



RANDOM HOUSE

EDI Implementation Guide

850 Purchase Order
X12 Version 4010

Effective: 6-26-2006

Random House EDI



850 Purchase Order

Notes:

- The Random House EDI Implementation Guide for the 850 transaction documents only the segments and elements used by the RH EDI system. There are additional segments and elements valid for the 850 (version 4010). Segments and elements not listed in this documentation can be included but will not be processed by the standard RH EDI programs.



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ST Transaction Set Header

Indicates the start of a transaction set and assigns a control number.
(Mandatory)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
ST01	143	Transaction Set Identifier Code 850 Purchase Order
ST02	329	Transaction Set Control Number Assigned sequentially by the sender to uniquely identify the transaction set

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BEG Beginning Segment for Purchase Order

Indicates the beginning of the Purchase Order Transaction Set and transmits identifying numbers and dates.
(Mandatory)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
BEG01	353	Transaction Set Purpose Code 00 Original
BEG02	92	Purchase Order Type Code NE New Order
BEG03	324	Purchase Order Number Assigned by sender
BEG05	373	Date Purchase order date assigned by the sender. Format is CCYYMMDD

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REF Reference Identification
Specifies identifying information.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
REF01	128	Reference Identification Qualifier PD Promotion Number DP Department Number IA Internal Vendor Number
REF02	127	Reference Identification Promotion, department or internal vendor number.

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CSH Sales Requirements

Specifies header level conditions or requirements of the sales such as backorder instructions.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
CSH01	563	Sales Requirement Code
		B Backorder Not Yet Published (NYP) and Out of Stock titles
		N No backorders except for Not Yet Published (NYP) titles <i>Note: Out of stock titles will not be backordered.</i>
		O Backorder Not Yet Published (NYP) and Out of Stock titles
		Y Backorder Not Yet Published (NYP) and Out of Stock titles
		Z Backorder hot titles and Not Yet Published (NYP) only

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DTM Date/Time Reference

Specifies pertinent dates such as order cancel by date or requested delivery date.
(Optional)

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
DTM01	374	Date/Time Qualifier 001 Cancel after 037 Ship not before 038 Ship no later 074 Requested delivery date
DTM02	373	Date Format is CCYYMMDD

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N1 Name

Specifies additional name and address information for billing, labeling, or shipping.
(Mandatory)

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
N101	98	Name Identifier Code BT Bill-to party ST Ship-to BS Bill-to and ship-to the same
N103	66	Identification Code Qualifier 01 DUNS Number 15 SAN (preferred by Random House) 92 Assigned by buyer
N104	67	Identification Code

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PO1 Baseline Item Data
 Specifies line item data.
 (Mandatory)

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>
PO101	350	Identification Line item number assigned by sender.
PO102	330	Quantity Ordered
PO103	355	Unit of Measurement Code EA Each UN Unit (preferred by Random House)
PO104	212	Unit Price Unit price can show up to 4-decimals Price and discount information supplied on a purchase order is for reporting purposes only and is not used to determine the final invoice price. Discount and price are determined by the Random House customer file as defined by purchase order agreements between the customer and Random House.
PO105	639	Base of Unit Price Code NT Net (discounted) unit price (preferred by Random House) PE Price per Each SR Suggested list price
PO106*	235	Product ID Qualifier IB ISBN (10-digit) EN EAN (13-digit) UK GTIN (14-digit)
PO107*	234	Product identifying number
PO108*	235	Product ID Qualifier IB ISBN (10-digit) EN EAN (13-digit) UK GTIN (14-digit)
PO109*	234	Product identifying number
PO110*	235	Product ID Qualifier IB ISBN (10-digit) EN EAN (13-digit) UK GTIN (14-digit)
PO111*	234	Product identifying number

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PO112*	235	Product ID Qualifier IB ISBN (10-digit) EN EAN (13-digit) UK GTIN (14-digit)
PO113*	234	Product identifying number

* PO106 thru PO125 provide for 10 different product IDs for each item such as UPC code, SKU number, and ISBN number. We prefer IB and EN and in 2007 EN will be required.

- RH accepts ISBN-10 (qualifier IB), ISBN-13 (qualifier EN) or GTIN-14 (qualifier UK). More than one product code may be sent and they can be provided in any of the following locations of the PO1 segment:
 - PO1-06/07, PO1-08/09, PO1-10/11, PO1-12/13
- If multiple product codes are sent, only one will be used for order processing purposes. The product code used for order processing will be selected in the following order:
 - 1 - GTIN-14 (UK)
 - 2 - ISBN-13 (EN)
 - 3 - ISBN-10 (IB)

Examples of valid PO1 segments that are accepted Random House:

PO1|1|2|UN|17|UN|IB|0679805273

PO1|2|4|UN|18|UN|IB|0375762671|EN|9780375762673|UK|09780375762673

PO1|3|10|UN|18.5|UN|UK|09780091275211

PO1|4|5|UN|12.95|UN|EN|9780385265843|UK|09780385265843|IB|0385265840

PO1|5|30|UN|2.99|UN|EN|9780307021687

PO1|6|2|UN|22.95|UN|IB|0375505571|EN|9780375505577|UK|09780375505577

PO1|7|15|UN|35|UN|IB|0375506047|EN|9780375506048

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CTT Transaction Totals

Transmits a hash total for a specific element in the transaction set.

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
CTT01	354	Number of Line Items Number of PO1 segments in the transaction (PO)
CTT02	347	Hash Total Number of total units in the transaction (PO)

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SE Transaction Set Trailer

Indicates the end of the transaction set and provides a count of the transmitted segments, including the beginning ST and ending SE segments.

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>
SE01	96	Number of Included Segments Total number of records in the transaction (PO)
SE02	329	Transaction Set Control Number Sequential number assigned by the sender; will be the same as the control number in ST02

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Sample 850 Purchase Order Transaction

ST*850*0001
BEG*00*NE*PONUMBER**20060515
REF*PD*PROMONUMBER
CSH*Y
DTM*001*20060530
N1*ST*NAME*15*SANNUMBER
PO1*1*24*UN*7.475*NT*IB*0767904842*EN*9780767904841
PO1*2*48*UN*5.975*NT*IB*076790592X*EN*9780767905923
PO1*3*48*UN*8.475*NT*IB*0812966007*EN*9780812966008
CTT*3*120
SE*11*0001