

810 Invoice

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:

The Boscov's EDI 810 guide outlines the specific business rules and functional requirements that apply to Boscov's.

Shipping information (Ship-to, Bill-to, Ship-from, Carrier/routing) will be communicated in the Heading unless it can vary from one PO line to the next, in which case it will be communicated in the Detail. This affects the DTM and TD5 segments and the N1 loop.

MESSAGE PURPOSE AND BUSINESS RULES:

The Boscov's 810 conveys all information necessary to fulfill a drop ship order originating with this retailer.

Boscov's - 810

DATA ELEMENT REQUIREMENTS AND USAGE:

The following User Attributes are employed in this document:

- M - Mandatory by the X12 standard.
- M/U - Must be used to meet the Boscov's requirements
- D - Dependent
- R - Recommended

Any element not marked with one of the above indicators indicates that Boscov's has the ability to include this information in the purchase order but does not guarantee that it will always be included. Your system needs to be able to handle these segments/elements correctly.

Boscov's - 810 Attribute No. ID	Pos. Notes and ID	Seg. Name	Des.	Req. Max. Use	Repeat	Loop Comments
M	010	ST	Transaction Set Header	M	1	
M	020	BIG	Beginning Segment for Invoice	M	1	

Detail:

Boscov's - 810 Attribute No. ID	Pos. Notes and ID	Seg. Name	Des.	Req. Max. Use	Repeat	Loop Comments
		LOOP ID - IT1				200000
M/U	010	IT1	Baseline Item Data (Invoice)	O	1	

Summary:

Boscov's - 810 Attribute No. ID	Pos. Notes and ID	Seg. Name	Des.	Req. Max. Use	Repeat	Loop Comments
M	010	TDS	Total Monetary Value Summary	M	1	
		LOOP ID - SAC				2 5
	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
M	080	SE	Transaction Set Trailer	M	1	

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Segment: **ST** Transaction Set Header

Position: 010

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Comments:

Notes: EXAMPLE: ST*810*0001

Data Element Summary

User Attribute	Ref. Des.	Data Element Name	Attributes
M	ST01	143 Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set 810 Invoice	
M	ST02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

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Segment: **BIG** Beginning Segment for Invoice

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes: 1 BIG01 is the invoice issue date.

2 BIG03 is the date assigned by the purchaser to purchase order.

3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments: 1 BIG07 is used only to further define the type of invoice when needed.

Notes: EXAMPLE: BIG*20000425*12351199**78965

Data Element Summary

User Attribute	Ref. Des.	Data Element	Name	Attributes
M	BIG01	373	Date Invoice Issue Date expressed as CCYYMMDD	M DT 8/8
M	BIG02	76	Invoice Number Identifying number assigned by issuer	M AN 1/22
M/U	BIG04	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22

User Note: PO Number has up to 6-Digits (do not use leading zeros)

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Segment: **IT1** **Baseline Item Data (Invoice)**

Position: 010

Loop: IT1 Optional (Must Use)

Level: Detail

Usage: Optional (Must Use)

Max Use: 1

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Syntax Notes: 1 If any of IT102 IT103 or IT104 is present, then all are required.

2 If either IT106 or IT107 is present, then the other is required.

Semantic Notes: 1 IT101 is the purchase order line item identification.

Comments: 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.

2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

3 Vendors transmitting 810 documents to Boscov's in PRODUCTION prior to 5/1/2017, the IT106 and IT107 elements are optional.

Notes: EXAMPLE: IT1*02*1*EA*25.75**UP*999999999991

Data Element Summary				
User Attribute	Ref. Des.	Data Element Name	Attributes	
M/U	IT101	350 Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O	AN 1/20
M/U	IT102	358 Quantity Invoiced Number of units invoiced (supplier units)	X	R 1/10
M	IT103	355 Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	M	ID 2/2
M/U	IT104	212 Unit Price Price per unit of product, service, commodity, etc.	X	R 1/17
M	IT106	235 Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP U.P.C. Consumer Package Code	M	ID 2/2
M	IT107	234 Product/Service ID Description: Identifying number for a product or service	M	AN 12/13

Segment: TDS Total Monetary Value Summary

Position: 010

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To specify the total invoice discounts and amounts

Syntax Notes:

- Semantic Notes:**
- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
 - 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
 - 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
 - 4 TDS04 indicates the total amount of terms discount.

Comments: 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Notes: EXAMPLE: TDS*12575

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element Name</u>	
M	TDS01	610 Amount	M N2 1/15

Monetary amount

* Total invoice amount

Segment: SAC Service, Promotion, Allowance, or Charge Information

Position: 040

Loop: SAC Optional

Level: Summary

Usage: Optional

Max Use: 1

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

- Syntax Notes:**
- 1 At least one of SAC02 or SAC03 is required.
 - 2 If either SAC03 or SAC04 is present, then the other is required.
 - 3 If either SAC06 or SAC07 is present, then the other is required.
 - 4 If either SAC09 or SAC10 is present, then the other is required.
 - 5 If SAC11 is present, then SAC10 is required.
 - 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
 - 7 If SAC14 is present, then SAC13 is required.
 - 8 If SAC16 is present, then SAC15 is required.

- Semantic Notes:**
- 1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
 - 2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
 - 3 SAC08 is the allowance or charge rate per unit.
 - 4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
 - 5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
 - 6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
 - 7 SAC16 is used to identify the language being used in SAC15.

- Comments:**
- 1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
 - 2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: EXAMPLES: SAC*C*C040***525
SAC*C*D500***125

* This segment should only be used to communicate a credit allowance or to communicate charges not reported at the Detail level

Data Element Summary

User Attribute	Ref. Des.	Data Element Name	Attributes
M	SAC01	248 Allowance or Charge Indicator	M ID 1/1
		C	Charge

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M/U	SAC02	1300 Service, Promotion, Allowance, or Charge Code	X ID 4/4
		Code identifying the service, promotion, allowance, or charge.	
		C040	Delivery
		D500	Handling
		D240	Freight
		H770	Tax – State Tax
M/U	SAC05	610 Amount	O N2 1/15
		Monetary amount	

Segment: **SE** Transaction Set Trailer

Position: 080

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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)

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Notes: EXAMPLE: SE*11*0001

Data Element Summary

<u>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element Name</u>	<u>Attributes</u>
M	SE01	96 Number of Included Segments	M NO 1/10
		Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	