



3-3-511
1st Edition

DAA-AB

DUPLEX STEAM PUMP

2-1/2 X 1-1/2 X 3

Parts List

3-3-511



GARDNER-DENVER®

**MINI-MATRIX FOR
MODEL "DAA" 3" STROKE DUPLEX STEAM PUMP WITH 2-1/2" STEAM PISTON
ELEVEN (11) CHARACTER MODEL DESIGNATIONS**

NOTICE TO CUSTOMER - To find the construction options for your pump unit, FILL IN THE BALANCE OF LETTERS OR NUMBERS FROM YOUR UNIT NAMEPLATE

COLUMN NUMBER:

D	A	A		A	B					
1	2	3	4	5	6	7	8	9	10	11

FOLLOW THE LINE DOWN AND OVER FROM EACH SPACE THUS FILLED IN TO FIND THE APPROPRIATE CONSTRUCTION OPTION WITH WHICH YOUR MACHINE IS EQUIPPED. THE NUMBER "9" IN ANY COLUMN SPACE INDICATES "NOT APPLICABLE". THE NUMBER "8" IN ANY COLUMN SPACE INDICATES SPECIAL DESIGN -- REFER TO FACTORY ORDER TICKET.

COLUMNS 1, 2 & 3 - BASIC FAMILY

COLUMN 4 - TYPE SERVICE - MASTER CYL SIZE

- A. Oil Service - 1-1/2" Master Size
- B. Water Service - 1-1/2" Master Size
- C. Boiler Feed Service - 1-1/2" Master Size
- D. General Service - 1-1/2" Master Size

COLUMN 5 - SIZE SELECTIVE

- A. 1-1/2"

COLUMN 6 - DESIGN VERSION

COLUMN 7 - LINER MATERIAL SELECTIVE

- A. Bronze - Standard for Water & Boiler Feed Service
- B. Iron - Standard for Oil & General Service
- C. Stainless Steel - Optional

COLUMN 8 - PISTON TYPE SELECTIVE

- A. Bronze - Follower Type w/Reg. Cure Packing (Std. for Water Service)
- B. Bronze - Follower Type w/Rock Hard Packing (Std. for Boiler Feed Serv.)
- C. Iron - Follower Type w/Reg. Cure Packing (Std. for Gen. Service)
- D. Iron - Follower Type w/Rock Hard Packing (Opt. for Gen. Service)
- E. Iron - Solid Type w/Cast Iron Rings (Std. for Oil Service)
- F. Bronze - Cup Type (Optional)
- G. Iron - Cup Type (Optional)
- H. Steel - Cup Type (Optional)

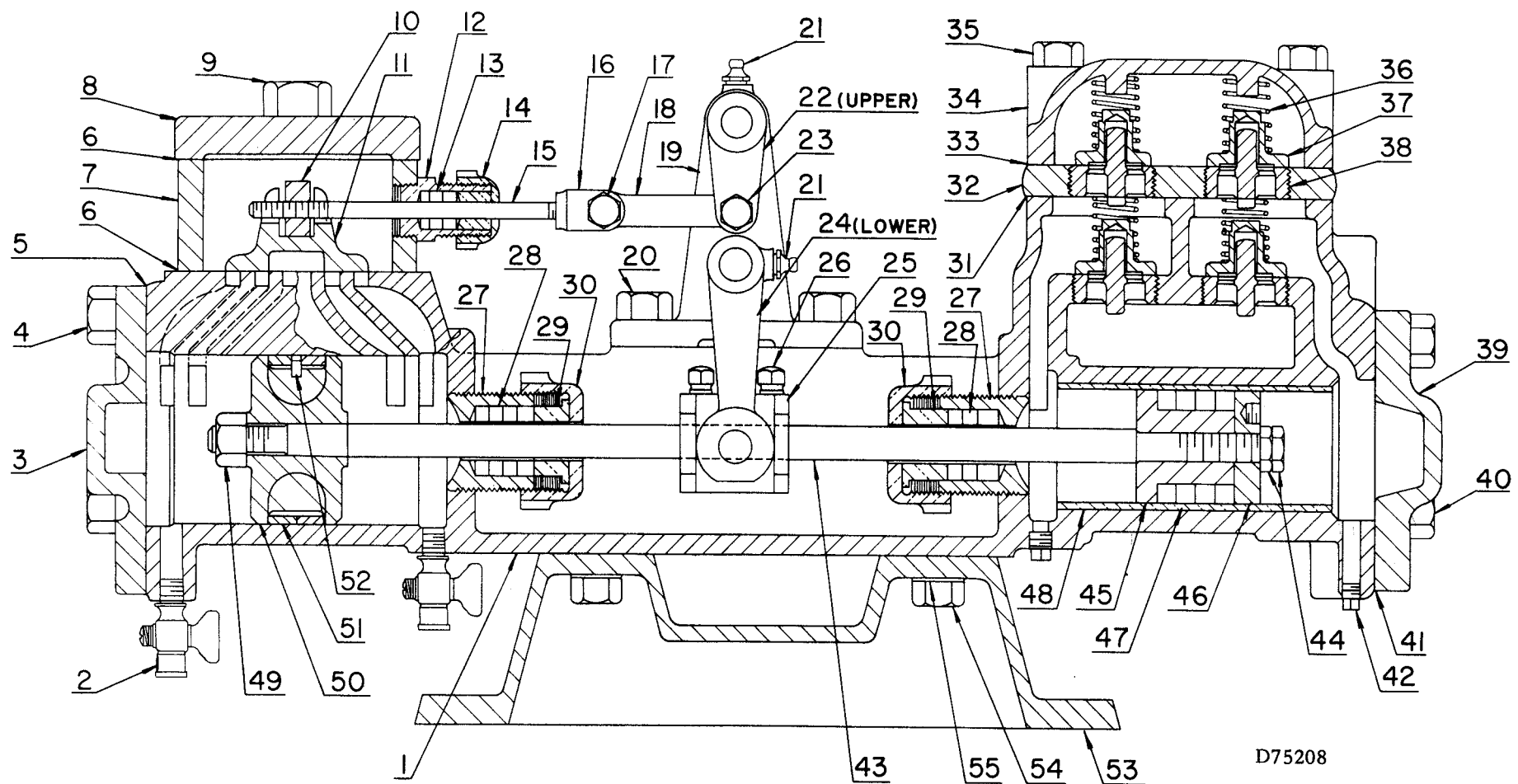
COLUMN 9 - PISTON ROD MATERIAL & PACKING SELECTIVE

- A. Bronze Rod & Braided Asbestos Packing (Std. for Wtr. & Boiler Feed Serv.)
- B. Steel Rod & Braided Asbestos Packing (Std. for Oil and General Service)
- C. Stainless Steel Rod & Braided Asbestos Packing (Optional)

COLUMN 10 - FLUID VALVE SELECTIVE

- A. Bronze - Cap Type (Std. for Water & Boiler Feed Service)
- B. Iron - Cap Type (Std. for Oil & General Service)

COLUMN 11 - OPTIONAL EQUIPMENT SELECTIVE



D75208

FOR LIST OF PARTS SEE PAGE 3.

Order by Part Number and Description. Reference Numbers for your Convenience Only.

Ref. No.	Name of Part	Qty. Req. Per Pump	All DAA Models	Ref. No.	Name of Part
Part No.					
1	ASM CYLINDER (Brz), Incl. the following 2 items and Ref. No. 2, 42 & 48	1	3AA1B	36	SPRING, Valve (Iron)
1	ASM CYLINDER (Iron), Incl. the following 2 items and Ref. No. 2, 42 & 48	1	3AA1C	37	VALVE-FLUID (Iron)
1	ASM CYLINDER (St. St.), Incl. the following 2 items and Ref. No. 2, 42 & 48	1	3AA1D	38	SEAT-VALVE (Iron)
0	PLUG - Sq Hd PIPE, Steam Exhaust Port	1	64AA7	39	HEAD-CYLINDER, Fluid End
0	PLUG - Sq Hd PIPE, Fluid End Suction	1	64A6	40	SCREW-HEX CAP, Cylinder Head to Cylinder
2	COCK, Steam End Drain	4	90C21	41	GASKET, Cylinder Head to Cylinder (Fluid End)
3	HEAD-CYLINDER, Steam End	1	1AA2	42	PLUG - Sq Hd PIPE, Fluid End Drain
4	SCREW-HEX CAP, Cylinder Head to Cylinder	5	75A12C	43	PISTON ROD (Bronze), Incl. Ref. No. 44
5	GASKET, Cylinder Head to Cylinder (Steam End)	1	25C183	44	NUT-HEX, Fluid End (Bronze)
6	GASKET, Steam Chest & Cover	2	25C184	43	PISTON ROD (Steel), Incl. Ref. No. 44
7	CHEST-STEAM	1	AA5	44	NUT-HEX, Fluid End (Steel)
8	COVER-STEAM CHEST	1	AA6	43	PISTON ROD (Stainless Steel), Incl. Ref. No. 44
9	SCREW-HEX CAP, Steam Chest & Cover to Cylinder	2	75A143C	44	NUT-HEX, Fluid End (Stainless Steel)
10	NUT, Slide Valve	2	AA30	45	BODY-PISTON (Bronze)
11	VALVE-STEAM, Slide	2	AA7	46	FOLLOWER-PISTON (Bronze)
12	BOX-STUFFING, Valve Rod	2	AA60	45	BODY-PISTON (Iron)
13	PACKING, Valve Rod	12"	60A355	46	FOLLOWER-PISTON (Iron)
14	GLAND, Stuffing Box (Valve Rod)	2	AA23	47	PACKING-RING (Regular Cure)
15	ROD-CONTROL, Valve	2	1AA25	47	PACKING-RING (Rock Hard)
16	FORK, Valve Rod	2	1AB28	0	PISTON-FLUID (Solid Iron)
17	PIN-CONTROL LINK	2	AB65	0	RING-PISTON (Iron)
18	LINK	2	AA26	0	PISTON-FLUID (Bronze-Cup Type) (Optional)
19	STAND-ROCKER	1	1AA16	0	PISTON-FLUID (Iron-Cup Type) (Optional)
20	SCREW-HEX CAP, Stand to Cylinder	2	75A4	0	PISTON FLUID (Steel-Cup Type) (Optional)
21	FITTING-LUB, Rocker Stand	2	40E9	0	CUP
22	ASM LEVER, Upper Rocker Shaft	1	AA672	48	LINER (Bronze)
23	PIN-CONTROL LINK	2	AA65	48	LINER (Iron)
24	ASM LEVER, Lower Rocker Shaft	1	AA759	48	LINER (Stainless Steel)
25	ASM CROSSHEAD, Incl. Ref. No. 26	2	AA12X	49	NUT-HEX, Steam End
26	SET SCREW - Sq Hd	4	76A42	50	PISTON-STEAM
27	BOX-STUFFING	4	1AA14	51	RING-PISTON, Steam
28	PACKING, Stuffing Box	2	60BG1	52	PIN, Steam Piston Ring
29	BUSHING-GLAND, Stuffing Box	4	AA21	53	SUPPORT-CYLINDER
30	GLAND, Stuffing Box	4	AA15	54	SCREW-HEX CAP, Support to Cylinder
31	GASKET, Valve Plate to Cylinder	1	25C186	55	WASHER-PLAIN
32	PLATE-VALVE, Discharge	1	AA36	OPTIONAL EQUIPMENT	
33	GASKET, Valve Plate to Water Cap	1	25C187	0	LUBRICATOR, Sight Feed
34	CAP-WATER, Cylinder	1	AA35	0	WRENCH, Valve Seat
35	SCREW-HEX CAP, Valve Plate & Wtr Cap to Cyl	2	75A94C	0	LUBRICATOR GROUP, Mechanical
36	SPRING, Valve (Bronze)	8	78D11	0	LUBRICATOR
37	VALVE-FLUID (Bronze)	8	AA129	0	WRENCH, Stuffing Box, Incl. the following 4
38	SEAT-VALVE (Bronze)	8	AA128	0	WRENCH
				0	STUD
				0	WASHER-PLAIN
				0	NUT-HEX
				0	WRENCH, Stuffing Box Gland Spanner

0 Not shown on illustration.

INSTRUCTIONS FOR ORDERING REPAIR PARTS

When ordering parts, specify complete eleven (11) character Pump Model, Size and Serial Number (see name plate on pump). Serial Number is also stamped on cylinder end of frame.

All orders for Parts should be placed with the nearest Sales and Service Office.

Reference numbers shown in the left hand column of the Parts Lists are used to help locate the parts shown on the Drawings and Sectional Views. **DO NOT ORDER BY REFERENCE NUMBERS.**

After locating the reference number, the part number may be found for your particular pump unit under the correct Model Number column.

Specify exactly the number of parts required (see column "Qty. Req. Per Pump"). **DO NOT ORDER BY SETS.**

To determine the Right Hand and Left Hand side of the pump, stand at the steam end and face the fluid end of the pump

PARTS RETURNED

All claims must be made within five days after receipt of goods. If order has been filled correctly, we cannot allow the return of the goods without our consent and then only on a basis of a charge for service and rehandling plus transportation charges.

Transportation charges must be prepaid. If it is necessary to return a part to the factory for duplication or inspection, do not fail to do the following:

1. Write the nearest Sales and Service Office a letter advising what material you wish to return and why.
2. After receiving permission to return the item or items, obtain from the Sales and Service Office the correct forms filled out by that office for the proper return of material.
3. Place a tag in the package showing your name and address.
4. Tag each article in the box or package stating what and how many are returned.
5. Always give the serial number of the machine from which the parts were removed or the invoice number on which the parts were originally shipped.

All parts returned for credit should be handled in the same manner as that for duplication or inspection.

北京

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