



BOSCH.....

REPAIR PARTS

VARIABLE VOLUME VANE PUMP SPRING COVERED



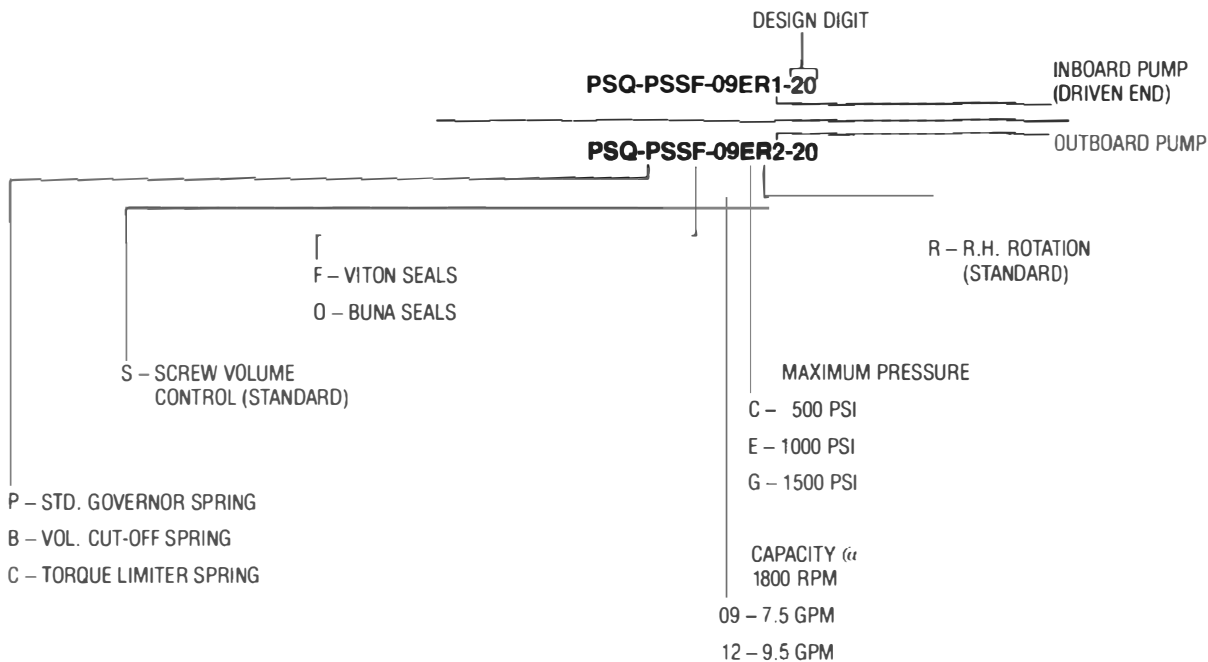
MODEL PSQ/PSQ (COMBINATION)	500 PSI
	1000 PSI
	1500 PSI
	7.5 GPM
	& 9.5 GPM

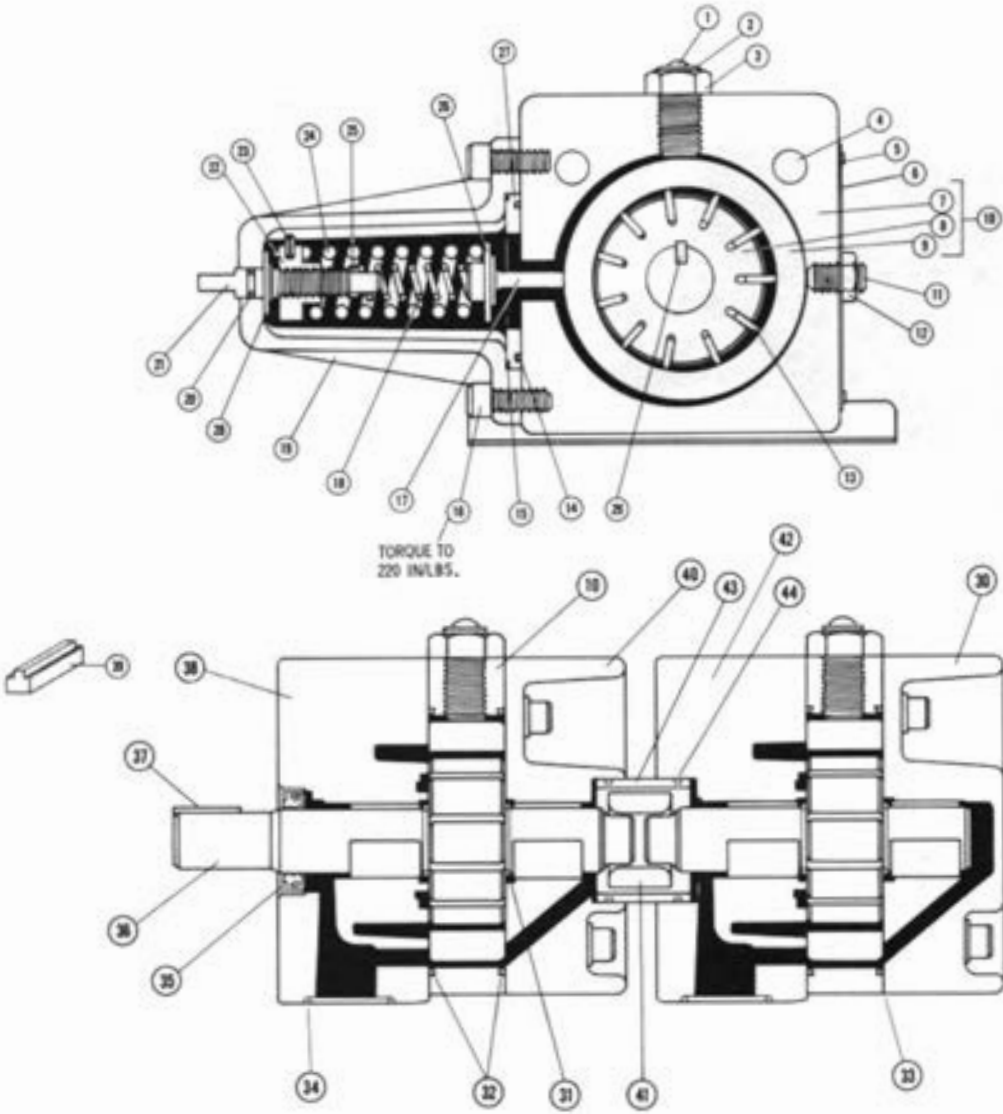
MANIFOLD MOUNTED

WHEN ORDERING PARTS, FURNISH:

1. COMPLETE CODE NUMBER
2. PARTS REQUIRED
3. SHIPPING INSTRUCTIONS

WRITE FACTORY FOR NEAREST AUTHORIZED
PARTS AND SERVICE CENTER.





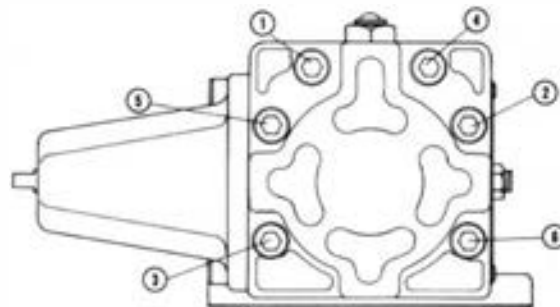
Ref. No.	Part No.	Description	Qty.
1	492440	Delrin Ball	2
2	309178	Thrust Screw	2
3	492439	Lock Nut	2
4	491842	Dowel Pin	4
5	491865	Rivet	4
6	492637	Nameplate	2
7	See	Center Body	2
8	Item	Rotor	2
9	#10	Pressure Ring	2
10	778544	Matched Rotating Group - 7.5 GPM	2
10	778545	Matched Rotating Group - 9.5 GPM	2
11	491845	Volume Control Screw	2
12	401011	Lock Nut	2
13	778277	Vane Set	2
14	407105	O-Ring, 1/16 x 1-1/2 x 1-5/8	2
15	406712	O-Ring, 3/32 x 1-11/16 x 1-7/8	2
16	400798	Screw, 5/16-18 x 3/4	4
17	309177	Steel Spring Seat	2
18	408706	Spring	2
19	222823	Governor Housing	2
20	406270	O-Ring, 1/16 x 1/4 x 3/8	2
21	309038	Adjusting Screw	2
22	309039	Adjustable Spring Seat	2
23	402265	Roll Pin	2
24	492469	Spring, Std. Governor	2
24	492500	Spring, 'B' Governor	2
24	492471	Spring, 'C' Governor	2

Ref. No.	Part No.	Description	Qty.
25	404864	Roll Pin	2
26	491872	Washer	2
27	222824	Seal Plate	2
28	492468	Thrust Washer	2
29	492155	Woodruff Key	2
30	725530	End Body Assy.	1
31	492150	Retaining Ring	4
32	492011	O-Ring, .070 x 3.30 x 3.44	4
33	491902	Shim (.0015)	2
*34	725559	O-Ring Kit	1
35	491867	Shaft Seal	1
36	309207	Keyed Shaft - Drive Pump	1
36	309206	Shaft - Rear Pump	1
37	492155	Key	1
38	725536	Front Body Assy.	1
39	492163	Key (Retrofit PSQ to PVQ)	1
40	725581	End Body Assy. (Inboard Pump)	1
41	222987	Coupling	1
42	725538	Front Body Assy. (Outboard Pump) 7.5 GPM	1
42	725541	Front Body Assy. (Outboard Pump) 9.5 GPM	1
43	308974	Coupling Sleeve	1
44	407105	O-Ring, 1/16 x 1-5/8 x 1-3/4	2

*Contains (6) 406555 O-ring 3/32 x 13/16 x 1 and Installation Page.

Viton Seal Kit #794426 includes shaft seal which is also part of body assembly.
(2 kits are required.)
Buna Seal Kit not available.

TORQUE SEQUENCE



Notes: Bolt torquing must be done in sequence below to avoid damaging covers.

(1) Torque sequence for Cap Screws:

(A) Torque 6 screws on rear cover to 50-100 in.-lbs. in numerical order as shown.

(B) Torque 6 screws on rear cover to 360 ± 40 in.-lbs. in numerical order as shown.

(2) Prior to assembly, coat both faces of rotor with lubricant 492273 (STP)

(3) 492440 ball is to be peened into socket after test, and thrust screw setting rechecked.

SUBPLATE MOUNTED

Ref. No.	Part No.	Description	Qty.
1,4	400814	Cap Screws	2
2,3,5,6	400807	Cap Screws	4

