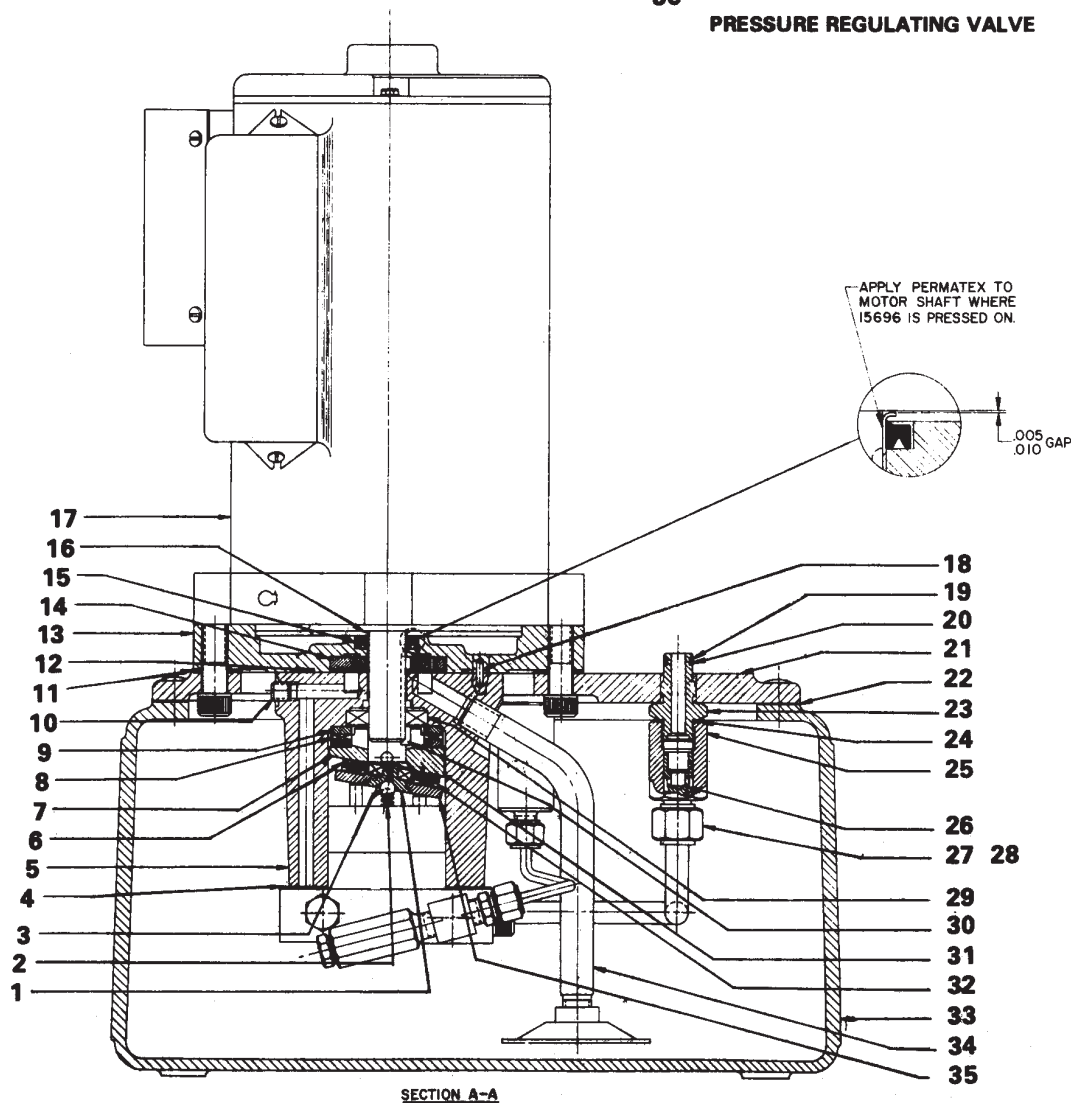
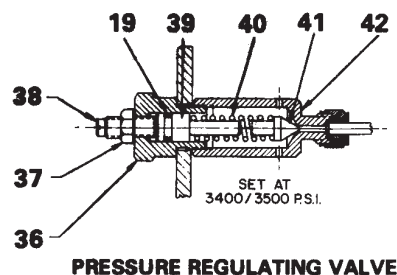
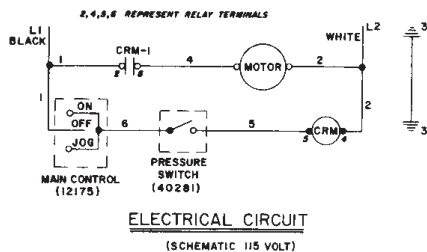


LOW SPEED ELECTRIC PUMP WITH 3-WAY, 4-WAY, VALVE OR MANIFOLD



Parts List, Form No. 16302, Back sheet 1 of 3

Item No.	Part No.	No. Req'd	Description
1	23547	1	Top Bearing Plate
2	10361	1	Compression Spring
3	10375	1	Steel Ball (1/4 DIA.)
4	27776	1	Gasket
5	50752	1	Pump
6	15432	1	Needle Thrust Race
7	35271	1	Angle Plate
8	11228	1	Needle Thrust Bearing
9	11227	2	Needle Thrust Race
10	11084	1	Pipe Plug (1/8 N.P.T.F.)
11	35541	1	Gasket
12	15690	1	O-ring (2-5/8 x 2-1/2 x 1/16)
13	50751	1	Gerotor Housing
14	15693	1	Gerotor Set
15	15694	1	Shaft Seal
16	15696	1	Wear Sleeve
17	15692-WH2	1	Electric Motor
18	10808	1	Dowel Pin (1/8 DIA. x 3/8 LG.)
19	10268	2	O-ring (1/2 x 3/8 x 1/16 C.S.)
20	10311	1	Backup Washer (1/2 x 3/8 x 1/16)
21	50851	1	Reservoir Cover
22	40164	1	Gasket – Reservoir
23	201817	1	Connector
24	10261	1	Copper Washer
25	201879	1	Check Valve Body
26	20771	1	Poppet
27	10430	1	Tube Sleeve
28	10431	1	Tube Nut
29	15695	1	Ball Bearing
30	200798	1	Key
31	11814	1	Ball Bearing
32	15431	1	Needle Thrust Bearing
33	40063-PU2	1	Reservoir
34	200799	1	Intake Tube
35	23548	1	Top Plate
36	21305	1	Valve Cap
37	10386	1	Hex. Jam Nut (3/8-24)
38	22362	1	Valve Adj. Screw
39	21306	1	Spring Guide
40	10495	1	Comp. Spring
41	21046	1	Valve Stem
42	22361	1	Body - Regulator
	100235	1	Valve for 100215 (Not Shown)
	100237	1	Manifold for 100210 (Not Shown)
	100238	1	Gauge – 5,000 PSI (Not Shown)

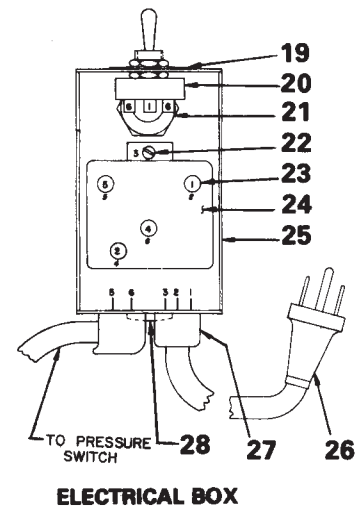
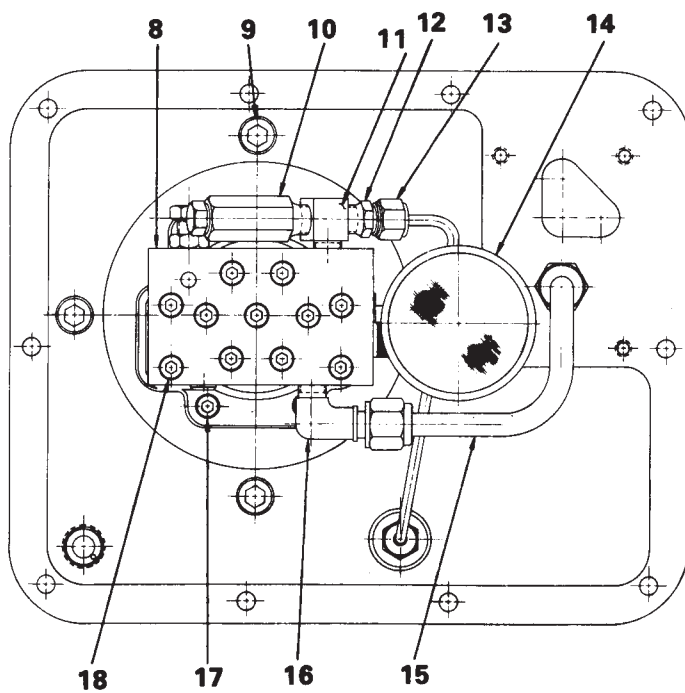
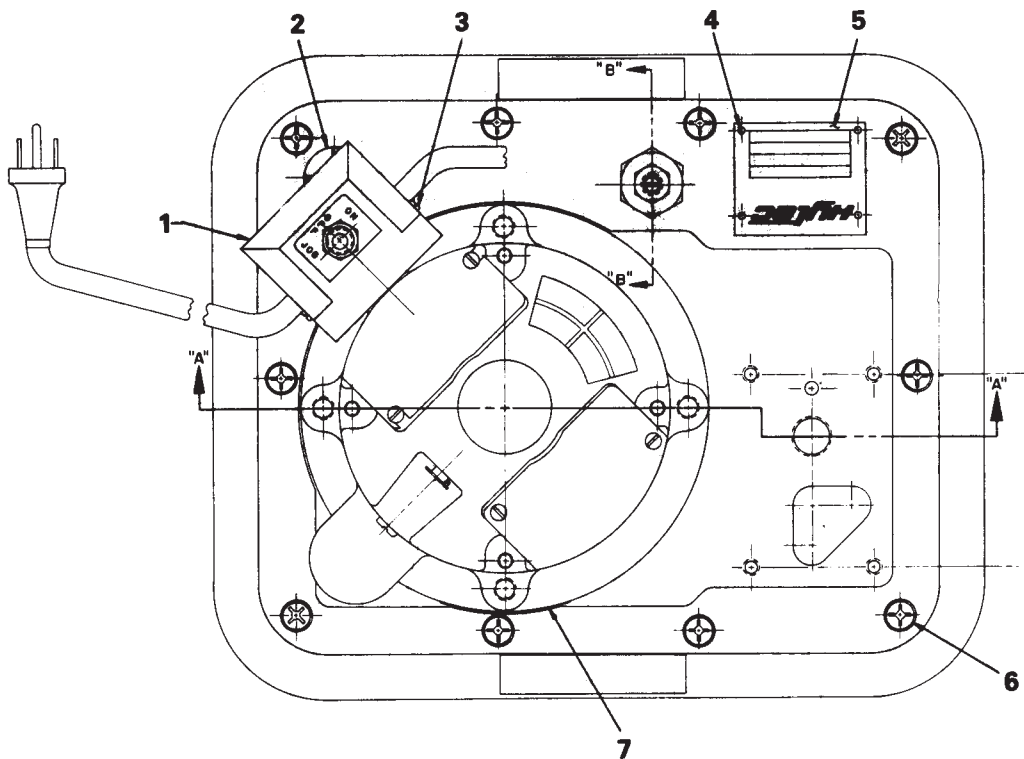
ASSEMBLY INSTRUCTIONS

1. To press sleeve on motor shaft, first apply a thin coat of permatex around shaft at location of sleeve. When pressing sleeve in place support end of shaft so bearing does not take the shock or load. Press sleeve to within .005/.010 gap between sleeve and face of motor end bell housing. Remove excess permatex and have sleeve and shaft clean.

TO ASSEMBLE PUMP

2. Assembly of this pump is best accomplished when motor stands on end – **shaft end up**.
3. Slide motor mount pump housing #50751 onto shaft and seat on pilot of motor. Rotate housing so it is positioned for correct orientation of motor and pump.
4. Assemble gerotor set #15693, o-ring #15690, dowel pin #10808, and cover gasket #35541 to housing #50751.
5. Place cover #50851 on pump housing #50751 and orient to correct position with motor.
6. Add screws #12577 to secure cover, pump housing, and motor together and torque to 90/100 in. lbs.
7. Center keyway of gerotor star to keyway in motor shaft. Insert and interlock key #200798 in pump housing #50752. **Without rotating motor shaft**, engage key in keyway of motor shaft and slide pump housing #50752 on shaft and into position. Key must engage gerotor star at this time, when key is engaged in gerotor star, housing can be rotated to engage with dowel pin.
8. Add screw #10016 to secure pump housing #50752 to pump housing #50751 and torque to 90/100 in. lbs.
9. Note! – Intake tube #200799 and ball bearing #15695 must be assembled to pump housing #50752 before assembling to gerotor pump housing #50751.

TOP & BOTTOM VIEWS



Parts List, Form No. 16302, Back sheet 2 of 3

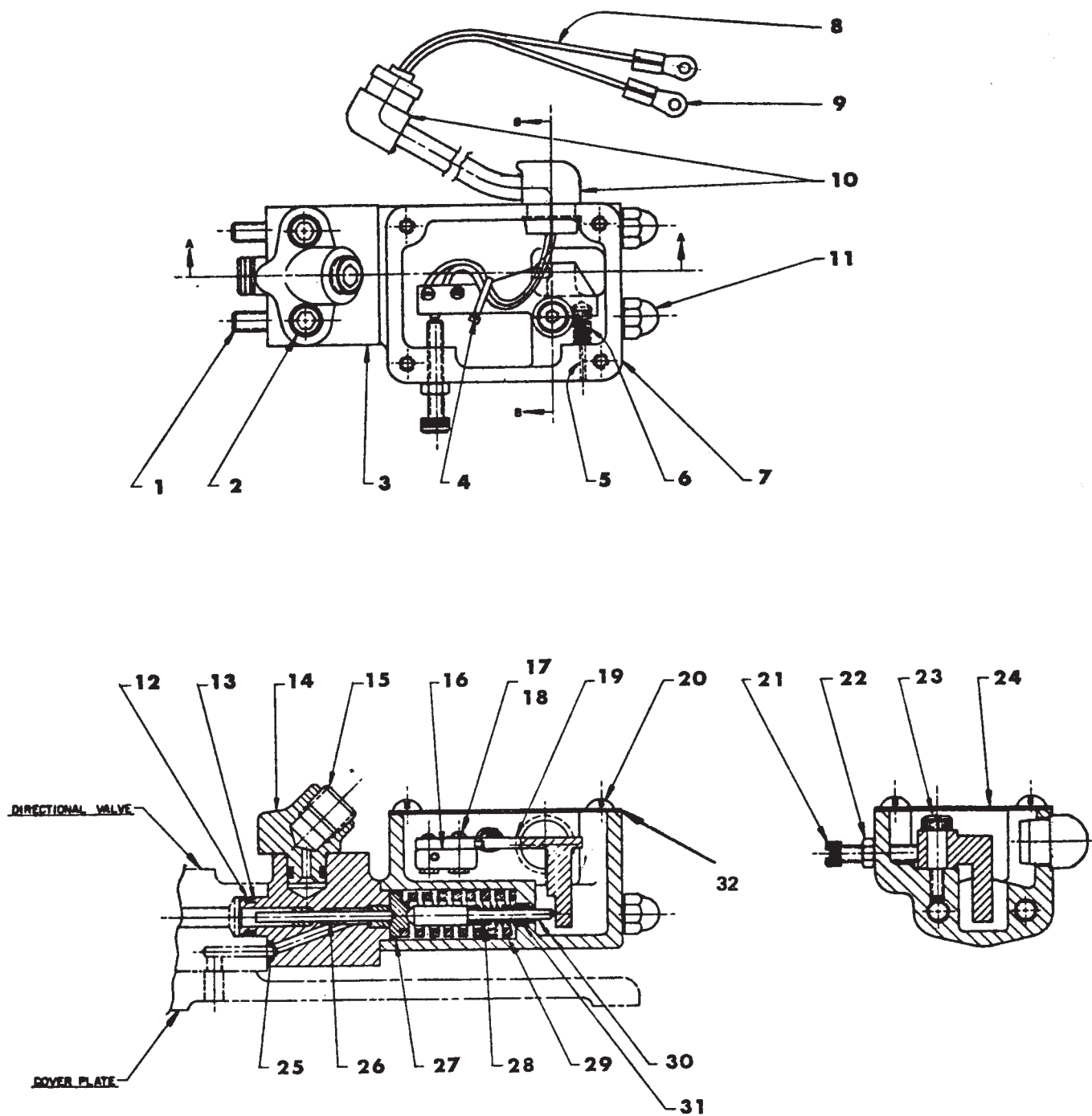
Item No.	Part No.	No. Req'd	Description
1	32083	1	Switch Box Cover
2	20937	1	Filler Cap
3	11141	4	Self Tapping Screw
4	10575	4	Drive Screw
5	201491	1	Name Plate for 100210
	201492	1	Name Plate for 100215
6	10177	10	Mach. Screw (1/4-20 x 3/4 LG.)
7	12967	1	Decal – Patent Pending
8	36922	1	High Pressure Pump Ass'y
9	12577	4	Soc. Hd. Cap Scr. (3/8-16 x 1-3/4 LG.)
10	21278	1	Relief Valve Ass'y
11	24702	1	Tee
12	14844	1	Tube Conn. (1/8 N.P.T. x 3/16 Tube)
13	201549	1	Oil Line Ass'y
14	29682	1	Strainer
15	36415	1	Oil Line
16	10475	1	90° tube Elbow
17	10016	4	Soc. Hd. Cap Scr. (1/4-20 x 1" LG.)
18	10020	4	Soc. Hd. Cap Scr. (1/4-20 x 1-1/4 LG.)
19	25926	1	Switch Name Plate
20	12175	1	Switch
21	11202	1	Hex. Bushing
22	13897	1	Self Tapping Screw #8
23	10447	4	Mach. Screw
24	13922	1	Relay
25	42317	1	Control Box
26	24733	1	Motor Cord Ass'y
27	14700	1	Strain Relief Bushing
28	11455	1	Snap Plug

Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine Hytec replacement parts!**

Additional questions can be directed to our Technical Services Department.

PRESSURE SWITCH ASSEMBLY



Parts List, Form No. 16302, Back sheet 3 of 3

Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	20845	2	Tie Rod	17	10157	2	Machine Screw
2	10006	2	Cap Screw	18	10193	2	Hex Nut (NO. 2-56)
3	20904	1	Pressure Switch Body	19	21013	1	Lever
4	12313	1	Clamp	20	10164	4	Machine Screw
5	10487*	1	Roll Pin	21	14488	1	Cap Screw
6	11024*	1	Spring	22	10197	1	Hex Nut (NO. 14-24)
7	30396	1	Pressure Switch Housing	23	10484	1	Shoulder Screw
8	11423	30"	Cable	24	21008	1	Cover
9	10458	2	Terminal – Ring	25	10264*	1	O-ring
10	11433	2	Strain Relief Bushing	26	23062	1	Dowel Pin
11	10486	2	Acorn Nut	27	21007	1	Spring Button
12	10268*	2	O-ring (1/2 OD)	28	10361*	1	Spring (1/4 OD)
13	10311*	2	Backup Washer	29	11025*	1	Spring (9/16 PD)
14	20866	1	Gauge Fitting	30	21006	1	Thrust Pin
15	10479	1	Pipe Plug	31	25303*	1	Bushing
16	10489	1	Basic Switch	32	200321*	1	Gasket

* Part numbers marked with an asterisk (*) are contained in Repair Kit No. 27334

Refer to any operating instructions included with this product for detailed information about operation, testing, disassembly, reassembly, and preventive maintenance.

Items found in this parts list have been carefully tested and selected. **Therefore: Use only genuine Hytec replacement parts!**

Additional questions can be directed to our Technical Services Department.