

**810 Invoice - X.12 Version 4010**

**Header Area**

Segment: **ISA** Transaction Set Header

Level: Header

Loop: \_\_\_\_

Usage: Mandatory

Max Use: 1

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

**Example:** ISA\*00\* \*00\* \*01\*001325851 \*01\*050357789 \*980409\*1846\*U\*00401\*000000035\*0\*P\*>~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
ISA01	I01	Authorization ID Qualifier 00	M	ID	2/2
ISA02	I02	Authorization Information Blanks	M	AN	10/10
ISA03	I03	Security Information Qualifier 00	M	ID	2/2
ISA04	I04	Security Information Blanks	M	AN	10/10
ISA05	I05	Interchange ID Qualifier Vendor Preference Vendor ID Qualifier	M	ID	2/2
ISA06	I06	Interchange Sender ID Vendor Preference Vendor ID	M	ID	15/15
ISA07	I07	Interchange ID Qualifier 01	M	ID	2/2
ISA08	I08	Interchange Receiver ID 050357789 or PAMIDA TEST	M	ID	15/15
ISA09	I09	Interchange Date YYMMDD	M	DT	6/6
ISA10	I10	Interchange Time HHMM (24 Hour Clock)	M	TM	4/4
ISA11	I11	Interchange Standards ID U	M	ID	1/1
ISA12	I12	Interchange Version ID 00401	M	ID	5/5
ISA13	I13	Interchange Control Number	M	N0	9/9

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Must be identical to the Interchange  
Control number contained in IEA02.

<b>ISA14</b>	<b>I14</b>	<b>Acknowledge Requested</b> Vendor Preference <b>0</b> for No Ack <b>1</b> for Ack requested	<b>M</b>	<b>ID</b>	<b>1/1</b>
<b>ISA15</b>	<b>I15</b>	<b>Test Indicator</b> <b>T</b> for Test <b>P</b> for Production	<b>M</b>	<b>ID</b>	<b>1/1</b>
<b>ISA16</b>	<b>I16</b>	<b>Sub-element Separator</b> > (hex '6e)	<b>M</b>	<b>AN</b>	<b>1/1</b>

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**Segment: GS** Transaction Set Header

**Level:** Header

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

**Usage:** Mandatory

**Max Use:** 1

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

**Example:** GS\*IN\*11111111\*050357789\*20001209\*1846\*35\*X\*004010~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
GS01	479	<b>Functional ID Code</b> IN for 810	M	ID	2/2
GS02	142	<b>Application Senders Code</b> 'Your Code'	M	ID	2/12
GS03	124	<b>Application Receivers Code</b> 050357789	M	ID	2/12
GS04	29	<b>Data Interchange Date</b> CCYYMMDD	M	DT	8/8
GS05	30	<b>Data Interchange Time</b> HHMM	M	TM	4/4
GS06	28	<b>Data Interchange Control Number</b> Must match the Date Interchange Control Number contained in the GE02 segment.	M	N0	1/9
GS07	455	<b>Responsible Agency Code</b> X for ANSI	M	ID	1/1
GS08	480	<b>Version/Release</b> 004010	M	ID	1/12

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**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.

**Example:** ST\*810\*000000035~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
ST01	143	Transaction Set Identification Code 810	M	ID	3/3
ST02	329	Transaction Set Control Number	M	AN	4/9

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**Segment: BIG** Beginning Segment for Invoice

**Level:** Header

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

**Usage:** Mandatory

**Max Use:** 1

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

**Example:** BIG\*20001225\*90934480\*\*667908~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
BIG01	373	Date CCYYMMDD	M	DT	8/8
BIG02	76	Invoice Number	M	AN	1/22
BIG04	324	Purchase Order Number This field contains a Pamida P.O. number.	M	AN	6/8

**Notes:**

- Pamida requires the BIG04 to be sent by all merchandise vendors.
- The use of '-' (dash's) are not allowed in the BIG04 segment.
- Pamida Purchase Order numbers are a minimum of 6 and maximum of 8 digits all numerical.
- Each character of the Purchase Order number is valid even if it is a zero.

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**Segment: REF** Reference Numbers

**Level:** Header

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

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To transmit a Pamida account's payable vendor number.

**Example:** REF\*IA\*9470123890~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
REF01	128	<b>Reference Number Qualifier</b> IA Pamida Internal Assigned Vendor Number	M	ID	2/2
REF02	127	<b>Reference Number</b> Pamida Assigned Vendor number A 10 digit number.	X	AN	10/10

Notes:

- The "IA" qualifier is mandatory and must be verified before the invoice can be processed.
- The Pamida A/P Department will assign the "IA" 10 digit number.

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**Segment: N1 Name**

**Level:** Header

**Loop:** N1

**Usage:** Mandatory

**Max Use:** 1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify the buying locations for the purchase order.

**Example:** N1\*BY\*\* 92\*0084~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
N101	98	<b>Entity Identifier Code</b> BY Buying Party	M	ID	2/3
N103	66	<b>Identification Code Qualifier</b> 92 Assigned by Pamida	M	ID	1/2
N104	67	<b>Identification Code</b> The four (4) digit Pamida store or DC Number.	M	AN	4/4

**Notes:**

- The "BY" indicates the ultimate receiver of the product. For Pamida, this is a store or DC location.
- The code used in the N104 must be the Pamida store or DC location.

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

**Level:** Header

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

**Usage:** Mandatory

**Max Use:** 1

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

**Example:** ITD\*01\*\*4\*20001103\*5\*20001203\*30\*60\*\*\*\*\*23~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
ITD01	336	<b>Terms Type Code</b> 01 Basic 02 End of Month (EOM) 03 Fixed Date	M	ID	2/2
ITD03	338	<b>Terms Discount Percent</b> The discount percent available to Pamida if an invoice is paid on or before the terms discount due date.	O	R	1/6
ITD04	370	<b>Terms Discount Due Date</b> <b>CCYYMMDD</b> The date the payment is due of the discount is to be earned.	C	DT	8/8
ITD05	351	<b>Terms Discount Days Due</b> Number of days in discount period by which payment is due of discount is earned.	C	N0	1/3
ITD06	446	<b>Terms Net Due Date</b> <b>CCYYMMDD</b> Date when total invoice amount becomes due.	O	DT	8/8
ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due.	O	N0	1/3
ITD08	362	<b>Terms Discount Amount</b> Total amount of term's discount.	O	N2	1/10
ITD13	765	<b>Day of Month</b> Numeric value for the day of the month.	C	N0	1/2

**NOTES:**

- When the "01" terms type code is used in ITD01, Pamida requires valid data in the ITD07. If a discount is offered; the ITD03, ITD05, and the ITD08 are all required.
- When the "02" terms type code is used in ITD01, Pamida requires valid data in the ITD13.
- When the "03" terms type code is used in ITD01, Pamida requires valid data in the ITD06. If a discount is offered; the ITD03, ITD04 and the ITD08 are all required.
- The use of '-' (dash's) are not allowed in the ITD segment.



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**Segment: DTM** Date/Time Reference

**Level:** Header

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

**Usage:** Mandatory

**Max Use:** 10

**Purpose:** To specify pertinent dates and times

**Example:** DTM\*011\*20001225~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
DTM01	374	Date/Time Qualifier 011 Shipped	M	ID	3/3
DTM02	373	Date CCYYMMDD	M	DT	8/8

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**Segment:** **FOB** F.O.B. Related Instructions

**Level:** Header

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

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify transportation instructions relating to shipment

**Example:** FOB\*PP~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
FOB01	146	<b>Shipment Method of Payment</b>	M	ID	2/2
		CC Collect			
		CF Collect, Freight Credited Back to Customer			
		DF Defined by Buyer and Seller			
		MX Mixed			
		PC Prepaid by Charged to Customer			
		PO Prepaid only			
		PP Prepaid by Seller			

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**Detail Area**

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

**Level:** Detail

**Loop:** IT1

**Usage:** Mandatory

**Max Use:** 200000

**Usage:** Mandatory

**Max Use:** 1

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

**Example:** IT1\*\*1\*EA\*8.15\*\*UP\*093624657729~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
IT102	358	Quantity Invoiced	M	R	1/10
IT103	355	UOM EA Each	M	ID	2/2
IT104	212	Unit Price	M	R	1/17
IT106	235	Product/Services ID Qualifier UP UPC-A (1-5-5-1)	M	ID	2/2
IT107	234	Product/Service ID	M	AN	8/13

**Notes:**

- The quantity invoiced should equal the quantity shipped.
- **The Product ID must be the same one that was sent on the Pamida purchase order in the PO1 Segment, data element "11".**

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

**Level:** Detail

**Loop:** IT1/SAC

**Usage:** Optional

**Max Use:** 10

**Usage:** Mandatory

**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.

**Example:** SAC\*A\*F340\*\*\*61000\*\*\*\*\*02~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
SAC01	248	<b>Allowances or Charges Indicator</b> A Allowance C Charge N No allowance or Charge	M	ID	1/1
SAC02	1300	<b>Ser/Pro/All/Chg Code</b> Code identifying the type of charge or allowance	M	ID	4/4
SAC05	610	<b>Amount</b> Total dollar amount for the allowance/charge	M	N2	1/15
SAC12	331	<b>A/C Method of Handling Code</b> 02 Off Invoice 06 Charge to be paid by Customer	M	ID	2/2

**Note:**

- Use the Detail Section SAC for item level allowances that will not be repeated as part of a total allowance in the Summary Section SAC.
- Pamida supports all ANSI codes for data element 1300.
- The use of “-“ signs are not allowed in SAC05, it is implied this a discounted amount.

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**Summary Area**

**Segment: TDS** Total Monetary Value Summary

**Level:** Summary

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

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify the total invoice discounts and amounts

**Example:** TDS\*8720~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
TDS01	610	<b>Amount</b> Amount of invoice before terms discount.	M	N2	1/15
TDS02	610	<b>Amount Subject to Terms Discount</b> Amount upon which the terms discount amount is calculated.	C	N2	1/15
TDS03	610	<b>Discounted Amount Due</b> Amount of invoice due if paid by terms discount due date.	O	N2	1/15

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**Segment: CAD** Carrier Detail

**Level:** Summary

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

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify transportation details for the transaction.

**Example:** CAD\*M\*\*\*WRNR\*1125\*\*CN\*V7646706NA~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
CAD01	91	Transportation Method/Type Code	M	ID	1/2
CAD04	140	SCAC	M	ID	4/4
CAD05	387	Routing	C	AN	1/35
CAD07	128	<b>Reference Number Qualifier</b> BM Bill of Lading Number CN Carrier's Pro Number	O	ID	2/3
CAD08	127	Reference Number	C	AN	1/30

**Notes:**

- Pamida prefers that this segment be sent if information is available
- Pamida prefers the use of the CAD01 and CAD04 elements.
- The CAD05 should only be used on an exception basis.
- The "CN" code is preferred.
- The use of '-' (dash's) are not allowed in the CAD Segment.

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

**Level:** Summary

**Loop:** SAC

**Usage:** Optional

**Max Use:** 10

**Usage:** Mandatory

**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.

**Example:** SAC\*A\*F340\*\*\*360000\*\*\*\*\*06~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
SAC01	248	<b>Allowances or Charges Indicator</b> A Allowance C Charge N No allowance or Charge	M	ID	1/1
SAC02	1300	<b>Ser/Pro/All/Chg Code</b> Code identifying the type of charge or allowance	M	ID	4/4
SAC05	610	<b>Amount</b> Total dollar amount for the allowance/charge	M	N2	1/15
SAC12	331	<b>A/C Method of Handling Code</b> 02 Off Invoice 06 Charge to be paid by Customer	M	ID	2/2

**Note:**

- Pamida supports all ANSI codes for the data element 1300.

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**Segment: ISS** Invoice Shipment Summary

**Level:** Summary

**Loop:** ISS

**Usage:** Mandatory

**Max Use:** 1

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify summary details of total items shipped in terms of quantity, weight, and volume.

**Example:** ISS\*100\*EA\*81\*LB~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
ISS01	382	Number of Units Shipped	M	R	1/10
ISS02	355	UOM Code EA Each	M	ID	2/2
ISS03	81	Weight	C	R	1/10
ISS04	355	UOM Code LB Pound	C	ID	2/2



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**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

**Example:** CTT\*1~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
CTT01	354	<b>Number of Line Items</b> Total number of line items (TI1 Segments) present in the transaction set.	M	N0	1/6

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**Segment: SE** Transaction Totals

**Level:** Summary

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

**Usage:** Mandatory

**Max Use:** As specified in ANSI X12 Standard

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments, including the beginning (ST) and the ending (SE) segments.

**Example:** SE\*15\*000000035~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
SE01	96	<b>Number of included segments</b> The total number of segments included in a transaction set including the ST and SE segments.	M	N0	1/10
SE02	329	<b>Transaction set control number.</b> Must match the Transaction Set Control Number contained in the ST02 segment.	M	AN	4/9

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**Segment:** **GE** Transaction Totals

**Level:** Summary

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

**Usage:** Mandatory

**Max Use:** As specified in ANSI X12 Standard

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

**Example:** GE\*1\*35~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
GE01	97	<b>Number of included sets</b> This field represents the number of transaction sets (ST/SE) Included in the functional group (GS/GE).	M	N0	1/6
GE02	28	<b>Data interchange control number</b> Must match the Data Interchange Control Number contained in the GS06 segment.	M	N0	1/9

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**Segment: IEA** Transaction Totals

**Level:** Summary

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

**Usage:** Mandatory

**Max Use:** As specified in ANSI X12 Standard

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

**Example:** IEA\*1\*000000035~

<u>Segment</u>	<u>Data Element</u>	<u>Description</u>	<u>Attributes</u>		
IEA01	I16	<b>Number of included groups</b> This field represents the number of GS segments within the transmission.	M	N0	1/5
IEA02	I12	<b>Interchange Control Number</b> Must be identical to the Interchange Control Number contained in ISA13.	M	N0	9/9

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**EXAMPLE AREA**

ISA\*00\* \*00\* \*01\*001325851 \*01\*050357789 \*980409\*1846\*U\*00401\*000000035\*0\*P\*>~  
GS\*IN\*111111111\*050357789\*20001209\*1846\*35\*X\*004010~  
ST\*810\*000000035~  
BIG\*20001225\*90934480\*\*667908~  
REF\*IA\*9470123890~  
N1\*BY\*\* 92\*0084~  
ITD\*01\*\*4\*20001103\*5\*20001203\*30\*60\*\*\*\*\*23~  
DTM\*011\*20001225~  
FOB\*PP~  
IT1\*\*1\*EA\*8.15\*\*UP\*093624657729~  
SAC\*A\*F340\*\*\*61000\*\*\*\*\*02~  
TDS\*8720~  
CAD\*M\*\*30891\*WRNR\*1125\*\*CN\*V7646706NA~  
SAC\*A\*F340\*\*\*360000\*\*\*\*\*06~  
ISS\*100\*EA\*81\*LB~  
CTT\*1~  
SE\*15\*000000035~  
GE\*1\*35~  
IEA\*1\*000000035~