

K·B toys

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To: All KB toys Vendors
Subject: Purchase Order (850) Layout Changes
Date: September 11, 1998

The Purchase Order layout has been modified to remove the KB toys Short SKU for the X12 Version 004010.

The following changes will take effect immediately for V004010:

- The KB toys Short SKU has been removed from the PO1 segment. PO108 contained the qualifier "SK" and P0109 contained the 6 digit (alpha numeric) Short SKU. Now ONLY the KB toys Long SKU (PO107), qualified by "CB" (PO106) will be transmitted on the purchase order.

Our vendors are advised to no longer reference the KB toys short SKU since we can not process this field on in-bound transactions, such as the 856-ASN and 810-Invoice. All cross-reference tables should use the KB toys Long SKU information to link to the vendors item number.

850. The Purchase Order

Within the retail industry, two distinct methods for ordering goods have been identified. These methods are:

- Basic orders** - goods are ordered separately for each location (one ship-to location per PO)
- Spreadsheet orders** - used to order the same item for multiple locations (a specific quantity of one item is distributed over a variety of locations)

In a spreadsheet order, the actual quantity to each location need not be the same.

The spreadsheet type order usually implies predistribution by the vendor that is packaged for the store and either sent directly to the store or to a central location (distribution center).

The basic type order can be used in the pre- or post- distribution environment. In the post-distribution environment the buying location would be the distribution center. The distribution center would break out each store quantity.

The purchase order in its most simplistic form assumes that the receiver has, within their systems, most of the general data about the sender and their locations (stores). This data includes bill-to, ship-to, terms, etc., for each of the sender locations. For each ordering location the receiver of the order knows where to send the goods, where to send the bill, and what terms are to be applied. The sender only needs to inform the receiver of the location ordering the goods, when the delivery is expected, and the detail specification for the goods (SKU's) including order quantity for each SKU.

ANSI X12 Purchase Order (850) Transaction Set K•B toys Processing Requirements

- The 850 Purchase Order will meet ANSI X12 standards, and follow VICS conventions as closely as possible (see KB toys EDI Transaction Set Mappings below).
- The 850 Purchase Order will be sent daily to the VAN at 8:00 PM.
- High priority expedited Purchase Orders will be sent throughout the day as required by business needs.
- The Purchase Order Number (BEG02) will be a unique number which must be returned on all specified transactions (except the 997 Functional Acknowledgment), and will be referenced on all transactions relating to the order.
- The PO Line Item Number (PO101) should be returned on all transactions with line item information.
- KB toys EDI personnel will notify the vendor before they are activated for Spreadsheet (multiple ship-to location) orders using the SDQ segment. Until that time, only Basic (one ship-to location) orders will be sent using the N1 segment.
- 3 consecutive transactions must be received and processed without error before the vendor can move to Production status.
- This arrangement may be modified at KB toys's discretion based on the specific circumstances of the testing period.
- KB toys recommends that the EDI Trading Partner Agreement be signed and returned to KB toys before trading production data.
- When a vendor begins receiving the 850 Purchase Order with the Production indicator in ISA15, "P", only EDI orders should be accepted. Phone and fax orders should no longer be accepted unless otherwise notified by KB toys EDI personnel.

NOTE: If problems or errors arise in your EDI transactions AFTER you are moved to production status, you will be notified and expected to take corrective action immediately.

ANSI X12

Purchase Order (850) Transaction Set

Version 004010ANSI

Revised: 9/11/98

This standard provides the format and establishes the data content of a Purchase Order (850) transaction set. A purchase order transaction set provides for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes, or purchase order acknowledgment information. The following pages provide a layout of the 850 information necessary to receive orders from KB toys.

Segment Summary

<i>Header Area</i>	
Segment ID	Loop
ST	Transaction Set Header
BEG	Transaction Set Purpose, PO Type, PO Number, and PO Date
REF	KB toys-Assigned Vendor Number
REF	Letter of Credit Number
REF	PO Close Out Indicator
PER	Buyer's Name and Phone Number
FOB (multiple occurrences)	Shipment Method of Payment
SAC (multiple occurrences)	Service, Promotion, Allowance, or Charge Information
ITD	Terms of Sale
DTM	Cancel After Date
N9-----+	Reference Identification
MSG----- (multiple occurrences)-----+	Notes/Special Instructions for the PO
N1-----+	Ship-to Distribution Center or Store Number (for Single Ship-to Location)
N3	Ship-to Address
N4-----+	Ship-to City, State, Zip Code

<i>Detail Area</i>	
PO1-----+	Purchase Order Line Item Number, Item Quantity, Unit Price, and Buyer's Catalog Number
PID (multiple occurrences)	Product/Item Description
PO4	Item Pack Configuration (Inner Pack Quantities)
SDQ (multiple occurrences)	Ship-to Location Code and Destination Quantity (for Multiple Ship-to Locations - future enhancement)
DTM	Requested Delivery Date
DTM -----+	Requested Ship Date

<i>Summary Area</i>	
CTT	Transaction Totals
SE	Transaction Set Trailer

Purchase Order (850) Transaction Set (V004010)

Header Segments

Segment ID/EI	Ref#	Name	ANSI X12	KB toys	Comments
ST		Transaction Set Header	M	M	
ST01	143	Transaction Set Id	M ID 03/03	M	'850'
ST02	329	Transaction Set Ctl. No.	M AN 04/09	M	Sequential Control Number

BEG		Beginning Segment	M	M	
BEG01	353	Trans. Set Purpose	M ID 02/02	M	'00' Original '06' Confirmation
BEG02	092	PO Type Code	M ID 02/02	M	'SA' Stand-Alone Order
BEG03	324	PO Number	M AN 01/22	M AN	07/07 Purchase Order
BEG05	373	PO Date	M DT 08/08	M	Purchase Order Date

* N9		Reference Identification		M	M
N901	128	Qualifier	M ID 02/03	M	'ZZ' Mutually Defined
N903	369	Free-Form Description	C AN 01/45	M	'NOTES'

*** NOTE: The N9 Segment will be transmitted regardless of if there are messages (notes) or not.**

MSG		Note/Special Instr.	O	O	
MSG01	933	Free-Form Message Text	M AN 01/264	M AN	01/60 Customer Order Text

REF		Reference Numbers	O	M	
REF01	128	Ref. No. Qual.	M ID 02/03	M ID	02/02 'IA' Internal Vendor Number
REF02	127	Reference Number Vendor No.	C AN 01/30	M AN	04/04 KB toys-Assigned

**(See Section 10.1.3 of the
KB toys Implementation
Guide)**

NOTE: The KB toys-assigned vendor number must be returned on all subsequent transactions to KB toys.

REF		Reference Numbers	O	O	
REF01	128	Ref. No. Qual.	M ID 02/03	M ID	02/02 'LC' Letter of Credit Number
REF02	127	Reference Number	C AN 01/30	M	Letter of Credit Number

REF		Reference Numbers	O	O	
REF01	128	Ref. No. Qual. Promotions/Deals	M ID 02/03	M ID	02/02 'PD'
REF02	127	Reference Number	C AN 01/30	M AN 01/30	'CLOSE OUT'

PER		Administrative Comm. Contact	O	O	
PER01	366	Contact Func. Code	M ID 02/02	M	'BD' Buyer Name
PER02	093	Name	O AN 01/60	O AN	01/35 Contact Name
PER03	365	Comm. No. Qual	C AN 02/02	C	'TE' Telephone
PER04	364	Comm. Number	C AN 01/80	C AN	01/25 Telephone Number

Purchase Order (850) Transaction Set (V004010)

Header Segments (continued)

Segment ID/EI	Ref#	Name	ANSI X12	KB toys	Comments
FOB		F.O.B. Related Instructions	O	M	
FOB01	146	Shipment Meth. Pay	M ID 02/02	M	'CC' Collect 'CF' Collect, Freight Credited Back To Customer 'PC' Prepaid but Charged to Customer
FOB02	309	Location Qualifier	C ID 01/02	C ID02/02	'PP' Prepaid 'CA' Country of Origin 'CC' FOB Country 'CI' FOB City 'ZZ' City of Origin
FOB03	352	Description	O AN 01/80	O	

SAC		Service, Promotion, Allowance, or Charge Information	O	O	
SAC01	248	Allowance or Charge Indicator	M ID 01/01	M	'A' Allowance
SAC02	1300	Allowance or Charge Code	C ID 04/04	M	'A260' Advertising Allowance 'C000' Defective Allowance 'C540' Early Buy Allowance 'C560' Early Ship Allowance 'D240' Freight 'F050' Other (See related description in SAC15) 'F970' Rebate 'I170' Trade Discount 'I530' Volume Discount
SAC05	610	Amount	O N2 01/15	M	Amount of Allowance / Charge
SAC06	378	Allowance / Charge % Qual.	C ID 01/01	M	'1' Item List (Gross) Cost '2' Item Net Cost 'Z' Mutually Defined
SAC07	332	Allowance / Charge %	C R 01/06	M R2	01/04 (up to 2 decimal)
SAC15	352	Description	O AN 01/80	O AN	01/11 Description for 'F050
Other' in					SAC02

NOTE: The SAC segment may be used a maximum of 10 times.

ITD		Terms of Sale	O	M	
ITD12	352	Description	O AN 01/80	M	Terms Description

DTM		Date/Time Ref.	O	O	
DTM01	374	Date Time Qual	M ID 03/03	M	'001' Cancel After
DTM02	373	Date	C DT 08/08	M	Cancel After Date

Purchase Order (850) Transaction Set (V004010)

Header Segments (continued)

Segment ID/EI	Ref#	Name	ANSI X12	KB toys	Comments
N1		Name	O	O	
N101	098	Entity ID Code	M ID 02/03	M ID	02/02 'ST' Ship To
N102	093	Name	C AN 01/60	M AN	01/30 KB toys DC or Store
N103	066	ID Code Qual	C ID 01/02	M	'92' Assigned by Buyer
N104	067	ID Code	C AN 02/80	M AN	04/04 KB toys DC or Store
Number					
					(See Section 10.1.1 of the KB toys Implementation Guide)

NOTE: The N1 segment will be used when there is only one ship-to location for the entire Purchase Order.

N3		Address Information	O	O	
N301	166	Address information	M AN 01/55	M AN	01/30
N302	166	Address information	O AN 01/55	M AN	01/30

N4		Geographic Location	O	O	
N401	019	City Name	O AN 02/30	M AN	02/20
N402	156	State	O ID 02/02	M	
N403	116	Zip Code	O ID 03/15	M ID	05/05

Purchase Order (850) Transaction Set (V004010)

Detail Segments

Segment ID/EI	Ref#	Name	ANSI X12	KB toys	Comments
PO1		PO Baseline Item Data	M	M	
PO101	350	Assigned Identification	O AN 01/20	M N0	01/04 PO Line Item Number
PO102	330	Quantity Ordered	C R 01/15	M R 01/09	Item Quantity
PO103	355	Unit of Measure	O ID 02/02	M	'EA' Each
PO104	212	Unit Price	C R 01/17	M N4	01/09 Unit Price
PO106	235	Prod/Serv ID Qual	C ID 02/02	M	'CB' Buyer's Catalog Number
PO107	234	Prod/Serv ID	C AN 01/48	M AN	10/10 KB toys Long SKU
PID		Product/Item Description	O	O	
PID01	349	Item Desc. Type	M ID 01/01	M	'F' Free Format Text
PID05	352	Description	C AN 01/80	M	Description
PO4		Item Physical Details	O	M	
PO401	356	Pack	O N0 01/06	M N0	01/06 Number of Inner Packs
PO402	357	Size	C R 01/08	M R 01/08	Quantity of SKU's within the Inner Pack
PO403	355	Unit of Measure Code	C ID 02/02	M	'EA' Each

Purchase Order (850) Transaction Set (V004010)

Detail Segments (continued)

Segment ID/EI	Ref#	Name	ANSI X12	KB toys	Comments
SDQ		Destination Quantity	O	O	
SDQ01	355	Unit of Measure	M ID 02/02	M	'EA' Each
SDQ02	066	ID Code Qualifier	O ID 01/02	M	'92' Assigned by Buyer
SDQ03	067	ID Code	M AN 02/80	M NO	04/04 KB toys DC or Store
Number					
					(See Section 10.1.1 of the KB toys Implementation Guide)
SDQ04	380	Quantity	M R 01/15	M	
SDQ05	067	ID Code	C AN 02/80	C NO	04/04 KB toys DC or Store
Number					
SDQ06	380	Quantity	C R 01/15	C	
SDQ07	067	ID Code	C AN 02/80	C NO	04/04 KB toys DC or Store
Number					
SDQ08	380	Quantity	C R 01/15	C	
SDQ09	067	ID Code	C AN 02/80	C NO	04/04 KB toys DC or Store
Number					
SDQ10	380	Quantity	C R 01/15	C	
SDQ11	067	ID Code	C AN 02/80	C NO	04/04 KB toys DC or Store
Number					
SDQ12	380	Quantity	C R 01/15	C	
SDQ13	067	ID Code	C AN 02/80	C NO	04/04 KB toys DC or Store
Number					
SDQ14	380	Quantity	C R 01/15	C	
SDQ15	067	ID Code	C AN 02/80	C NO	04/04 KB toys DC or Store
Number					
SDQ16	380	Quantity	C R 01/15	C	
SDQ17	067	ID Code	C AN 02/80	C NO	04/04 KB toys DC or Store
Number					
SDQ18	380	Quantity	C R 01/15	C	
SDQ19	067	ID Code	C AN 02/80	C NO	04/04 KB toys DC or Store
Number					
SDQ20	380	Quantity	C R 01/15	C	
SDQ21	067	ID Code	C AN 02/80	C NO	04/04 KB toys DC or Store
Number					
SDQ22	380	Quantity	C R 01/15	C	

NOTE: SDQ05 - SDQ22 may be used depending on the number of ship-to locations. Also, there may be more than one occurrence of the SDQ segment. The SDQ segment will be used when there is more than one ship-to location for an item.

NOTE: KB toys EDI personnel will notify the vendor before they are activated for Spreadsheet (multiple ship-to location) orders using the SDQ segment. Until that time, only Basic (one ship-to location) orders will be sent using the N1 segment.

DTM		Date/Time Ref.	O	O	
DTM01	374	Date Time Qual	M ID 03/03	M	'002' Delivery Requested
DTM02	373	Date	C DT 08/08	M	Requested Delivery Date

DTM		Date/Time Ref.	O			O	
DTM01	374	Date Time Qual	M	ID	03/03	M	'010' Requested Ship
DTM02	373	Date	C	DT	08/08	M	Requested Ship Date

Purchase Order (850) Transaction Set (V004010)

Summary Segments

Segment ID/EI	Ref#	Name	ANSI X12	KB toys	Comments
CTT		Transaction Totals	O	M	
CTT01	354	Number of Line Items	M N0 01/06	M	Number of Line Items in the 850 document
SE		Transaction Set Trailer	M	M	
SE01	096	Number of Included Segments	M N0 01/10	M	Number of Segments in the 850 document
SE02	329	Transaction Set Control Number	M AN 04/09	M	Control Number from ST02

ANSI X12
Purchase Order (850) Transaction Set
Version 004010
X12 Example - Basic Order

NOTE: The asterisk (*) and semicolon (;) are used in the examples to enhance the segment readability. These characters should not be sent in test or production transmissions to KB toys (see Section 5.1.4 Delimiters).

ST*850*000000001;
BEG*00*SA*410249A**19981012;
REF*IA*4343;
PER*BD*JOHN DOE*TE*4134963000;
FOB*PP;
SAC*A*A260***437*1*1;
ITD*****NET 60;
DTM*001*19980230;
N9*ZZ**NOTES;
MSG*THIS IS A TEST TRANSMISSION;
N1*ST*KB TOYS DISTRIBUTION CTR. 991*92*0991;
PO1*1*40*EA*9.91*CB*4343899559;
PID*F****BULLDOZER;
PO4*10*4*EA;
DTM*002*19980230;
DTM*010*19980130;
PO1*2*6*EA*6.81*CB*4343616177;
PID*F****BASIC TOTE;
PO4*1*6*EA;
DTM*002*19980230;
DTM*010*19980130;
CTT*2;
SE*21*000000001;

ANSI X12
Purchase Order (850) Transaction Set
Version 004010
Paper Example - Basic Order

Header Area

Order Type : Original Order
PO Number : 410249A
PO Date : 10/12/1998

Order Notes : THIS IS A TEST TRANSMISSION

KB toys-Assigned Vendor Number : 4343
Letter of Credit Number : N/A

Buyer Name : John Doe
Buyer Phone Number : (413) 496-3000

F.O.B. Instructions : Prepaid

Allowance Type : Advertising Allowance
Allowance Amount : \$4.37
Allowance Off Net or Gross : Net
Allowance Percent : 1%

Payment Terms : Net 60 days

Cancel After Date : 02/30/1998

Ship-to Location : KB toys Distribution Center #991

Detail Area

PO Line Item Number : 1
Order Quantity : 40 Pieces (Each)
Unit Price : \$9.91
KB toys Long SKU : 4343899559
KB toys Short SKU : 368435
Product Description : Bulldozer

Number of Inner Packs : 10
Quantity per Inner Pack : 4

Delivery Requested : 02/30/1998
Ship When : 01/30/1998

**Purchase Order (850) Transaction Set
Version 004010
Paper Example - Basic Order (continued)**

PO Line Item Number	:	2
Order Quantity	:	6 Pieces (Each)
Unit Price	:	\$6.81
KB toys Long SKU	:	4343616177
KB toys Short SKU	:	368435
Product Description	:	Basic Tote
Number of Inner Packs	:	1 (No inner packs)
Quantity per Inner Pack	:	6
Delivery Requested	:	02/30/1998
Ship When	:	01/30/1998

ANSI X12
Purchase Order (850) Transaction Set
Version 004010
X12 Example - Spreadsheet Order

NOTE: The asterisk (*) and semicolon (;) are used in the examples to enhance the segment readability. These characters should not be sent in test or production transmissions to KB toys (see Section 5.1.4 Delimiters).

ST*850*000000002;
BEG*00*SA*410248Q**19981012;
REF*IA*4343;
PER*BD*JOHN DOE*TE*4134963000;
FOB*CC;
ITD*****NET 60;
DTM*001*19980230;
N9*ZZ**NOTES;
MSG*THIS IS A TEST TRANSMISSION;
PO1*1*4*EA*9.29*CB*4343900134;
PID*F****LG BR TOTE;
PO4*1*4*EA;
SDQ*EA*92*0101*2*1200*2;
DTM*002*19980310;
DTM*010*19980230;
PO1*2*6*EA*4.15*CB*4343819979;
PID*F****PLANE;
PO4*1*6*EA;
SDQ*EA*92*0101*3*1200*1*0904*2;
DTM*002*19980220;
DTM*010*19980215;
CTT*2;
SE*20*000000002;

ANSI X12
Purchase Order (850) Transaction Set
Version 004010
Paper Example - Spreadsheet Order

Header Area

Order Type : Original Order
PO Number : 410248Q
PO Date : 10/12/1998

Order Notes : THIS IS A TEST TRANSMISSION

KB toys-Assigned Vendor Number : 4343

Buyer Name : John Doe
Buyer Phone Number : (413) 496-3000

F.O.B. Instructions : Collect

Payment Terms : Net 60 days

Cancel After Date : 02/30/1998

Detail Area

PO Line Item Number : 1
Order Quantity : 4 Pieces (Each)
Unit Price : \$9.29
KB toys Long SKU : 4343900134
KB toys Short SKU : 368439
Product Description : Lg Br Tote

Number of Inner Packs : 1 (No inner packs)
Quantity per Inner Pack : 4

Ship-to Location : KB toys Store #0101
Ship-to Quantity : 2

Ship-to Location : KB toys Store #1200
Ship-to Quantity : 2

Requested Delivery : 03/10/1998
Ship When : 02/30/1998

**Purchase Order (850) Transaction Set
Version 004010
Paper Example - Spreadsheet Order (continued)**

PO Line Item Number : 2

Order Quantity : 6 Pieces (Each)
Unit Price : \$4.15
KB toys Long SKU : 4343819979
KB toys Short SKU : 368438
Product Description : Plane

Number of Inner Packs : 1 (No inner packs)
Quantity per Inner Pack : 6

Ship-to Location : KB toys Store #0101
Ship-to Quantity : 3

Ship-to Location : KB toys Store #1200
Ship-to Quantity : 1

Ship-to Location : KB toys Store #0904
Ship-to Quantity : 2

Requested Delivery : 02/20/1998
Ship When : 02/15/1998

Purchase Order (850) Transaction Set
4010 to 3040/3050 Segment Conversion

MSG SEGMENT (4010)	NTE SEGMENT (3040/50)	DESCRIPTION
MSG01	NTE02	Free Form Message

** NOTE: all dates are now 8 digits, format is CCYYMMDD; Century, Year, Month and Day.