

PATTERSON DENTAL SUPPLY COMPANY
EDI RECORD LAYOUTS - 850 PURCHASE ORDER - VERSION 4010

PATTERSON DENTAL SUPPLY COMPANY
 ANSI X12 - VERSION 4010
 REVISED MARCH 19, 1999

ISA SEGMENT - INTERCHANGE CONTROL HEADER

Example: ISA-00---00---ZZ-PATTERSONDENTAL-ZZ-YOUR ID~19981120~1015-U-00400~123456-0-T->N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	I01	AUTH INFO QUALIFIER	ID	00	2	NO AUTHORIZATION PRESENT
03	I03	SECUR INFO QUALIFIER	ID	00	10	NO SECURITY PRESENT
05	I05	INTERCHANGE ID QUALIFIER	ID	ZZ	2	ZZ
06	I06	INTERCHANGE SENDER ID	AN		15	PATTERSONDENTAL
07	I05	INTERCHANGE ID QUALIFIER	ID		2	ID QUALIFIER
08	I07	INTERCHANGE RECEIVER'S ID	AN		15	RECEIVER'S ID
09	I08	INTERCHANGE DATE	DT		8	DATE - YYMMDD
10	I09	INTERCHANGE TIME	TM		4	TIME - HHMM
11	I10	CONTROL STANDARD IDENTIFIER	ID	U	1	U.S. EDI COMMUNITY
12	I11	INTERCHANGE CTRL VERSION #	ID	00400	5	DRAFT STANDARD
13	I12	INTERCHANGE CONTROL #	NO		9	INTERCHANGE CONTROL #
14	I13	ACKNOWLEDGMENT REQUEST	ID	0	1	NO TA1 TO BE SENT
15	I14	TEST/PRODUCTION INDICATOR	ID		1	T (TEST) OR P (PRODUCTION)
16	I15	SUB-ELEMENT SEPARATOR	AN		1	SUB-GROUP SEPARATOR

GS SEGMENT - FUNCTIONAL GROUP HEADER

Example: GS-PO-PATTERSONDENTAL-YOUR ID~19981120~1015-123456-X-004010N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	479	FUNCTIONAL ID CODE	ID	PO	2	INDICATES PURCHASE ORDER
02	142	APPLICATION SENDER'S CODE	AN		15	SENDER'S ID
03	124	APPLICATION RECEIVER'S CODE	AN		15	RECEIVER'S ID
04	373	GROUP DATE	DT		8	DATE - YYMMDD
05	337	GROUP TIME	TM		8	TIME - HHMM
06	28	GROUP CONTROL NUMBER	NO		9	GROUP CONTROL NUMBER
07	455	RESPONSIBLE AGENCY CODE	ID	X	2	ANSI X12
08	480	VERSION / REL ID CODE	ID	004010	12	VERSION / REL ID CODE

ST SEGMENT - TRANSACTION SET HEADER

Example: ST-850~123456N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	143	TRANSACTION SET IDENTIFIER	ID	850	3	INDICATES 850 PO
02	329	TRANSACTION SET CONTROL #	AN		9	ST CONTROL #

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BEG SEGMENT - BEGINNING SEGMENT FOR PURCHASE ORDER

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Example: BEG-00-NE-123456---19981120N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	353	TRANSACTION SET PURPOSE CDE	ID	00	2	ORIGINAL ORDER
02	92	PURCHASE ORDER TYPE CODE	ID	NE	2	NEW ORDER
03	324	PURCHASE ORDER #	AN		22	PURCHASE ORDER #
05	323	PURCHASE ORDER DATE	DT		8	PURCHASE ORDER DATE

CUR SEGMENT - CURRENCY

Example: CUR-CY-USD N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	98	ENTITY IDENTIFIER CODE	ID	CY	2	CURRENCY TYPE
02	100	CURRENCY CODE	ID		3	USD (U.S. DOLLAR) CAD (CANADIAN DOLLAR)

PER SEGMENT - ADMINISTRATIVE COMMUNICATIONS CONTACT

Example: PER-BD-JOE SMITH 612-686-1600N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	366	CONTACT FUNCTION CODE	ID	BD	2	BUYER DETERMINED
02	93	NAME	AN		60	BUYER NAME & PHONE #

DTM SEGMENT - DATE TIME REFERENCE

Example: DTM-010-19981123N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	374	DATE/TIME QUALIFIER	ID	010	3	REQUESTED SHIP DATE
02	373	DATE	DT		8	SHIP DATE

N9 SEGMENT - REFERENCE IDENTIFICATION

Example: N9-OP-123456 N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	128	IDENTIFICATION CODE QUAL	ID	OP	3	ORIGINAL PURCHASE ORDER
02	127	IDENTIFICATION CODE	AN		30	PATTERSON PO NUMBER

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MSG SEGMENT - FREE FORM MESSAGE TEXT

Example: MSG-PO INSTRUCTION MESSAGE N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
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01	933	FREE FORM MESSAGE	AN	264	ORDER INSTRUCTIONS
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MSG SEGMENT - FREE FORM MESSAGE TEXT
Example: MSG~PO INSTRUCTION MESSAGE N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	933	FREE FORM MESSAGE	AN		264	ORDER INSTRUCTIONS

N1 SEGMENT - NAME
Example: N1~ST~PATTERSON DENTAL COMPANY~92~582N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	98	ENTITY IDENTIFIER CODE	ID		2	ST (SHIP TO), BT (BILL TO)
02	93	NAME	AN		60	NAME
03	66	IDENTIFICATION CODE QUAL	ID	92	2	BUYER ASSIGNED
04	67	IDENTIFICATION CODE	AN		80	SHIP TO FACILITY ID NUMBER

N3 SEGMENT - ADDRESS INFORMATION
Example: N3~1000 APOLLO ROADN/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	166	ADDRESS INFORMATION	AN		55	ADDRESS

N4 SEGMENT - GEOGRAPHIC LOCATION
Example: N4~EAGAN~MN~55121N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	19	CITY NAME	AN		30	CITY
02	156	STATE (ABV.)	ID		2	STATE
03	116	POSTAL CODE	ID		15	ZIP

REF SEGMENT - REFERENCE IDENTIFICATION
Example: REF~MF~VENDOR NAME N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	128	REFERENCE QUALIFIER	ID	MF	3	CODE FOR MANUFACTURER
02	127	REFERENCE IDENTIFICATION	AN		30	VENDOR NAME

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FOB SEGMENT - F.O.B. RELATED INSTRUCTIONS
Example: FOB~CC~DE~SHIP COMPLETE N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	146	SHIPMENT METHOD OF PYMT	ID		2	CC' (COLLECT) OR PP' (PREPAID)
02	309	LOCATION QUALIFIER	ID	DE	2	DESTINATION

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03	352	DESCRIPTION	AN	80	SHIPMENT INSTRUCTIONS
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TD1 SEGMENT - CARRIER DETAILS (QUANTITY AND WEIGHT)
 Example: TD1-----E~45~LBN/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
06	187	WEIGHT QUALIFIER	ID	E	2	ESTIMATED
07	81	WEIGHT	R		10	WEIGHT AMOUNT
08	355	UNIT OR BASIS OF MEASUREMENT	ID	LB	2	POUNDS

TD5 SEGMENT - CARRIER DETAILS
 Example: TD5---2~UPSS---UPS GROUND SERVICE N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
02	66	IDENTIFICATION CODE QUAL	ID		2	2' (SCAC CODE) OR 91' (ASSIGNED BY SELLER)
03	67	IDENTIFICATION CODE	AN		80	SCAC CODE OR 'BEST WAY'
05	387	ROUTING	AN		35	CARRIER NAME OR SELLER DETERMINED'

PO1 SEGMENT - PURCHASE ORDER BASELINE ITEM DATA
 Example: PO1---10~PK~18.50---IN~123456~MG~654321 N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	350	PO LINE NUMBER	AN		20	# TO IDENTIFY LINE ITEM
02	330	QUANTITY ORDERED	R		15	QUANTITY ORDERED
03	355	UNIT OR BASIS OF MEASUREMENT	ID		2	EA, CA, PK, BX, PR, ETC.
04	212	UNIT PRICE	R		17	UNIT PRICE
06	235	PDCT/SERVICE ID QUALIFIER	ID	IN	2	INDICATES BUYER'S ITEM #
07	234	PDCT/SERVICE ID	AN		48	PATTERSONS ITEM #
08	235	PDCT/SERVICE ID QUALIFIER	ID	MG	2	INDICATES MFG.'S PART #
09	234	PDCT/SERVICE ID	AN		48	MANUFACTURERS PART #

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PID SEGMENT - PRODUCT ITEM DESCRIPTION
 Example: PID~F-----ADAPTOL TUBES N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	349	ITEM DESCRIPTION TYPE	ID	F	1	'F' (FREE FORM TEXT)
05	352	DESCRIPTION	AN		80	PRODUCT DESCRIPTION

CTT SEGMENT - TRANSACTION TOTALS

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Example: CTT~1N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	354	NUMBER OF LINE ITEMS	NO		6	NUMBER OF PO1 SEGMENTS

AMT SEGMENT - MONETARY AMOUNT

Example: AMT~5~185.00N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	522	AMOUNT QUALIFIER CODE	ID	5	2	TOTAL PO AMOUNT
02	782	MONETARY AMOUNT	R		18	DOLLAR AMOUNT

SE SEGMENT - TRANSACTION SET TRAILER

Example: SE~19~123456N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	96	TOTAL NUMBER OF SEGMENTS	NO		10	SEGMENT COUNT ST TO SE
02	329	TRANSACTION CONTROL #	AN		9	TRANSACTION CONTROL #

GE SEGMENT - FUNCTIONAL GROUP TRAILER

Example: GE~1~123456N/L

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	97	NUMBER OF TRANSACTIONS SETS	NO		6	NUMBER OF 'ST' SEGMENTS
02	28	GROUP CONTROL NUMBER	NO		9	SAME AS THE GS CONTROL #

IEA SEGMENT - INTERCHANGE CONTROL TRAILER

Example: IEA~1~123456

Elem Seq	Elem ID	Element Description	Elem Type	Fixed Length	Max Length	Remarks
01	116	NUMBER OF 'GS' SEGMENTS	NO		5	NUMBER OF 'GS' SEGMENTS
02	112	INTERCHANGE CONTROL #	NO		9	SAME AS ISA CONTROL #

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CHANGES FROM VERSION 3040 TO VERSION 4010

<u>Segment/Element</u>	<u>Change</u>
ISA - 08	Date field now 8 characters long instead of 6 characters
GS - 04	Date field now 8 characters long instead of 6 characters
BEG - 04	Date field now 8 characters long instead of 6 characters

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NTE - 01, 02	Not used in version 4010
CUR - 01, 02	New segment, indicates currency type for payment
DTM - 02	Date field now 8 characters long instead of 6 characters
N9 - 01, 02	New segment, lists PO again
MSG - 01	Replaces the NTE segments from 3040, details specific order instructions.