



X12 v4010 OUTBOUND 210 EDI INVOICING REQUIREMENTS

The following segments and elements are **required to be sent via EDI by Procter & Gamble or the ASC X12 Standards**, for prompt processing and payment of Outbound EDI Freight Invoicing.

Interchange Control Header - To start and identify an interchange of zero or more functional groups and interchange-related control segments.			
Data Element	Field Name	Qualifier Code	Description of Data
ISA01	Authorization Information Qualifier	00	No meaningful information in ISA02
ISA02	Authorization Information		10 blanks
ISA03	Security Information Qualifier	00	No security information present in ISA04
ISA04	Security Information		10 blanks
ISA05	Interchange ID Qualifier	02	SCAC (Standard Carrier Alpha Code)
ISA06	Interchange Sender ID		Carrier's Standard Carrier Alpha Code (SCAC)
ISA07	Interchange ID Qualifier	ZZ	Mutually defined
ISA08	Interchange Receiver ID	PGOTBND	Receiver ID assigned for Outbound Freight Invoicing
ISA09	Interchange Date		Submission date - YYMMDD Format
ISA10	Interchange Time		Submission time - HHMM format - 24 hour clock
ISA11	Interchange Control Standards Identifier	U	U.S. EDI community of ASC X12
ISA12	Interchange Control Version Number	00401	Version number for the envelope only
ISA13	Interchange Control Number		Sequentially assigned by sender-all 9 positions
ISA14	Acknowledgment Requested	0 or 1	0 = No acknowledgment requested 1 = Acknowledgment requested
ISA15	Test Indicator	T or P	T = Test Data P = Production Data
ISA16	Component Element Separator	:	Note - This value must be different than the data element separator and the segment terminator

Functional Group Header - To indicate the beginning of a functional group and to provide control information.

GS01	Functional Identifier Code	IM	Motor Carrier Freight Details and Invoice
GS02	Application Sender's Code		Standard Carrier Alpha Code (SCAC)
GS03	Application Receiver's Code	PGOTBND	Outbound Receiver code assigned to mailbox at Kleinschmidt
GS04	Date		Submission date - YYYYMMDD Format
GS05	Time		Submission time - HHMM format - 24 hour clock
GS06	Group Control Number		A 5-digit number, incremented by 1 for each occurrence of a functional group for a particular receiver
GS07	Responsible Agency Code	X	Accredited Standards Committee X12
GS08	Version/Release/Industry Identifier Code	004010	Version designation. <u>Sending version should be 4010.</u>

Transaction Set Header - To indicate the start of a transaction set and to assign a control number.
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ST01	Transaction Set Identifier Code	210	Motor Carrier Freight Details and Invoice
ST02	Transaction Set Control Number		A unique number assigned to each transaction set within a functional group. The first 5 digits represent the GS06. The last four digits represent the sequence of each transaction set in the transmission.

Beginning Segment for Carrier's Invoice - To transmit basic data relating to carrier's invoice.
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B302	Invoice Number		Carrier's freight invoice (pro) number. - no spaces or special characters.
B303	Shipment Identification Number		Shipper's identification number. Usually bill of lading number. (Mapped from B204 from 204 Transaction Set) - no spaces or special characters. If billing for accessorials – add the proper alpha code following the shipment #.
B304	Shipment Method of Payment	PP	Prepaid by Shipper
B306	Date		Date the freight invoice was created - YYYYMMDD Format
B307	Net Amount Due		Total charges due
B311	Standard Carrier Alpha Code		Carrier's Standard Carrier Alpha Code (SCAC)

Assigned Number - To reference a line number in a transaction set.

LX	Assigned Number		Line reference number to identify or separate multiple commodities or line items
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Line Item - Quantity and Weight - To specify quantity, weight, volume and type of service for a line item including applicable "quantity/rate-as" data.
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L002	Billed/Rated-as Quantity		Rate applied to shipment - includes decimal in rate
L003	Billed/Rated-as Qualifier	DM	Miles (If not a mileage rate/shipment, it will not be necessary to send a LO segment.)
L004	Weight		Weight for the specific line item (ONLY REQUIRED FOR LTL)
L005	Weight Qualifier	N G	Net Weight of line item - Preferred by P&G Gross Weight of line item (ONLY REQUIRED FOR LTL)

Rates and Charges - To specify rate and charges detail relative to a line item including freight charges, advances, special charges and entitlements.

L102	Freight Rate		Rate which applies to the shipment or accessorial charge, includes decimal point
L103	Rate/Value Qualifier	CW FC FR MF MN PH	Per Hundred Weight Flat Charge Flat Rate Maximum Minimum Per Hundred Code qualifying how to extend charges or extend the value in the L102
L104	Charge		Value extension of L102 and L103 - For a line item, freight or special charge
L108	Special Charge or Allowance Code**		See P&G Outbound Allowance/Special Charge Code List (in this documentation) for codes applicable to P&G Outbound shipments.
L112	Special Charge Description		See P&G Outbound Allowance/Special Charge Code List for the description associated with the code in the L108

**NOTE: NO OTHER ACCESSORIALS ARE TO BE BILLED AS A LINE ITEM ON THE LINE HAUL INVOICE. OTHER ACCESSORIALS MUST BE BILLED SEPARATELY WITH THE CORRESPONDING ALPHA CODE AS INSTRUCTED IN THE GUIDELINES SECTION.

Tariff Reference - To reference details of the tariff used to arrive at applicable rates or charge.

L707	Freight Class Code		Code indicating generalized classification that applies to one or more items in the shipment, ie.class 60, 70, 77.5, etc. (ONLY REQUIRED FOR LTL)
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Total Weight and Charges - To specify the total shipment in terms of weight, volume, rates, charges, advances and amounts applicable to one or more line items.

L301	Weight		Total Weight of the Shipment
L302	Weight Qualifier	N G	Total Net Weight of shipment - Preferred by P&G Total Gross Weight of shipment and equipment

Transaction Set Trailer - To indicate the end of the transaction set and provide the count of the transmitted segments.

SE01	Number of Included Segments		Number of segments included in the transaction set, including the ST and SE segments
SE02	Transaction Set Control Number		Same as the ST02

Functional Group Trailer - To indicate the end of a functional group and to provide control information.

GE01	Number of Transaction Sets Included		Total Transaction Sets included in the Functional Group
GE02	Group Control Number		Same as GS06

Interchange Control Trailer - To define the end of an interchange of zero or more functional groups and interchange-related control segments.

IEA01	Number of Included Functional Groups		The count of GS/GE segments within the transmission
IEA02	Interchange Control Number		Same number as in ISA13