



X12 V4010 INBOUND 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 Inbound 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	PGINBD	Receiver ID assigned for Inbound 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	PGINBD	Inbound 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.			
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. - no spaces or special characters.
B304	Shipment Method of Payment	PP CC	Prepaid by Shipper Collect to Consignee
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)

Reference Identification - To transmit identifying information as specified by the reference identification qualifier.			
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N901 N902	Reference Identification Qualifier Reference Identification		The <u>Reference Identification Qualifiers</u> and <u>Reference Identification</u> should be sent in the 0100 Loop, associated with the Shipper or Consignee as shown in the example and in the following information.
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Date/Time - To specify pertinent dates and times			
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G6201	Date Qualifier	86 19 CL	Actual pick-up date Date Unloaded (Use only when sending detention at plant) Date Loading Completed (Use only when sending detention at Supplier)
G6202	Date		Pick-up date - YYYYMMDD Format
G6203	Time Qualifier	R F A	Arrival time (Arrival time at Plant or Supplier) Completed unloading time (Unloading time at Plant) Actual Departure Time(Departure time from Supplier)
G6204	Time		Use when billing detention – HHMM Format

Data Element	Field Name	Qualifier Code	Description of Data
Name, Address Information, Geographic Location, Reference Number - Shipper - To identify a party by type of organization, name and code. To specify the location and the geographic place of the named party.			

N101	Entity Identifier Code	SH	Shipper
N102	Name		Name of Shipper
N301	Address Information		Street address of Shipper
N401	City Name		City Name of Shipper
N402	State or Province Code		State or Province Code of Shipper
N403	Postal Code		Zip Code of Shipper - US - 5 or 9 digits; Canada - 6 or 7 digits
N404	Country Code		Country code location of Shipper - 2 digit code

N901	Reference Identification Qualifier	BM	Shipper's Bill of Lading Number
N902	Reference Identification		Shipper's Bill of Lading Number. - no spaces or special characters

Name, Address Information, Geographic Location, Reference Number - Consignee - To identify a party by type of organization, name and code. To specify the location and geographic place of the named party.			
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N101	Entity Identifier Code	CN	Consignee
N102	Name		Name of Consignee
N301	Address Information		Street address of Consignee
N401	City Name		City Name of Consignee
N402	State or Province Code		State or Province Code of Consignee
N403	Postal Code		Zip Code of Consignee - US - 5 or 9 digits; Canada - 6 or 7 digits.
N404	Country Code		Country code location of Consignee - 2 digit code

N901	Reference Identification Qualifier	PO	P&G Consignee's Purchase Order Number
		PS	Purchase Order Number Suffix = PO Line Item number. (5 digit number - Required on Canadian moves)
		CA	Cost Allocation number - P&G charge #
N902	Reference Identification		Consignee's Reference Number - Send both PO and PS. No spaces or special characters

Data Element	Field Name	Qualifier Code	Description of Data
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Equipment Details - To identify the equipment

N701	Equipment Initial		Tractor/Trailer Identifying Initials - Max 4 Chars
N702	Equipment Number		Tractor/Trailer Identifying Numbers - Max 10 Chars
N711	Equipment Description Code	TL TR	Trailer Tractor

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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Description, Marks and Numbers - To specify the line item in terms of description, quantity, packaging and marks and numbers.

L502	Lading Description		Description of shipment contents - Usually the commodity description associated with the NMFC or STCC code - 50 character field
L503	Commodity Code		NMFC or STCC commodity code number, required by P&G . These may be listed on bill of lading or may be sourced from the code books listed in L504 Dry Van should use NMFC codes; Tank/Bulk trailers should use STCC codes.
L504	Commodity Code Qualifier	N T	National Motor Freight Classification Standard Transportation Commodity Code

Line Item - Quantity and Weight - To specify quantity, weight, volume and type of service for a line item including applicable "quantity/rate-as" data.

L002	Billed/Rated-as Quantity		Rate applied to shipment - includes decimal in rate
L003	Billed/Rated-as Qualifier	DM DR FR LB LC MR NL NT NV TD TH TR	Miles Drivers (identifies a billable unit expressed as persons operating equipment) Flat Rate Pound 100 Pounds Mileage Load Trailer Vehicle Days Hours Time
L004	Weight		Numeric value of shipment weight
L005	Weight Qualifier	N G	Actual net weight of shipment - Preferred by P&G Gross weight of shipment and equipment

Data Element	Field Name	Qualifier Code	Description of Data
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 DV FC FR LB MR PD PI PL PM PP PR PS PV PW RP RT TB TC TD VH WK YR	Per Hundred Weight Per Day Per Vehicle Flat Charge Flat Rate Per Pound Per mile per vehicle used per round trip Per Day Hourly rate per vehicle Per Load Per Mile Per Piece Per Hour Per Shipment Per Vehicle Percentage of charges Percent of rate Per vehicle used per round trip Per 2 trailers same day Per 3 trailers same day Per 4 trailers same day Per vehicle used Per week Per year 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 Inbound Allowance/Special Charge Code List for codes applicable to P&G Inbound shipments.
L112	Special Charge Description		See P&G Inbound Allowance/Special Charge Code List for description associated with the code in the L108.

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. (Required for LTL only)
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Data Element	Field Name	Qualifier Code	Description of Data
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
L305	Charge		Total amount of the freight invoice

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