

**KOHL'S 810 – INVOICE  
PROGRAMMER'S REFERENCE GUIDE**

**VERSION 4010VICS**

**Effective: February 4, 2007**

## 810 - INVOICE

Within the retail industry, there exists two uses of the retail invoice document: Detail Invoicing and Consolidated Invoicing. Kohl's processes its invoices at the detail level, addressing both by-store and bulk invoices. **Detail invoices will NOT contain any common batch or CI (consolidated invoice) numbers.** Kohl's neither expects nor wishes to receive Consolidated Invoices in response to retail 850 Purchase Orders.

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**Segment: ISA - Interchange Header**

**Level: Envelope**

**Usage: Mandatory**

**Purpose: To start and identify an interchange of one or more functional groups and interchange related segments.**

----Data Element Summary-----

<u>Ref. Des.</u>	<u>Data Elements</u>	<u>Name</u>	<u>Attributes</u>
ISA01	I01	Authorization Information Qualifier	M ID 2/2
	'00'	<b>No Authorization Information Present</b>	
ISA02	I02	Authorization Information	M AN 10/10
ISA03	I03	Security Information Qualifier	M ID 2/2
	'00'	<b>No Security Information Present</b>	
ISA04	I04	Security Information	M AN 10/10
ISA05	I05	Interchange ID Qualifier	M ID 2/2
	'01'	<b>DUNNS (Dun and Bradstreet)</b>	
	'08'	<b>UCC (UCC Council)</b>	
	'12'	<b>Phone Number</b>	
	'13'	<b>UCS Code</b>	
ISA06	I06	Interchange Sender ID	M ID 15/15
ISA07	I05	Interchange ID Qualifier	M ID 2/2
	'12'	<b>Phone Number</b>	
ISA08	I07	Interchange Receiver ID	M ID 15/15
	14147844480	<b>GE Global eXchange Services</b>	
	4147037000	<b>GE Global eXchange Services</b>	
ISA09	I08	Date	M DT 6/6
ISA10	I09	Time	M TM 4/4
ISA11	I10	Interchange Standards Identifier	M ID 1/1
	'U'	<b>U.S. EDI Community of X12</b>	
ISA12	I11	Interchange Version ID	M ID 5/5
	'00401'	<b>The Current Value</b>	
ISA13	I12	Interchange Control Number	M NO 9/9
ISA14	I13	Acknowledgement Requested	M ID 1/1
	'0'	<b>No Acknowledgement Requested</b>	
ISA15	I14	Test Indicator	M ID 1/1
	'P'	<b>Production Data</b>	
	'T'	<b>Test Data</b>	
ISA16	I15	Subelement Separator	M AN 1/1

**Segment: GS - Functional Group Header**

**Level: Envelope**

**Usage: Mandatory**

**Purpose: To indicate the beginning of a functional group and to provide control information.**

----Data Element Summary----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
GS01	479	Functional ID	M ID 2/2
<b>'IN'</b>		<b>Invoice</b>	
GS02	142	Application Sender's Code	M AN 2/12
GS03	124	Application Receiver's Code	M AN 2/12
<b>14147844480</b>		<b>GE Global eXchange Services</b>	
<b>4147037000</b>		<b>GE Global eXchange Services</b>	
GS04	29	Data Interchange Date	M DT 8/8
GS05	30	Data Interchange Time	M TM 4/8
GS06	28	Data Interchange Control Number	M NO 1/9
GS07	455	Responsible Agency Code	M ID 1/2
<b>'X'</b>		<b>Accredited Standards Committee X12</b>	
GS08	480	Version	M ID 1/12
<b>'004010VICS'</b>			

**Segment:** ST - Transaction Set Header  
**Level:** Header  
**Loop:** \_\_\_\_\_  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number.

----Data Element Summary----

<u>Ref. Desc.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code	M ID 3/3
		<b>'810' Invoice</b>	
ST02	329	Transaction Set Control Number	M AN 4/9

**Segment:** BIG - Beginning Segment for Invoice

**Level:** Header

**Loop:**

**VICS Usage:** Mandatory

**Kohl's Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of the invoice transaction set and to transmit identifying numbers and dates.

----Data Element Summary----

Ref. Des.	Data Element	Name	Attributes
BIG01	245	Invoice Date	M DT 8/8
	'CCYYMMDD'	Invoice Issue Date	
BIG02	76	Invoice Number	M AN 1/22
		Identifying number assigned by issuer	
BIG03	323	Purchase Order Date	O DT 8/8
	'CCYYMMDD'	Retailer's original Purchase Order date	
BIG04	324	Purchase Order Number	M AN 1/22
		Retailer's original Purchase Order number	
BIG10	76	Invoice Number	O AN 1/22
		(Consolidated Invoice associated with this invoice, i.e. the invoice to which this invoice has been consolidated. NOTE: Kohl's does not accept Consolidated Invoices, so if a value appears in this field the invoice will be rejected in error)	

**Segment:** N1 - Name  
**Level:** Header  
**Loop:** N1 Repeat: 200  
**VICS Usage:** Optional  
**Kohl's Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name and code

---Data Element Summary---

Ref. Des.	Data Element	Name	Attributes
N101	98	Entity ID Code	M ID 2/3
	'BY' 'ST' 'RI'	Buying Party Ship to Remit To	
N102	93	Name	C AN 1/60
	'Vendor or Factor Name'	(For "Remit To")	
N103	66	ID Code Qualifier	C ID 1/2
	'92' '1 ' or '9 '	Assigned By Buyer (DC Nbr or Store Nbr) Vendor/Factor DUNS	
N104	67	ID Code	C AN 2/80
	'###' '999999999' + '9999'	Kohl's Distribution Center Number or Store Number if for a Direct to Store order Appropriate Vendor/Factor DUNS Typically we expect a 9 digit Duns number + 4	

Example:

When N101 = 'BY' or 'ST'  
 Then N103 = '92'  
 N104 = valid Distribution Center Number or Store Number

When N101 = 'RI'  
 Then N102 = remit-to name  
 N103 = '1 ' or '9 '  
 N104 = valid DUNS number

**KOHL'S has multiple Distribution Centers. We are assuming that our vendors know the relationships between the Stores and each of the DC's.**

- For **Pack by Store (Mark for Store)** invoices, the value in the N104 field must be the Store's valid Kohl's five digit Distribution Center number, for example, 00830.
- For **Import and Landed** invoices, the value in the N104 field must now be the Kohl's five digit "00899" corporate location number instead of a Kohl's Distribution Center number. **Important Note, "00899" is NOT a valid physical "Ship To" location but an internal accounting location.** Trading partners should not ship goods to this corporate location.
- A store number will only be accepted in the N104 field on a **Direct to Store** invoice.



**Segment:** N3 - Address Information  
**Level:** Header  
**Loop:** N1  
**VICS Usage:** Optional  
**Kohl's Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party.

---Data Element Summary---

Ref. Des. ---	Data Element -----	Name ----	Attributes -----
N301	166	Address Information <b>Address Information</b>	M AN 1/55
N302	166	Address Information <b>Address Information</b>	O AN 1/55

**NOTE:** This segment is recommended only when N101 = 'RI'

**Segment:** N4 - Geographic Location  
**Level:** Header  
**Loop:** N1  
**VICS Usage:** Optional  
**Kohls Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic location for the named party.

---Data Element Summary---

Ref. Des. ---	Data Element -----	Name ----	Attributes -----
N401	19	City Name	O AN 2/30
		<b>Free-form text for city name</b>	
N402	156	State or Province Code	O ID 2/2
		<b>Required only if the city name is in the USA or Canada</b>	
N403	116	Postal Code	O ID 3/15
		<b>International postal zone code, excluding punctuation and blanks</b>	
N404	26	Country Code	O ID 2/3
		<b>Identifying the country</b>	

**NOTE:** This segment is recommended only when N101 = 'RI'

**Segment:** ITD - Terms of Sale / Deferred Terms of Sale

**Level:** Header

**Loop:** \_\_\_\_\_

**VICS Usage:** Optional

**Kohls Usage:** Optional

**Max Use:** > 1

**Purpose:** To specify terms of sale.

---Data Element Summary---

Ref. Des.	Data Element	Name	Attributes
ITD01	336	Terms Type Code	O ID 2/2
		<b>01 - Basic</b>	<b>08 - Basic Discount</b>
		<b>02 - End of Month</b>	<b>09 - Proximo</b>
		<b>03 - Fixed Date</b>	<b>10 - Instant</b>
		<b>04 - Deferred/Installment</b>	<b>11 - Elective</b>
		<b>05 - No Discount</b>	<b>12 - 10 Days EOM</b>
		<b>06 - Mixed</b>	
		<b>07 - Extended</b>	
ITD02	333	Terms Basis Date Code	O ID 1/2
		<b>Beginning of terms period.</b>	
	'1'	<b>Ship Date (DTM01 must = '011')</b>	
	'2'	<b>Delivery Date (Receipt of Goods) (DTM01 must = '002')</b>	
	'3'	<b>Invoice Date (BIG01)</b>	
	'7'	<b>Effective Date (DTM01 must = '007')</b>	
ITD03	338	Terms Discount Percent	O R 1/6
		<b>Percentage off invoice total allowed as discount.</b>	
ITD04	370	Terms Discount Due Date	C DT 8/8
		<b>Date payment is due, if discount is to be earned.</b>	
ITD05	351	Terms Discount Days Due	C N0 1/3
		<b>Number of days in the terms period (beginning as specified in ITD02) during which payment is due in order to earn the terms discount.</b>	
ITD06	446	Terms Net Due Date	O DT 8/8
		<b>Date when the total invoice amount (NET) becomes due.</b>	
ITD07	386	Terms Net Days	O N0 1/3
		<b>Number of days in the terms period (beginning as specified in ITD02) until the total invoice amount (NET) becomes due. (Discount not applicable.)</b>	
ITD08	362	Terms Discount Amount	O N2 1/10
ITD09	388	Terms Deferred Due Date	O DT 8/8
		<b>Date by which the deferred payment, or percent of invoice payable is due.</b>	
ITD10	389	Deferred Amount Due	C N2 1/10
		<b>Deferred amount due for payment.</b>	
ITD11	342	Percent of Invoice Payable	C R 1/5
		<b>Amount of invoice payable, expressed in percent.</b>	

**NOTE:** When sending a freight charge, send the discount as an amount (ITD08), not as a percentage (ITD03).

**Segment:** DTM - Date/Time Reference  
**Level:** Header  
**Loop:** \_\_\_\_\_  
**VICS Usage:** Optional  
**Kohl's Usage:** Conditional on ITD segment  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times.

---Data Element Summary---

Ref. Des. ---	Data Element -----	Name ----	Attributes -----
DTM01	374	Date/Time Qualifier	M ID 3/3
	'002'	Delivery Date (For terms: ITD02 = '2 ')	(Receipt of Goods)
	'007'	Effective Date (For terms: ITD02 = '7 ')	
	'011'	Shipped (For terms: ITD02 = '1 ')	
DTM02	373	Date	C DT 8/8
	'CCYYMMDD'		

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

**Level:** Detail

**Loop:** IT1 Repeat: 200000

**VICS Usage:** Mandatory

**KOHL'S Usage:** Mandatory

**Purpose:** To specify frequently used line item data for the invoice and related transactions.

----Data Element Summary----

Ref. Des.	Data Element	Name	Attributes
IT101	350	Assigned Identification <b>Line Item Number</b>	O AN 1/20
IT102	358	Quantity Invoiced	C R 1/10
IT103	355	Unit of Measurement Code <b>Each</b> <b>Package</b> <b>Pairs</b> <b>Sets</b> <b>Assortment</b>	C ID 2/2
IT104	212	Unit Price (Cost) <b>Cost amount per unit specified.</b> <i>The price should be sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29"</i>	C R 1/17
IT105	639	Basis of Unit Price Code <b>No Charge</b> <b>Wholesale Each</b>	O ID 2/2
IT106	235	Product/Service ID Qualifier <b>UPC Code</b> <b>EAN - European Article Number</b> <b>Buyers Catalog Number</b> <b>Vendor's Style Number</b> <b>Vendor Color Code</b> <b>Vendor Size Code</b>	C ID 2/2
IT107	234	Product/Service ID <b>12 digit UPC or 13 digit EAN</b> <b>7 digit (Dept/Class/Sub Class)</b> <b>20 Character Vendor Style</b> <b>3-digit Color Code</b> <b>5-digit Size Code</b>	C AN 1/48
IT108	235	Product/Service ID Qualifier	C ID 2/2
IT109	234	Product/Service ID	C AN 1/48
IT110	235	Product/Service ID Qualifier	C ID 2/2
IT111	234	Product/Service ID	C AN 1/48.
IT112	235	Product/Service ID Qualifier	C ID 2/2
IT113	234	Product/Service ID	C AN 1/48
IT114	235	Product/Service ID Qualifier	C ID 2/2
IT115	234	Product/Service ID	C AN 1/48

IT116 thru IT125 are not used by KOHL'S.

NOTE: UPC codes are required. Vendor style number, color code and size code should also be transmitted if available. The CB element is not required. Invoices being transmitted with only the CB element (no UPC or no Vendor Style) will be rejected.

If IT103 is 'AS' for Assortment then IT104 must be the cost of a pack. Cost of the pack is the sum of (SLN04 multiplied by SLN06). This is mandatory.

Additional IT1 segment notes are continued on the next page.

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

**Level: Detail**

**Loop: IT1 Repeat: 200000**

**VICS Usage: Mandatory**

**KOHL'S Usage: Mandatory**

**Purpose: To specify frequently used line item data for the invoice and related transactions.**

- 850 purchase orders are defined as assortment pack when the PO103 field contains a value of AS. The PO1 will contain the pack UPC number. The item UPC numbers will be described in the SLN segment (PO1/SLN loop).
- It is a requirement that when invoicing an assortment pack that the IT103 is AS and the IT107 reflects the pack UPC number. The IT1/SLN loops would contain the item UPC numbers.
- Kohl's prefers that vendors send Pack and Item level segments for Prepack purchase orders. However, we will be able to process invoices which contain just Pack level segment data (IT103 is AS, but no IT1/SLN loops are sent), or just Item level segment data (IT103 is EA and no IT1/SLN loops sent).
- If one or more items cannot be invoiced as pack then all the items need to be invoiced individually. The IT103 would be EA and the IT107 must contain the item UPC number. The unit cost would reflect the cost for each item.

**Segment:** PID - Product/Item Description  
**Level:** Detail  
**Loop:** IT1/PID Repeat: 1000  
**VICS Usage:** Optional  
**Kohl's Usage:** Conditional on whether IT1 includes vendor style, vendor color, and/or vendor size codes.  
**Max Use:** 1  
**Purpose:** To describe a product or process in free-form format.

----Data Element Summary----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
PID01	349	Item Description Type	M ID 1/1
	'F'	<b>Free-Form Description</b>	
PID02	750	Product Characteristic Code	O ID 2/3
	'08'	<b>Product (Vendor Style Description)</b>	
	'73'	<b>Vendor Color Description</b>	
	'74'	<b>Vendor Size Description</b>	
PID05	352	Description	C AN 1/80
		<b>25 Character Vendor Style Description</b>	
		<b>25 Character Vendor Color Description</b>	
		<b>25 Character Vendor Size Description</b>	

**NOTE:** There may be 0 to 3 occurrences of this segment depending on what, if any, descriptions are available to the vendor.

**Segment: SLN – Subline Item Detail**

**Level: Detail**

**Loop: IT1/SLN**

**Usage: Mandatory**

**Max Use: 1000**

**Purpose: To specify product subline detail item data..**

**--- Data Element Summary ---**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>VICS Attributes</u>
SLN01	350	Assigned Identification	M AN 1/20
SLN03	662	Relationship Code <b>I Included</b>	M ID 1/1
SLN04	380	Quantity	C R 1/15
SLN05	355	Unit of Measurement Code <b>EA Each</b>	M ID 2/2
SLN06	212	Unit Price (Cost) <i>The price will be sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".</i>	C R 1/17
SLN09	235	Product / Service ID Qualifier <b>UP UPC Code</b> <b>EN EAN – European Article Number</b> <b>VA Vendor's Style Number</b> <b>CB Buyer's Catalog Number (Kohl's Dept/Class/SKU)</b> <b>BO Buyer's Color</b> <b>IZ Buyer's Size</b> <b>IN Box ID</b> <b>CM Buyers Color (Import Only)</b> <b>SM Buyers Size (Import Only)</b>	C ID 2/2
SLN10	234	Product / Service ID	C AN 1/48
SLN11	235	Product / Service ID Qualifier	C ID 2/2
SLN12	234	Product / Service ID	C AN 1/48
SLN13	235	Product / Service ID Qualifier	C ID 2/2
SLN14	234	Product / Service ID	C AN 1/48
SLN15	235	Product / Service ID Qualifier	C ID 2/2
SLN16	234	Product / Service ID	C AN 1/48
SLN17	235	Product / Service ID Qualifier	C ID 2/2
SLN18	234	Product / Service ID	C AN 1/48

- **This segment/loop will only be sent if IT1103 = 'AS'. There may be 1 – many occurrences of this segment/loop depending on the number of unique items in the pre-pack.**
- **SLN04 represents the item quantity per assortment pack described in IT1 segment.**

NOTE: UPC codes are required. Vendor style number, color code and size code should also be transmitted if available. The CB element is not required. Invoices being transmitted with only the CB element (no UPC or no Vendor Style) will be rejected.



**Segment:** PID - Product/Item Description  
**Level:** Detail  
**Loop:** IT1/SLN Repeat: 1000  
**VICS Usage:** Optional  
**Kohl's Usage:** Conditional on whether IT1 includes vendor style, vendor color, and/or vendor size codes.  
**Max Use:** 1  
**Purpose:** To describe a product or process in free-form format.

----Data Element Summary----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
PID01	349	Item Description Type	M ID 1/1
'F'		<b>Free-Form Description</b>	
PID02	750	Product Characteristic Code	O ID 2/3
'08'		<b>Product (Vendor Style Description)</b>	
'73'		<b>Vendor Color Description</b>	
'74'		<b>Vendor Size Description</b>	
PID05	352	Description	C AN 1/80
		<b>25 Character Vendor Style Description</b>	
		<b>25 Character Vendor Color Description</b>	
		<b>25 Character Vendor Size Description</b>	

**NOTE:** There may be 0 to 3 occurrences of this segment depending on what, if any, descriptions are available to the vendor.

➤ PID at the SLN loop is only used when IT103 is 'AS'.

**Segment:** TDS - Total Monetary Value Summary  
**Level:** Summary  
**Loop:** \_\_\_\_\_  
**VICS Usage:** Mandatory  
**Kohls' Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify the total invoice discounts and amounts.

----Data Element Summary----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
TDS01	610	Total Invoice Amount	M N2 1/15
		<b>Amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).</b>	
TDS02	610	Amount Subject to Terms Discount	O N2 1/15
		<b>Amount upon which the terms discount amount is calculated.</b> (Required if the dollar value subject to discount is not equal to the dollar value of TDS01.)	
TDS03	610	Discounted Amount Due	O N2 1/15
		<b>Amount of invoice due, if paid by terms discount due date (total invoice or installment amount, less cash discount).</b>	
TDS04	610	Terms Discount Amount	O N2 1/15
		<b>Total Amount of the terms discount.</b>	

**Segment:** CAD - Carrier Detail  
**Level:** Summary  
**Loop:** \_\_\_\_\_  
**VICS Usage:** Optional  
**Kohls Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify transportation details.

----Data Element Summary----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
CAD04	140	Standard Carrier Alpha Code	C ID 2/4
CAD05	387	Routing	C AN 1/35
CAD07	128	Reference Number Qualifier	O ID 2/3
		<b>Bill of Lading Carrier Reference (PRO/Invoice)</b>	
CAD08	127	Reference Number	C AN 1/30
		<b>Maximum 16 characters</b>	

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

**Level:** Summary

**Loop:** SAC Repeat: 10

**VICS Usage:** Optional

**Kohls Usage:** Optional

**Max Use:** 1

**Purpose:** To specify Allowances, Charges, Services or other promotions.

----Data Element Summary----

Ref. Des.	Data Element	Name	Attributes
SAC01	248	Allowance Indicator	M ID 1/1

'A' Allowance  
 'C' Charge  
 'N' No Allowance or Charge  
 'P' Promotion

SAC02	1300	Service, Promotion, Allow., or Charge Code	C ID 4/4
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Valid Charge Codes:			Valid Allowance Codes:				
D240	Freight	G740	Service Charge	A260	Advertising Allowance	I170	Trade Discount
C000	Defective Allowance	I240	Transport & Setup	C300	Discount - Special (Trade Disc)	I250	Transport Charge
D500	Handling	G830	Shipping&Handling	C260	Discount Incentive	I260	Transport Direct Bill
D920	Insurance Fee	H090	Special Handling	C310	Discount	I280	Transport - Vendor
D980	Insurance	H730	Local Sales Tax	C540	Early Buy Allowance	I310	Truckload Discount
E560	Marking or Tagging	H750	State&Local Tax	E750	New Store Discount	I410	Unsaleable Merch
E950	1-Time License Fee	H770	State Tax	E800	No Return Credit Allowance	I530	Volume Discount
F180	Pallet			F670	Price & Marketing Allowance (Vendor Funding off invoice)		
F460	Postage			I570	Warehouse		
				F800	Promotional Allowance (Bridal Registry)		
				B720	Cooperative Advertising/Merchandising Allowance		

**Note:** A code of 'E750' in SAC02 will be used whenever there is a discount because the order is for new stores.  
 A code of 'C310' in SAC02 will be used whenever there is some other agreed upon discount.

SAC03	559	Agency Qualifier Code	C ID 2/2
		VI Voluntary Interindustry Communication Standards (VICS)	

SAC04	1301	Agency Service, Promotion, Allowance or Charge Code	C AN 1/10
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'TC' Ticketing Service

SAC05	610	Total Amount	O N2 1/15
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SAC06	378	Allowance/Charge Percent Qualifier	C ID 1/1
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'3' Discount Gross  
 (All allowances are off the gross price, including cash discount).

SAC07	332	Allowance /Charge Percent	C R 1/6
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SAC12	331	Allowance or Charge Method of Handling	O ID 2/2
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'02' Off Invoice  
 (The allowance or charge amount will be reflected in the total transaction amount. I.e. Total Invoice Amt = Merchandise Price + Charges - Allowances)

**Note:** SAC02 is required by Kohl's.

Note: Either the Allowance total amount (SAC05) OR the Allowance percent (SAC07) must be included. Kohl's does not accept both. Only one or the other should be sent, not both.

**Segment:** ISS - Invoice Shipment Summary  
**Level:** Summary  
**Loop:** \_\_\_\_\_  
**VICS Usage:** Optional  
**Kohls Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify summary details of total items shipped in terms of quantity, weight, and volume.

----Data Element Summary----

Ref. Des.	Data Element	Name	Attributes
ISS01	382	Number of Units Shipped	C R 1/10
		<b>Numeric value of total units shipped</b>	
ISS02	355	Unit or Basis of Measurement	C ID 2/2
		<b>A code to specify the manner in which the units are expressed</b>	
'CA'		Case	
'CT'		Carton	
'EA'		Each	
'CH'		Container	

**NOTE: Kohl's strongly encourages use of this segment.**

**Segment:** CTT - Transaction Totals  
**Level:** Summary  
**Loop:** \_\_\_\_\_  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set

----Data Element Summary----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
CTT01	354	Number of Line Items <b>Total number of IT1 segments (line items) in the transaction set</b>	M NO 1/6

**Segment:** SE - Transaction Set Trailer

**Level:** Summary

**Loop:** \_\_\_\_\_

**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).

---Data Element Summary---

<u>Ref.</u> <u>Des.</u>	<u>Data</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

**Segment:** GE - Group Control Trailer

**Level:** Envelope

**Usage:** Mandatory

**Purpose:** To indicate the end of a functional group and to provide control information

----Data Element Summary----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
GE01	97	Number of Included Transaction Sets	M NO 1/6
GE02	28	Data Interchange Control Number	M NO 1/9



**Segment:** IEA - Interchange Control Trailer

**Level:** Envelope

**Usage:** Mandatory

**Purpose:** To define the end of an interchange of one or more functional groups and interchange related control segments.

----Data Element Summary----

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
IEA01	I16	Number of Included Groups	M NO 1/5
IEA02	I12	Interchange Control Number	M NO 9/9

# Invoice Example #1

<u>Invoice Data Element Name</u>	<u>Data Value</u>	<u>VICS SEG ID</u>
Invoice Number	863201	BIG
Invoice Date	05/27/1998	BIG
Effective Date	06/06/1998	DTM
Original P.O. Date	06/03/1998	BIG
Customer Purchase Order	777221	BIG
Kohl's Customer Number	3999	REF
Kohl's Store Number	00142	N1
Ship To: Distribution Center	00085	N1
Mail-Remittance-To	Trinary Factors	N1
	123 Hollywood blvd	N3
	Los Angeles, CA 12003-1020	N4
	Country: US	N4
Dun and Bradstreet Number	9998888	N1
Lading Carrier Number	9876543	CAD
Standard Carrier Alpha Code	1234	CAD
Carrier	ABC	CAD
Cases	1	ISS
Terms	10%/10 eom	ITD
Product Information:		
I. UPC	1-23456-78901-2	IT1
Quantity Invoiced	10	IT1
Unit Price	9.00	IT1
II. UPC	1-23456-98765-2	IT1
Buyers Catalog Number	011-20-22	IT1
Vendor Style Code	B54321	IT1
Vendor Style Desc.	Desk Lamp	PID
Vendor Color Code	400	IT1
Color Description	Blue	PID
Vendor Size Code	55325	IT1
Size Description	Medium	PID
Quantity Invoiced	10	IT1
Unit Price	8.99	IT1
Total Merchandise Charges	179.90	TDS
Non-merchandise Charges	3.00	SAC
Total Net Amount Due	164.91	TDS
Total Terms Discount Amount	17.99	TDS
Total Invoice Amount	182.90	TDS
Payment Due Date	07/10/1998	ITD

**ST\*810\*0001**  
**BIG\*19980527\*863201\*19980603\*777221**  
**N1\*BY\*\*92\*00085**  
**N1\*ST\*\*92\*00085**  
**N1\*RI\*TRINARY FACTORS\*01\*00998888**  
**N3\*123 HOLLYWOOD BLVD**  
**N4\*LOS ANGELES\*CA\*120031020\*US**  
**ITD\*12\*7\*10\*19980710\*\*19980710**  
**DTM\*007\*19980606**  
**IT1\*1\*10\*EA\*9\*WE\*UP\*\*123456789012**  
**IT1\*2\*10\*EA\*8.99\*WE\*UP\*123456987652\*CB\*0112022\*VA\*B54321\*VE\*400\*SZ\*55325**  
**PID\*F\*08\*\*\*DESK LAMP**  
**PID\*F\*73\*\*\*BLUE**  
**PID\*F\*74\*\*\*MEDIUM**  
**TDS\*18290\*17990\*16191\*1799**  
**CAD\*\*\*\*1234\*ABC\*\*BM\*9876543**  
**SAC\*C\*D240\*\*TC\*300\*\*\*\*\*02**  
**ISS\*1\*CA**  
**CTT\*2**  
**SE\*21\*00016**

## Invoice Example #2 – Assortment

<u>Invoice Data Element Name</u>	<u>Data Value</u>	<u>VICS</u> <u>SEG ID</u>	
Invoice Number	863201	BIG	
Invoice Date	05/27/1998	BIG	
Effective Date	06/06/1998	DTM	
Original P.O. Date	06/03/1998	BIG	
Customer Purchase Order	777221	BIG	
Kohl's Customer Number	3999	REF	
Kohl's Store Number	00142	N1	
Ship To: Distribution Center	00085		N1
Mail-Remittance-To	Trinary Factors	N1	
	123 Hollywood blvd	N3	
	Los Angeles, CA 12003-1020	N4	
	Country: US	N4	
Dun and Bradstreet Number	9998888	N1	
Lading Carrier Number	9876543	CAD	
Standard Carrier Alpha Code	1234	CAD	
Carrier	ABC	CAD	
Cases	1	ISS	
Terms	10%/10 eom	ITD	
Product Information:			
Pack UPC	111111111111	IT1	
Number of Packs	15	IT1	
Pack Price	55.00	IT1	
I. UPC	1-23456-78901-2	SLN	
Buyers Catalog Number	011-20-22	SLN	
Vendor Style Code	B54321	SLN	
Vendor Style Desc.	Sports	PID	
Vendor Color Code	400	SLN	
Color Description	Blue	PID	
Vendor Size Code	55325	SLN	
Size Description	Small	PID	
Quantity Invoiced	2	SLN	
Unit Price	9.00	SLN	
II. UPC	1-23456-78901-3	SLN	
Buyers Catalog Number	011-20-21	SLN	SLN
Vendor Style Code	B54322	SLN	
Vendor Style Desc.	Sports	PID	
Vendor Color Code	300	SLN	
Color Description	Blue	PID	
Vendor Size Code	55326	SLN	
Size Description	Medium	PID	
Quantity Invoiced	3	SLN	
Unit Price	9.00	SLN	
III. UPC	1-23456-78901-4	SLN	SLN
Buyers Catalog Number	011-20-23	SLN	SLN
Vendor Style Code	B54323	SLN	
Vendor Style Desc.	Sports	PID	
Vendor Color Code	200	SLN	
Color Description	Blue	PID	
Vendor Size Code	55327	SLN	
Size Description	Medium	PID	
Quantity Invoiced	1	SLN	
Unit Price	10.00	SLN	
Total Merchandise Charges	825.00	TDS	
Non-merchandise Charges	3.00	SAC	
Total Net Amount Due	745.50	TDS	
Total Terms Discount Amount	82.50	TDS	
Total Invoice Amount	828.00	TDS	
Payment Due Date	07/10/1998	ITD	

## Invoice Example #2 – Assortment

ST\*810\*0001  
BIG\*19980527\*863201\*19980603\*777221  
N1\*BY\*\*92\*00085  
N1\*ST\*\*92\*00085  
N1\*RI\*TRINARY FACTORS\*01\*009998888  
N3\*123 HOLLYWOOD BLVD  
N4\*LOS ANGELES\*CA\*120031020\*US  
ITD\*12\*7\*10\*19980710\*\*19980710  
DTM\*007\*19980606  
IT1\*\*15\*AS\*55\*\*UP\*111111111111\*CB\*12345678 (Prepack cost is \$55 - IT104)  
SLN\*\*1\*\*I\*2\*EA\*9\*WE\*\*UP\*123456789012\*CB\*0112022\*VA\*B54321\*VE\*400\*SZ\*55325 (SLN04 x SLN06) (2 x 9) = 18  
PID\*F\*08\*\*\*SPORTS  
PID\*F\*73\*\*\*BLUE  
PID\*F\*74\*\*\*SMALL  
SLN\*\*1\*\*I\*3\*EA\*9\*WE\*\*UP\*123456789013\*CB\*0112021\*VA\*B54322\*VE\*300\*SZ\*55426 (SLN04 x SLN06) (3 x 9) = 27  
PID\*F\*08\*\*\*SPORTS  
PID\*F\*73\*\*\*BLUE  
PID\*F\*74\*\*\*MEDIUM  
SLN\*\*1\*\*I\*1\*EA\*10\*WE\*\*UP\*123456789014\*CB\*0112023\*VA\*B54323\*VE\*200\*SZ\*55427 (SLN04 x SLN06) (1 x 10) = 10  
PID\*F\*08\*\*\*SPORTS  
PID\*F\*73\*\*\*BLUE  
PID\*F\*74\*\*\*LARGE  
TDS\*828\*825\*74250\*8250 (TDS02 = \$55 (Prepack cost) x 15 (Number of prepacks invoiced) = \$825). TDS01 = \$825 + \$3 (Shipping SAC05)  
CAD\*\*\*\*1234\*ABC\*\*BM\*9876543  
SAC\*C\*D240\*\*TC\*300\*\*\*\*\*02  
ISS\*15\*CA  
CTT\*1  
SE\*21\*00016

## Example of Assortment with IT1\_103 as 'AS' and no SLN segments sent in file.

ST\*810\*0001  
BIG\*19980527\*863201\*19980603\*777221  
N1\*BY\*\*92\*00085  
N1\*ST\*\*92\*00085  
N1\*RI\*TRINARY FACTORS\*01\*009998888  
N3\*123 HOLLYWOOD BLVD  
N4\*LOS ANGELES\*CA\*120031020\*US  
ITD\*12\*7\*10\*19980710\*\*19980710  
DTM\*007\*19980606  
IT1\*\*15\*AS\*55\*\*UP\*111111111111\*CB\*12345678  
TDS\*828\*825\*74250\*8250  
CAD\*\*\*\*1234\*ABC\*\*BM\*9876543  
SAC\*C\*D240\*\*TC\*300\*\*\*\*\*02  
ISS\*15\*CA  
CTT\*1  
SE\*17\*00016

**Example of Assortment with IT1\_03 as 'EA' and no SLN segments sent in file.**

ST\*810\*0001  
BIG\*19980527\*863201\*19980603\*777221  
N1\*BY\*\*92\*00085  
N1\*ST\*\*92\*00085  
N1\*RI\*TRINARY FACTORS\*01\*009998888  
N3\*123 HOLLYWOOD BLVD  
N4\*LOS ANGELES\*CA\*120031020\*US  
ITD\*12\*7\*10\*19980710\*\*19980710  
DTM\*007\*19980606  
IT1\*1\*\*1\*2\*EA\*9\*WE\*\*UP\*123456789012\*CB\*0112022\*VA\*B54321\*VE\*400\*SZ\*55325  
PID\*F\*08\*\*\*SPORTS  
PID\*F\*73\*\*\*BLUE  
PID\*F\*74\*\*\*SMALL  
IT1\*2\*\*1\*3\*EA\*9\*WE\*\*UP\*123456789013\*CB\*0112021\*VA\*B54322\*VE\*300\*SZ\*55426  
PID\*F\*08\*\*\*SPORTS  
PID\*F\*73\*\*\*BLUE  
PID\*F\*74\*\*\*MEDIUM  
IT1\*3\*\*1\*1\*EA\*10\*WE\*\*UP\*123456789014\*CB\*0112023\*VA\*B54323\*VE\*200\*SZ\*55427  
PID\*F\*08\*\*\*SPORTS  
PID\*F\*73\*\*\*BLUE  
PID\*F\*74\*\*\*LARGE  
TDS\*828\*825\*74250\*8250  
CAD\*\*\*\*1234\*ABC\*\*BM\*9876543  
SAC\*C\*D240\*\*TC\*300\*\*\*\*\*02  
ISS\*15\*CA  
CTT\*3  
SE\*21\*00016