

Sears EDI Guidelines

855 Purchase Order Acknowledgment

v4010

INTRODUCTION

The 855 - Purchase Order Acknowledgment will be implemented *only with selected suppliers* when a Sears' buyer has authorized a supplier to manage replenishment. This may be for selected items or lines of merchandise. In this application, the 855 is used as a replenishment advice, or order confirmation using Sears terminology, and allows a supplier to create an open order in Sears' RIM system.

Sears' buyer is responsible to provide you with the correct Sears' item and SKU numbers, segregated by department, merchandise line and internal vendor number. Sears' buying department is also responsible for communicating model stock quantities, or changes to model stock quantities, and to arrange for and communicate the dates of any scheduled inventory counts. New store information (number, address date, etc.) can be transmitted via the 816 - Organizational Relationships transaction.

RIM

For RIM merchandise, which will be shipped direct to stores, one or more purchase orders will be created for each department and merchandise line. Up to 99 line items (item/SKU combinations) are allowed per 855 transaction.

RIM 855 transactions received by Sears prior to 10:00 p.m. (eastern time) each night will be processed by Sears' RIM system during the normal order processing. Transmissions received after 10:00 p.m. (eastern time) will be processed the next evening. Currently there exists a two-day time period between when the order is received and processed by the RIM system and when the order appears on the on-order file and is available to receive against. For example, orders processed by RIM on Monday night will not appear on the mechanized on-order file until Wednesday morning. Sears must receive the physical shipment **after** the order appears on the mechanized on-order file - at the end of the two-day Sears processing window.

RIM ISA/GS Qualifier, Receiver ID

PRODUCTION

08, 6111250032

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RIM Business Rules and Requirements

1. All items on the same order confirmation must be assigned to the same (Sears) department number, formatted as 6nn, e.g., 609.
2. All items on the same order confirmation must be assigned to the same Sears-assigned vendor number (purchase order DUNS number).
3. All items on the same order confirmation must be assigned to the same (Sears) merchandise line. The merchandise line number is not specified in the transaction set; it must be obtained from the Sears' buyer.
4. A maximum of 99 line items (PO1 loops) are allowed per transaction.
5. The PO number is six positions, numeric. The number should be assigned in ascending order beginning with 100000 and ending with 999999, incrementing each order by 1.
6. The PO date is the date the you create the transaction. The date cannot be a future date and cannot be more than two days in the past.
7. The scheduled ship date must be equal to or greater than the PO date and equal to or greater than the date received and processed by Sears. Internally, Sears computes an In-store date as Ship Date + 14 days. Sears expects the goods in the store on or before the In-store date.
8. Item/SKU records may not be duplicated within the same transaction. The duplicate will be rejected.
9. Sears' item number is a five digit field which is unique within a department. The item number must be valid for the department.
10. New items, new SKU's, changes in season (dates), etc., must be present on Sears' tables before an 855 can be generated for the item/SKU, etc. This new information or changes are communicated outside the 855 process.
11. If promotional orders are managed separately from regular orders, orders for promotional events must carry the correct event code within the 855. The buying department is responsible to provide you with the correct code to use.
12. Each 855 must be assigned a unique PO number. In the case of duplicates, if a second purchase order for the same store and department with the same PO number is sent on the same day as the first purchase order was transmitted, the quantities for the duplicates will be added together, which will create an inflated on order quantity. If the duplicate is sent on a different day than the original purchase order was transmitted, the duplicate will be rejected.
13. The same item number or item/SKU combination cannot be specified more than once for each store. In the case of duplicates, the edit program will accept the first occurrence of an item number or item/SKU combination for a valid 855 and reject subsequent duplicates even if they are valid for all other rules. If the first occurrence is invalid and the second is valid, the second occurrence will be accepted.

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Functional Group ID=**PR**

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	
BAK	Beginning Segment for Purchase Order Acknowledgment	M	1	
REF	Reference Identification	O	>1	
DTM	Date/Time Reference	O	10	
	LOOP ID - N1			200
N1	Name	O	1	

Detail

<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
	LOOP ID - PO1			100000
PO1	Baseline Item Data	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 855 Purchase Order Acknowledgment	M ID 3/3
ST02	329	Transaction Set Control Number	M AN 4/9

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Segment: **BAK** Beginning Segment for Purchase Order Acknowledgment
Loop:
Level: Header
Usage: Mandatory
Max Use: 1

- Notes:**
1. The PO number is assigned by the sender following Sears' business rules.
 2. The number should be assigned in ascending order beginning with 100000 and ending with 999999, incrementing each order by 1. It must always be 6 positions, numeric, and cannot be reused for the same store (bill to unit number).

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element Name</u>	<u>Sears' Attributes</u>
BAK01	353	Transaction Set Purpose Code 00 Original	M ID 2/2
BAK02	587	Acknowledgment Type AP Acknowledge - Product Replenishment	M ID 2/2
BAK03	324	Purchase Order Number 6 - 6 Sears' PO number	M AN 6/6
BAK04	373	Date	M DT 8/8
Not Used	BAK05	328 Release Number	
Not Used	BAK06	326 Request Reference Number	
Not Used	BAK07	367 Contract Number	
Not Used	BAK08	127 Reference Identification	
Not Used	BAK09	373 Date	
Not Used	BAK10	640 Transaction Type Code	

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Segment: **REF** Reference Identification
Loop:
Level: Header
Usage: Required by Sears
Max Use: 1

- Notes:**
1. The buying department number (REF*DP) is required on every confirmation order.
 2. The internal vendor number (REF*IA) is an identifying number assigned by Sears to each purchase order location for the vendor. This number identifies the supplier and is required for order processing by Sears.
 3. The promotional event code (REF*PD) will be communicated by the buying department, when applicable, and is used only when the supplier is tracking promotional quantities and creating promotional orders separately from regular orders.

Data Element Summary

Ref. Des.	Data Element	Name	Sears' Attributes
REF01	128	Reference Identification Qualifier DP Department Number IA Internal Vendor Number PD Promotion/Deal Number	M ID 2/2
REF02	127	Reference Identification 3 - 3 Department number 9 - 9 Internal vendor number 2 - 2 Promotion, deal/event number	M AN 2/9
Not Used	REF03	352 Description	
Not Used	REF04	C040 Reference Identifier	

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Segment: **DTM** Date/Time Reference
Loop:
Level: Header
Usage: Required by Sears
Max Use: 10

- Notes:** 1. The scheduled ship date will be determined by the vendor, according to the replenishment schedule agreed to between Sears' buyer and the vendor.

Data Element Summary

Ref.	Data			Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
DTM01	374	Date/Time Qualifier		M ID 3/3
		068	Current Schedule Ship	
DTM02	373	Date		M DT 8/8
Not Used	DTM03	337	Time	
Not Used	DTM04	623	Time Code	
Not Used	DTM05	1250	Date Time Period Format Qualifier	
Not Used	DTM06	1251	Date Time Period	

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Segment: **N1** Name
Loop: N1
Level: Header
Usage: Required by Sears
Max Use: 1

Notes: 1. One iteration of the N1 segment is required to specify the bill and ship to location (N101 contains code BS).

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Sears' Attributes</u>
	N101	98	Entity Identifier Code BS Bill and Ship To	M ID 2/2
Not Used	N102	93	Name	
	N103	66	Identification Code Qualifier 92 Assigned by Buyer or Buyer's Agent	M ID 2/2
	N104	67	Identification Code 4 - 7 Bill and Ship to	M AN 4/7
Not Used	N105	706	Entity Relationship Code	
Not Used	N106	98	Entity Identifier Code	

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Segment: **PO1** Baseline Item Data
Loop: PO1
Level: Detail
Usage: Required by Sears
Max Use: 1 per PO1 loop; PO1 loop may repeat 99 times

- Notes:**
1. Each PO1 segment represents a single line item. SKU information may or may not be present depending on the type of merchandise being replenished.
 2. A maximum of 99 (PO1 segments) per purchase order confirmation transaction is allowed. If more than 99 items are being ordered for a given location, department and order date, then multiple transactions must be created. Any line items exceeding the 99 line limit will be rejected in Sears processing.

Data Element Summary

Ref.	Data		Sears'
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	PO101	350	Assigned Identification
	PO102	330	Quantity Ordered M R 1/9 1 - 9 Quantity ordered
	PO103	355	Unit or Basis for Measurement Code M ID 2/2 Any value in the VICS Guidelines
Not Used	PO104	212	Unit Price
Not Used	PO105	639	Basis of Unit Price Code
	PO106	235	Product/Service ID Qualifier M ID 2/2 EN European Article Number (EAN) (2-5-5-1) IN Buyer's Item Number IZ Buyer's Size Code UP U.P.C. Consumer Package Code (1-5-5-1)
	PO107	234	Product/Service ID M AN 3/13 13 - 13 EAN number 4 - 5 Sears' item number 3 - 3 Sears' SKU number 12 - 12 U.P.C. number
	PO108	235	Product/Service ID Qualifier C ID 2/2 See PO106
	PO109	234	Product/Service ID C AN 3/13 See PO107
	PO110	235	Product/Service ID Qualifier C ID 2/2 See PO106
	PO111	234	Product/Service ID C AN 3/13 See PO107
Ref.	Data		Sears'

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	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
	PO112	235	Product/Service ID Qualifier See PO106	C ID 2/2
	PO113	234	Product/Service ID See PO107	C AN 3/13
Not Used	PO114	235	Product/Service ID Qualifier	
Not Used	PO115	234	Product/Service ID	
Not Used	PO116	235	Product/Service ID Qualifier	
Not Used	PO117	234	Product/Service ID	
Not Used	PO118	235	Product/Service ID Qualifier	
Not Used	PO119	234	Product/Service ID	
Not Used	PO120	235	Product/Service ID Qualifier	
Not Used	PO121	234	Product/Service ID	
Not Used	PO122	235	Product/Service ID Qualifier	
Not Used	PO123	234	Product/Service ID	
Not Used	PO124	235	Product/Service ID Qualifier	
Not Used	PO125	234	Product/Service ID	

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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 N0 1/6
SE02	329	Transaction Set Control Number	M AN 4/9

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Segment Usage Examples

RIM Retail PO Confirmation

ST*855*Control number	
BAK*00*AP*PO number*PO Date	[PO number and date]
REF*DP*Department number	[Buying department number]
REF*IA*Internal vendor number	[Sears-assigned internal vendor number]
REF*PD*Promotion/deal number	[Promotional event code, if applicable]
DTM*068*Scheduled ship date	[Scheduled ship date]
N1*BS**92*Bill and ship to unit number	[Bill and ship to unit number]

PO1**Quantity ordered*Unit of measure***IN*Sears' itemnumber*IZ*Sears' SKU number*Qualifier*U.P.C. or EAN	[Quantity ordered, Sears' item/SKU, U.P.C. or EAN PO1 Loop repeats once for each SKU ordered]
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SE*Count of included segments*Control number	
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