- Notes:**
1. BIA03 is the sender's internal document number and is used to identify the transaction in the supplier's system.
 2. The date and time (BIA04 and BIA05) are the date and time of creation. The application will use these elements to determine the most current transaction if more than one is transmitted to Sears. The transaction may not be more than 24 hours old or it will be rejected by Sears.
 3. Time is expressed using a 24-hour clock.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
BIA01	353	Transaction Set Purpose Code 00 Original	M ID 2/2
BIA02	755	Report Type Code MB Manufacturer/Distributor Inventory Report	M ID 2/2
BIA03	127	Reference Identification	M AN 1/30
BIA04	373	Date	M DT 8/8
BIA05	337	Time	M TM 4/8
Not Used	BIA06	306 Action Code	O ID 1/2

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Segment: **REF** Reference Identification
Loop:
Level: Header
Usage: Required for Sears
Max Use: 12

- Notes:**
1. One iteration of the REF segment is required to specify the vendor number.
 2. The value of REF*IA is a Sears-assigned number which identifies the vendor to the Sears' Customer Direct program.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier IA Internal Vendor Number	M ID 2/2
REF02	127	Reference Identification 9 - 9 Sears-assigned vendor number	M AN 9/9
Not Used	REF03	352 Description	
Not Used	REF04	C040 Reference Identifier	

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Segment: **LIN** Item Identification
Loop: LIN
Level: Detail
Usage: Mandatory
Max Use: 1 per LIN loop; LIN loop may repeat per standards

Notes: 1. The LIN segment begins the detail area of the transaction set. One LIN loop should be created for each item/SKU included in the report. LIN05 through LIN07 are optional and should only be included if SKU or UPC/EAN information is applicable.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Sears'</u>
	<u>Des.</u>	<u>Element</u>		<u>Attributes</u>
Not Used	LIN01	350	Assigned Identification	
	LIN02	235	Product/Service ID Qualifier	M ID 2/2
			IN Buyer's Item Number	
	LIN03	234	Product/Service ID	M AN 1/48
			4 - 5 Sears' item number	
	LIN04	235	Product/Service ID Qualifier	O ID 2/2
			EN European Article Number (EAN) (2-5-5-1)	
			IZ Buyer's Size Code (Sears' SKU number)	
			UP U.P.C. Consumer Package Code (1-5-5-1)	
	LIN05	234	Product/Service ID	C AN 3/13
			13 - 13 European Article Number	
			3 - 3 Sears' SKU Number	
			12 - 12 U.P.C. Number	
	LIN06	235	Product/Service ID Qualifier	O ID 2/2
			See LIN04	
	LIN07	234	Product/Service ID	C AN 3/13
			See LIN05	
Not Used	LIN08	235	Product/Service ID Qualifier	
Not Used	LIN09	234	Product/Service ID	
Not Used	LIN10	235	Product/Service ID Qualifier	
Not Used	LIN11	234	Product/Service ID	
Not Used	LIN12	235	Product/Service ID Qualifier	
Not Used	LIN13	234	Product/Service ID	
Not Used	LIN14	235	Product/Service ID Qualifier	
Not Used	LIN15	234	Product/Service ID	
Not Used	LIN16	235	Product/Service ID Qualifier	
Not Used	LIN17	234	Product/Service ID	

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	<u>Ref.</u>	<u>Data</u>		<u>Sears'</u>
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	LIN18	235	Product/Service ID Qualifier	
Not Used	LIN19	234	Product/Service ID	
Not Used	LIN20	235	Product/Service ID Qualifier	
Not Used	LIN21	234	Product/Service ID	
Not Used	LIN22	235	Product/Service ID Qualifier	
Not Used	LIN23	234	Product/Service ID	
Not Used	LIN24	235	Product/Service ID Qualifier	
Not Used	LIN25	234	Product/Service ID	
Not Used	LIN26	235	Product/Service ID Qualifier	
Not Used	LIN27	234	Product/Service ID	
Not Used	LIN28	235	Product/Service ID Qualifier	
Not Used	LIN29	234	Product/Service ID	
Not Used	LIN30	235	Product/Service ID Qualifier	
Not Used	LIN31	234	Product/Service ID	

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Segment: **REF** Reference Identification
Loop: LIN
Level: Detail
Usage: Required for Sears
Max Use: 1 per LIN loop

Notes: 1. This segment is required to specify the department number for the associated line item (LIN). This is the same value sent on the purchase order (REF*DP) and required on the invoice.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Sears'</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>
REF01	128	Reference Identification Qualifier DP Department Number	M ID 2/2
REF02	127	Reference Identification 3 - 3 Department number	M AN 3/3
Not Used	REF03	352 Description	
Not Used	REF04	C040 Reference Identifier	

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Segment: **QTY** Quantity
Loop: QTY
Level: Detail
Usage: Required for Sears
Max Use: 1 per LIN loop

- Notes:**
1. The QTY segment is required to specify the total quantity available of the item/SKU identified in the associated LIN segment.
 2. Only one occurrence of the QTY loop is allowed per LIN segment.
 3. The Customer Direct application requires a value of "EA" in QTY03.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
QTY01	673	Quantity Qualifier	M ID 2/2
		33 Quantity Available for Sale (stock quantity)	
QTY02	380	Quantity	M R 1/8
		1 - 8 Total quantity available	
QTY03	C001	Composite Unit of Measure	
-C00101	355	Unit or Basis for Measurement Code	M ID 2/2
		EA Each	
Not Used	-C00102 - C00115		
Not Used	QTY04	61 Free Form Message	

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Segment: **SCH** Line Item Schedule
 Loop: SCH
 Level: Detail
 Usage: Required for Sears
 Max Use: 1 per LIN loop

- Notes:**
1. The SCH segment is used to communicate the inventory availability for a line item. Current availability must be reported.
 2. A quantity of 9999999 indicates unlimited availability of the associated item/SKU.
 3. The quantity in SCH01 must match the quantity in the preceding QTY segment (QTY02).

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
SCH01	380	Quantity 1 - 8 Total quantity available	M R 1/15
SCH02	355	Unit or Basis for Measurement Code EA Each	M ID 2/2
Not Used	SCH03	98 Entity Identifier Code	
Not Used	SCH04	93 Name	
	SCH05	374 Date/Time Qualifier 018 Available	M ID 3/3
	SCH06	373 Date	M DT 8/8
Not Used	SCH07	337 Time	
Not Used	SCH08	374 Date/Time Qualifier	
Not Used	SCH09	373 Date	
Not Used	SCH10	337 Time	
Not Used	SCH11	326 Request Reference Number	
Not Used	SCH12	350 Assigned Identification	

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Segment: **SE** Transaction Set Trailer
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1

- Notes:**
1. SE01 is a count of the total number of segments present in the transaction, including the control segments.
 2. SE02 must match the number in ST02.

Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Sears'</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	Number of Included Segments	M NO 1/10
SE02	329	Transaction Set Control Number	M AN 4/9

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Segment Usage Examples

Item Availability

ST*846*Control number

BIA*00*MB*Document number*Creation date*Creation time
[Date and time validated for currency of information]

REF*IA*Internal vendor number [Sears-assigned vendor number]

LIN**IN*Sears' item number*IZ*Sears' SKU number*Qualifier*U.P.C. number
[Item/SKU reference]

REF*DP*Department number [References department number for above
item/SKU]

QTY*33*Quantity*EA [Total quantity available]

SCH*Quantity*EA***018*Current date [Current available quantity]

SE*Count of segments*Control number