

HD SUPPLY, INC.

(Plumbing / HVAC)

850 Purchase Order - 004010

updated 02/21/08, 03/19/08, 12/15/08

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

HEADING:

Pos. No.	Seq. ID	Name	Req. Des.	Max Use	Loop Repeat
010	ST	Transaction Set Header	M	1	
020	BEG	Beginning Segment for Purchase Order	M	1	
050	REF	Reference Identification	O	>1	
060	PER	Administrative Communications Contact	O	3	
080	FOB	F.O.B. Related Instructions	O	>1	
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
150	DTM	Date/Time Reference	O	10	
240	TD5	Carrier Details	M	12	
LOOP ID - N9					1000
295	N9	Reference Identification	O	1	
300	MSG	Message Text	O	1000	
LOOP ID - N1					200
310	N1	Name	M	1	
330	N3	Address Information	M	2	
340	N4	Geographic Location	M	>1	

DETAIL:

LOOP ID - PO1					100000
010	PO1	Baseline Item Data	M	1	
LOOP ID - PID					1000
050	PID	Product/Item Description	M	1	
100	REF	Reference Identification	O	>1	
289	MSG	Message Text	O	>1	
295	SCH	Line Item Schedule	M	200	
600	AMT	Monetary Amount	O	1	

SUMMARY:

LOOP ID - CTT					1
010	CTT	Transaction Totals	M	1	
020	AMT	Monetary Amount	M	1	
030	SE	Transaction Set Trailer	M	1	

Segment: ST **Transaction Set Header**

Position: 010

Loop:

Level: Heading

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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values	M ID 3/3
ST02	329	Transaction Set Control Number Identifying control number assigned by the originator for a transaction set	M AN 4/9

ST*850*1234

Segment: BEG **Beginning Segment for Purchase Order**

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
BEG02	92	Purchase Order Type Code Code specifying the type of purchase order NE New Order DS Drop ship	M ID 2/2
BEG03	324	Purchase Order Number HD Supply purchase order number	M AN 1/22
BEG05	373	Date Date P/O was created (CCYYMMDD)	M DT 8/8

BEG*OO*NE*PP0024302824**20011220
BEG*OO*DS*PP12302824**20011220

Segment: REF **Reference Identification**

Position: 050

Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To indicate quote number

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
REF01	128	Reference Identification Number Q1 - Quote Number	O ID 2/3
REF02	127	Reference Identification (quote number) Quote number or special price number	X AN 1/30
		REF*Q1*123123123	

Segment: PER **Administrative Communications Contact**
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PER01	366	Contact Function Code IC Information Contact	M ID 2/2
PER02	93	Name HD Supply employee name	O AN 1/60
PER03	365	Communication Number Qualifier TE Telephone Number	O ID 2/2
PER04	364	Communication Number HD Supply Branch Phone Number	O AN 1/80

Segment: FOB **F.O.B. Related Instructions**
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
FOB01	146	Shipment Method of Payment BP - Paid by Buyer	M ID 2/2

		PC - Prepaid but Charged to Customer			
		PS - Paid by Seller			
FOB06	309	Location Qualifier	X	ID	2/2
		OR - Origin Shipping Point			
		DE - Destination (Shipping)			
FOB07	352	Description	O	ID	1/80
		If OR will be "Vendor's Shipping Point of Origin"			
		IF DE then HD Supply Ship-to City and State			

IF FOB01 is BP and FOB06 is OR this combination denotes Collect - FOB Origin
IF FOB01 is PS and FOB06 is DE this combination denotes Allowed - FOB Destination
IF FOB01 is PS and FOB06 is OR this combination denotes Allowed - FOB Origin
IF FOB01 is PC and FOB06 is OR this combination denotes Prepaid & Add - FOB Origin
IF FOB01 is PC and FOB06 is DE this combination denotes Prepaid and Add - FOB Destination
**Important NOTE: These are the only combination of codes that are allowed per HD Standards

Segment: ITD **Terms of Sale/Deferred Terms of Sale**
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify terms of sale
Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>		
<u>Des.</u>	<u>Element</u>				
ITD01	336	Terms Type Code 01 - Basic	O	ID	2/2
ITD02	333	Terms Basis Date Code 03 - Invoice Date	O	ID	1/3
ITD03	338	Terms Discount Percent Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the terms discount due date. Include decimal point if not a whole number. (ex: 2.5 is 2.5%)	O	R	1/6
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due	X	NO	1/3
ITD07	386	Terms Net Days Number of days until total invoice amount is due	O	NO	1/3
ITD08	362	Terms Discount Amount Total amount of terms discount. The decimal point is assumed and should not be included in the amount.	O	NO	1/10
ITD12	352	Description A free-form description to clarify the related data elements and their content.	O	AN	1/80

ITD*01*3*2**10**25**2500****2% 10TH & 25TH

Segment: DTM **Date/Time Reference**

Position: 150

Loop:

Level: Heading

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates

Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
DTM01	374	Date/Time Qualifier 074 Date	M ID 3/3
DTM02	373	Date CCYYMMDD Date delivery of order is required by HD Supply DTM*074*20020117	X DT 8/8

Segment: TD5 **Carrier Details**

Position: 240

Loop:

Level: Heading

Usage: Mandatory by HD Supply

Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD505	387	Routing Ship via description TD5*****BW BEST-WAY	X AN 1/35

Segment: N9 **Reference Identification**

Position: 295

Loop: N9

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N901	128	Reference Identification Qualifier L1 Letters or Notes	M ID 2/3

If N101 = ST, HD Supply Branch Number,
only if BEG02 = NE, else not used

N1*VN*VENDOR NAME*92*1111
N1*BT*HD SUPPLY, INC*92*95
N1*ST*HD SUPPLY, INC

HD Supply branch numbers are 4 characters in length with the exception of those with leading zeros; the leading zeros are stripped. The branch numbers are either numeric or alpha numeric.

Segment: N3 Address Information

Position: 330

Loop: N1

Level: Heading

Usage: Mandatory

Max Use: 2

Purpose: To specify the location of the named party

Notes: First N3 occurrence.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N301	166	Address Information If N101 = VN, Vendor Address If N101 = BT, HD Supply Bill to Address If N101 = ST, Ship-To Address	M AN 1/55
N302	166	Address Information If N101 = VN, Vendor Address If N101 = BT, HD Supply Bill to Address If N101 = ST, Ship-To Address N3*P.O. BOX 530416	O AN 1/55

Segment: N4 Geographic Location

Position: 340

Loop: N1

Level: Heading

Usage: Mandatory

Max Use: >1

Purpose: To specify the geographic place of the named party

Syntax

Notes: 01 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N401	19	City Name If N101 = VN, Vendor City	O AN 2/30

If PO106 = ZZ, HD Supply non-stocked product id. This id is a unique product id created to be used only once. Please use PID segment to determine product being ordered.

PO108	235	Product/Service ID Qualifier UI U.P.C. Consumer Package Code	O	ID	2/2
PO109	234	Product/Service ID If PO108 = UI, UPC Number	O	AN	1/48
PO110	235	Product/Service ID Qualifier VC Vendor (Seller's) Part Number	O	ID	2/2
PO111	234	Product/Service ID If PO110 = VC, Vendor Part Number	O	AN	1/48
PO112	235	Product/Service ID Qualifier BP HD Supply Part Number	M	ID	2/2
PO113	234	Product/Service ID If PO112 = BP, HD Supply Part Number	M	AN	1/48

PO1*3*1200*HF*42.326*CP*UI*040688312400*UI*040688312400*VC*D400*BP*45698
 PO1*3*1200*HF*42.326*CP*BP*45698*UI*040688312400*VC*D400*BP*45698
 PO1*3*1200*HF*42.326*CP*ZZ*569844*****BP*569844
 PO1*3*1200*HF*42.326*CP*UI*040688312400*****BP*569844

Segment: PID **Product/Item Data**
Position: 050
Loop: PID
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax
Notes: 04 R0405 - At least one of PID04 or PID05 is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>		
<u>Des.</u>	<u>Element</u>				
PID01	349	Item Description Type F Free Form	M	ID	1/1
PID05	352	Description HD Supply product description PID*F****PRODUCT DESCRIPTION	X	AN	1/80

Segment: REF **Reference Identification**
Position: 100
Loop: PID
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification PR - price quote number Q1- Quote Number CT - Contract number	M ID 2/3
	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier REF*PR*1PRICE REF*Q1*Q1LINE REF*CT*CTLINE1	X AN 1/30

Segment: MSG **Message Text**
Position: 289
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free-form format that allows the transmission of text information

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
MSG01	933	Free-Form Message Text Comments for receiver regarding specific line item instructions MSG*TEST MESSAGE	M AN 1/78

Segment: SCH **Line Item Schedule**
Position: 295
Loop: PO1
Level: Detail
Usage: Mandatory by HD Supply
Max Use: 200
Purpose: To specify the data for scheduling a specific line-item
Notes: 05 SCH05 specifies the interpretation to be used for SCH06.
** Standards use SCH01 and SCH02 as mandatory. HD Supply only maps these elements to meet standards. Elements SCH01 and SCH02 are optional use.

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
SCH01	380	Quantity	O R 1/15

SCH02	355	Unit or Basis for Measurement Code	O	ID	2/2
SCH05	374	Date/Time Qualifier	M	ID	3/3
		996 Delivery to HD Supply on or before indicated date			
SCH06	373	Date	M	DT	8/8
		CCYYMMDD			
		SCH*1*EA***996*20071205			

Segment: AMT **Monetary Amount**
Position: 600
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the line item amount

Data Element Summary

Ref.	Data		Attributes		
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
AMT01	522	Amount Qualifier Code	M	ID	1/3
		1 Line Item Total			
AMT02	782	Monetary Amount	M	R	1/18
		Line item extended total			
		AMT*1*258.56			

Segment: CTT **Transaction Totals**
Position: 010
Loop: CTT
Level: Summary
Usage: Mandatory
Max Use: 1

Purpose: To transmit a hash total for a specific element in the transaction set

Notes: This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

Ref.	Data		Attributes		
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
CTT01	354	Number of Line Items	M	NO	1/6
		Total number of line items in the transaction			
CTT02	347	Hash Total	O	R	1/10
		Total number of products on P/O			
CTT03	81	Weight	X	R	1/10
		Total weight of products on P/O			
CTT04	355	Unit or Basis for Measurement Code	X	ID	2/2
		LB Unit of Measure (pound)			
			X	R	

CTT06 355 Total number of products on P/O
Unit or Basis for Measurement Code X ID 2/2
 PC Unit of Measure (piece)
 CTT*17*46*0*LB*24*PC

Segment: AMT Monetary Amount
Position: 020
Loop: CTT
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the total monetary amount
Notes:

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
AMT01	522	Amount Qualifier Code 5 - Total Invoice Amount	M ID 1/3
AMT02	782	Monetary Amount Total dollar amount of P/O AMT*5*2105.674	M R 1/18

Segment: SE Transaction Set Trailer
Position: 030
Loop: CTT
Level: Summary
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)
Notes: SE is the last segment of each transaction set.

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
SE01	96	Number of Included Segments	M NO 1/10
SE02	329	Transaction Set Control Number SE*87*1350001	M AN 4/9

Current Branch Order

		01	02	03	04
VN	N1 N3 N4	vn vendor address	vendor name city,state,zip	92	vendor id
BT	N1 N3 N4	bt Hughes address city	Hughes name state	92 zip code	branch #
ST	N1 N3 N4	st address city	name ext. address state	 zip code	

New Branch Order

		01	02	03	04
VN	N1 N3 N4	vn vendor address <i>city</i>	vendor name <i>state</i>	92 <i>zip code</i>	vendor id
BT	N1 N3 N4	bt <i>branch name</i> city	Hughes name <i>branch address</i> state	92 zip code	branch #
ST	N1 N3 (Drop Ship) N3 N4	st <i>branch name</i> address city	name <i>branch address</i> ext. address state	 zip code	

N301 BT Attribute 21 of the branch record.

N401 02 03 VN Randy working on these fields. He needs to provide new attribute numbers when finished.

General Notes:

- SCH Segment Moved to detail
- SCH Segment SCH05 now using qualifier 996 Required Date
- TAX Segment Deleted
- FOB Segment Deleted
- ITD Segment Removed elements ITD03, ITD05, ITD07
- MSG Segment NEW segment
- PO1 Segment ZZ qualifier used to note a non-stock product