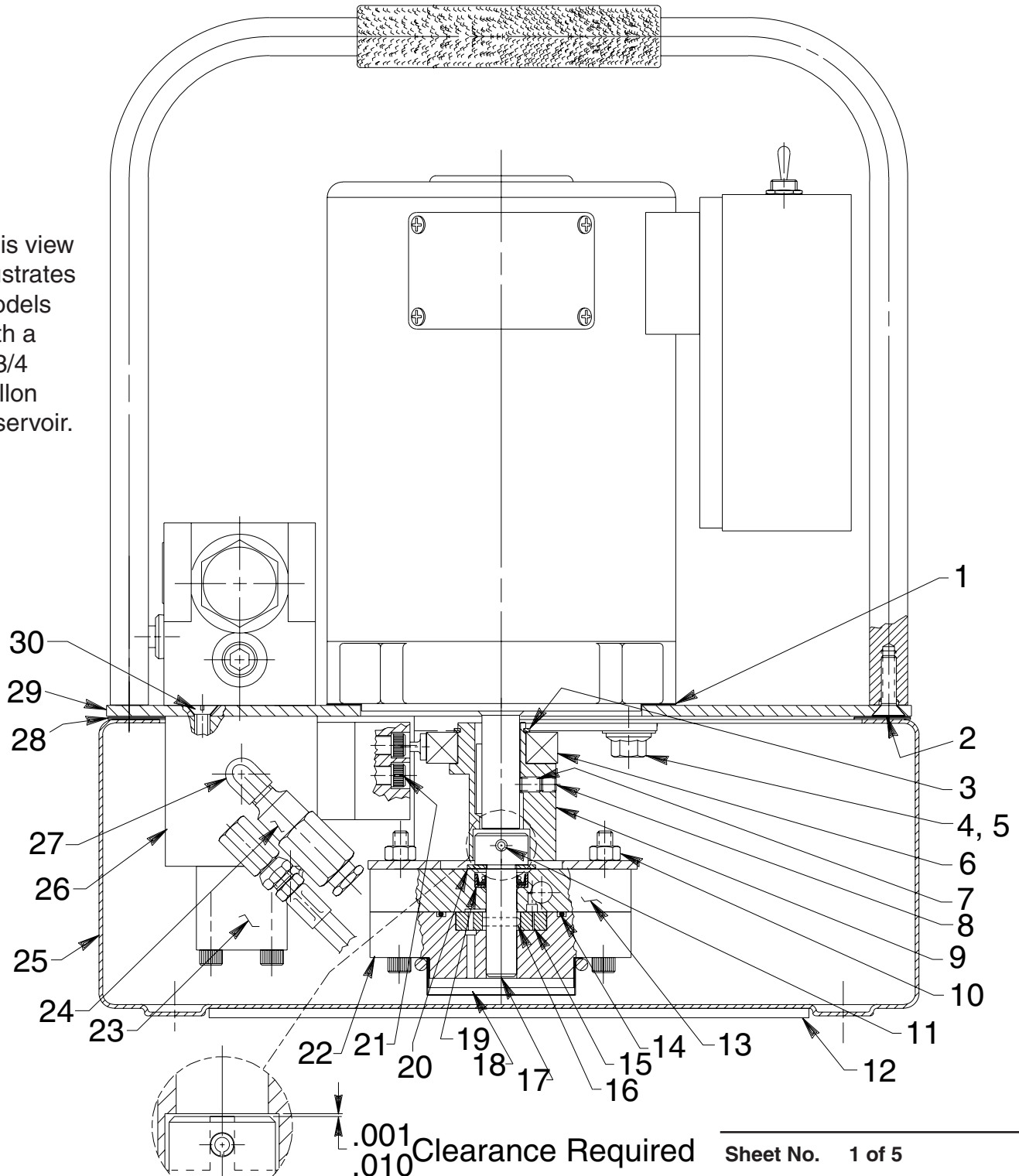
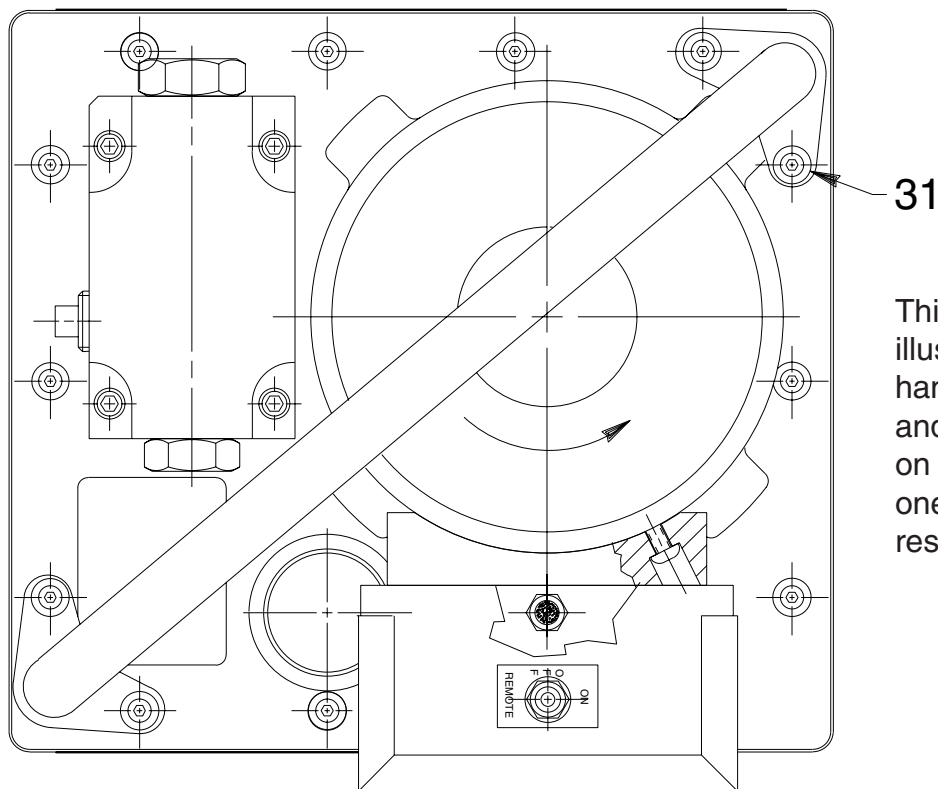


ELECTRIC HYDRAULIC PUMP

Max. Capacity: 10,000 PSI

This view illustrates models with a 1-3/4 gallon reservoir.





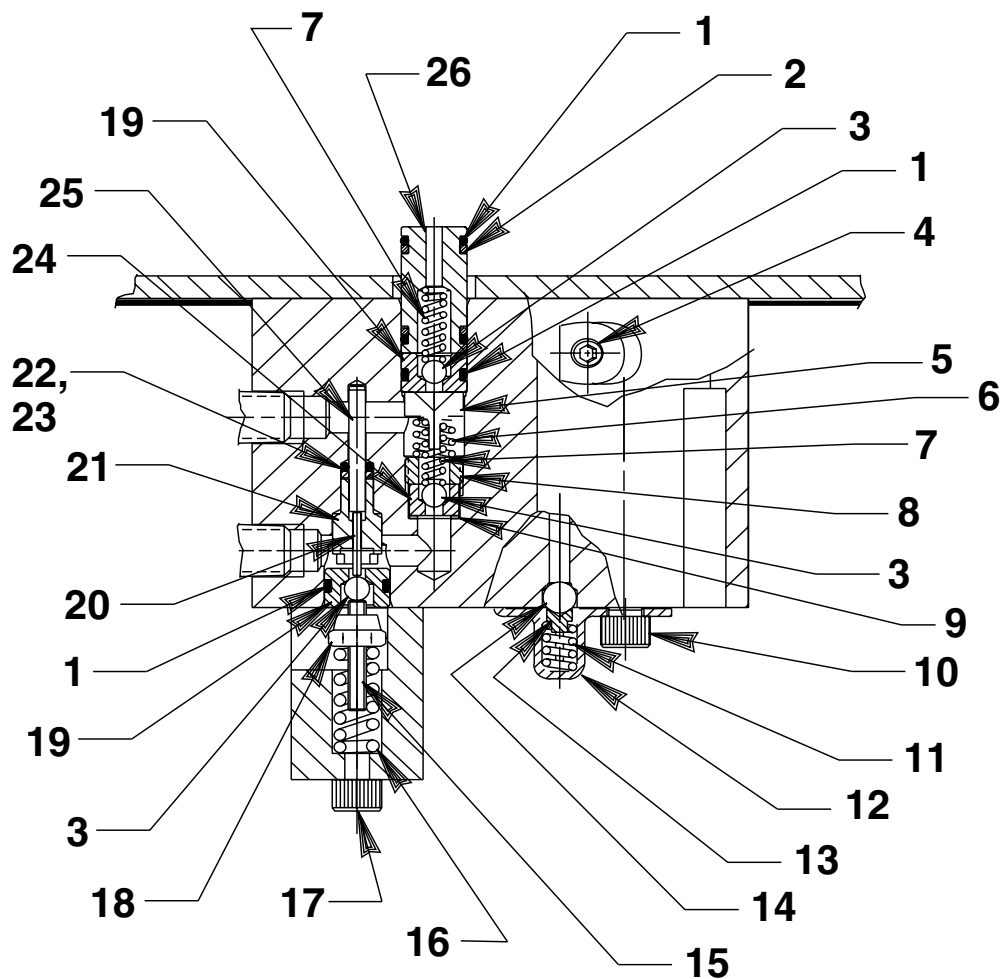
This view illustrates the handle orientation, and its mounting, on models with a one gallon reservoir.

Item No.	Part No.	No. Req'd	Description
1	351060	1	Motor Base Gasket
2	11529	4	Cap Screw (1/4-20 UNC x 3/4 Lg.; Apply Loctite No. 242 or equiv. and torque to 70 in. lbs. - For PE302A-2 & PE302A-2-220)
3	209798	1	Retaining Ring
4	213663	4	Cap Screw (3/8-16 UNC X 1" Lg.)
5	10258	4	Washer (For 3/8 bolt)
6	209805	1	Ball Bearing
7	10136	1	Set Screw (1/4-20 UNC x 1/4 Lg.; Torque to 70 in. lbs.)
8	10519	1	Set Screw (1/4-20 UNC X 3/8 Lg.; Torque to 70 in. lbs.)
9	420840	1	Eccentric
10	10199	2	Hex Nut (1/4-20 UNC)
11	12298	1	Roll Pin (3/16 dia. x 1-1/2" Lg.)
12	420427	1	Rubber Pad (For PE302A-2 & PE302A-2-220)
	420948	1	Rubber Pad (For PE302A & PE302A-220)
13	64623	1	Upper Gerotor Housing
14	10922	1	O-ring (2-1/8" X 1-15/16" X 3/32)
15	304826	1	Gerotor
16	209794	1	Gerotor Drive Pin
17	350940	1	Gerotor Shaft
18	21846	1	Filter Support
19	304830	1	Oil Seal

Item No.	Part No.	No. Req'd	Description
20	12595	1	Washer (1-1/8" X 1/2 X .077 Thk.)
21	10022	4	Screw (1/4-20 UNC X 1-1/2" Lg.; Torque to 190 in. lbs.)
22	64580	1	Gerotor Housing
23	350930	1	Retaining Block
24	21278	1	Relief Valve Assembly (Set at 10,100/10,700 PSI)
25	64665OR9	1	Reservoir (1 Gal. - For PE302A & PE302A-220)
	64241OR9	1	Reservoir (2 Gal. - For PE302A-2 & PE302A-2-220)
26	64612	1	Check Body
27	13229	1	Street Elbow
28	420931	1	Reservoir Gasket (For PE302A & PE302A-220)
	420424	1	Reservoir Gasket (For PE302A-2 & PE302A-220)
29	64666BK2	1	Cover Plate (For PE302A PE302A-220)
	64579BK2	1	Cover Plate (For PE302A-2 & PE302-2-220)
30	11529	2	Screw (1/4-20 UNC x 3/4 Lg.)
31	15911	4	Cap Screw (1/4-20 5/8 Lg.; (Torque to 60/80 in. lbs. - For PE302A & PE302A-220)

Note: Shaded areas reflect last revision(s) made to this form.

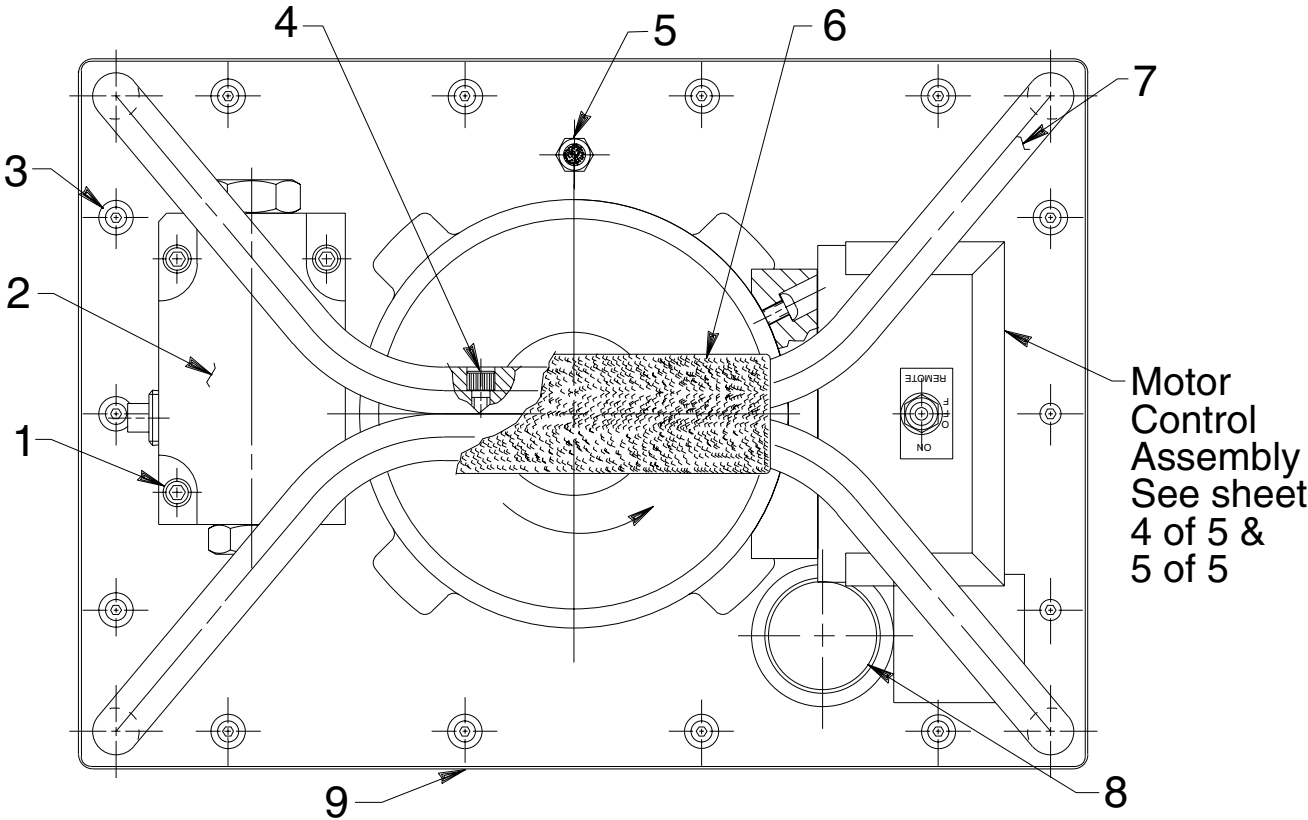
HIGH PRESSURE PUMP ASSEMBLY



Item No.	Part No.	No. Req'd	Description
1	10268	4	O-ring (1/2 X 3/8 X 1/16)
2	11863	2	Backup Washer (1/2 X 3/8 X 1/16)
3	12223	4	Ball (3/16 Dia.)
4	15130	1	Plug (1/16 NPTF)
5	251601	1	Outlet Ball Stop
6	10444	1	Compression Spring (3/16 I.D. X 13/32 Lg.)
7	10445	1	Compression Spring (5/32 O.D. X 3/4 Lg.)
8	209797	1	Hollow Lock Screw (7/16-20 UNF-3A; Torque to 110/130 in. lbs.)
9	10442	1	Washer (3/8 X 1/4 X 1/32)
10	10002	1	Cap Screw (1/4-20 UNC X 3/8 Lg.; Torque to 60/80 in. lbs.)
11	15691	1	Compression Spring (1/4 O.D. X 5/8 Lg.)

Item No.	Part No.	No. Req'd	Description
12	350577	1	Spring Retainer
13	200796	1	Adapter
14	10374	1	Steel Ball (7/32 Dia.)
15	251067	1	Set Screw (Unloading valve; #10-24 UNC x 1" Lg.)
16	14484	1	Compression Spring (3/8 O.D. X 1" Lg.)
17	10854	2	Cap Screw (1/4-20 UNC X 1-3/4" Lg.; Torque to 60/80 in. lbs.)
18	207405	1	Locknut (10-24 UNC)
19	251065	2	Replaceable Seat
20	251611	1	Dowel Pin (5/8 X 1/2 Lg.)
21	251068	1	Guide
22	17797	1	O-ring (1/4 X 1/8 X 1/16)
23	214992	1	Backup Ring (15/64 x 1/8 x 3/64)
24	209787	1	Replaceable Seat
25	16471	1	Dowel Pin (1/8 dia. x 1" Lg.)
26	251581	1	Bushing

TOP VIEW



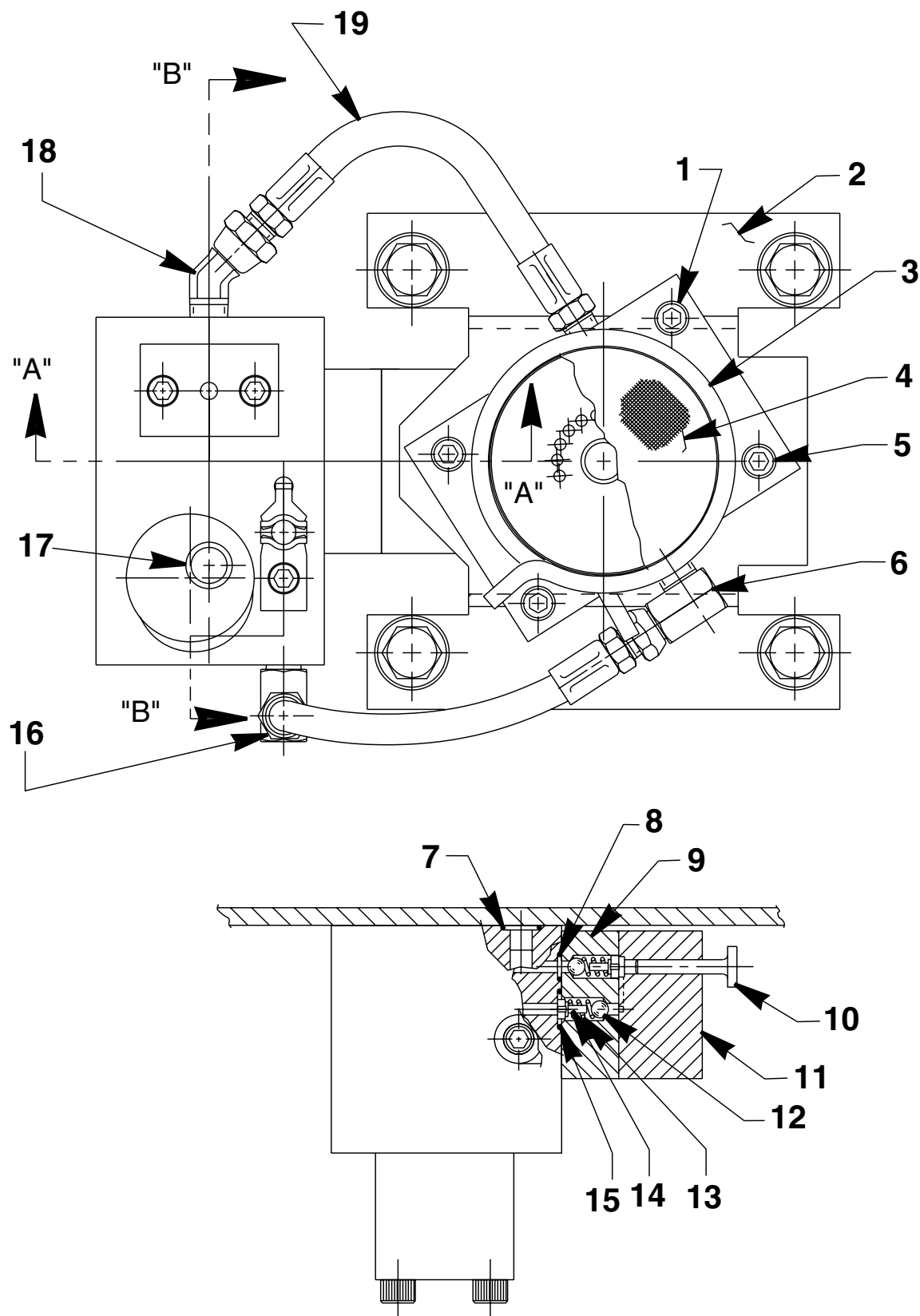
Item No.	Part No.	No. Req'd	Description
1	10890	4	Cap Screw (1/4-20 X 2" Lg.)
2	9610	1	Automatic Valve Assembly (See Form No. 101200)
3	15911	14	Cap Screw (1/4-20 X 5/8 Lg.; Torque to 60/80 in. lbs. Note: On models with a one gallon reservoir, four of these mount the handle also [see back sheet 1 of 5].)
4	10008	2	Cap Screw (For PE302A-2 & PE302A-2-220 only)
5	251599	1	Breather Filter Vent
6	251600	1	Handle Grip (For PE302A-2 & PE302-2-220 only)
7	64677BK2	1	Handle (For PE302A & PE302A-220)
	64582BK2	1	Roll Cage Frame (For PE302A-2 & PE302A-2-220)
8	350925	1	Filler Cap
9	309219	2	Trade Name Decal (For PE302A & PE302A-220)
	309221	2	Trade Name Decal (For PE302A-2 & PE302-2-220)

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 Power Team replacement parts!**

Additional questions can be directed to our Technical Services Department.

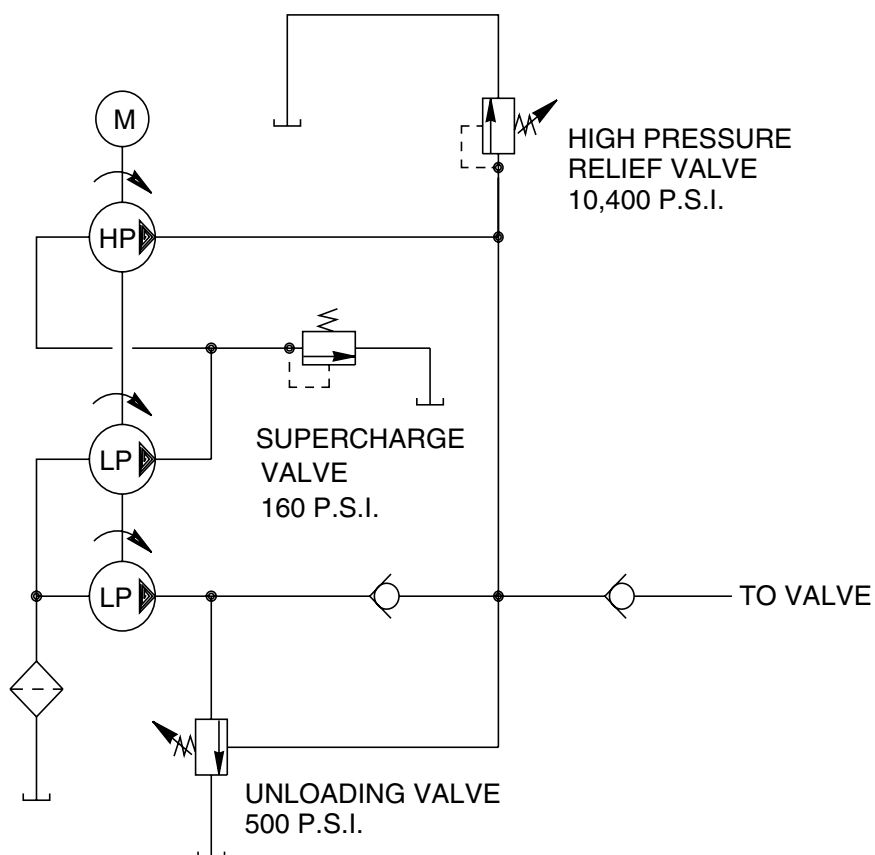
BOTTOM VIEW AND SECTION A-A



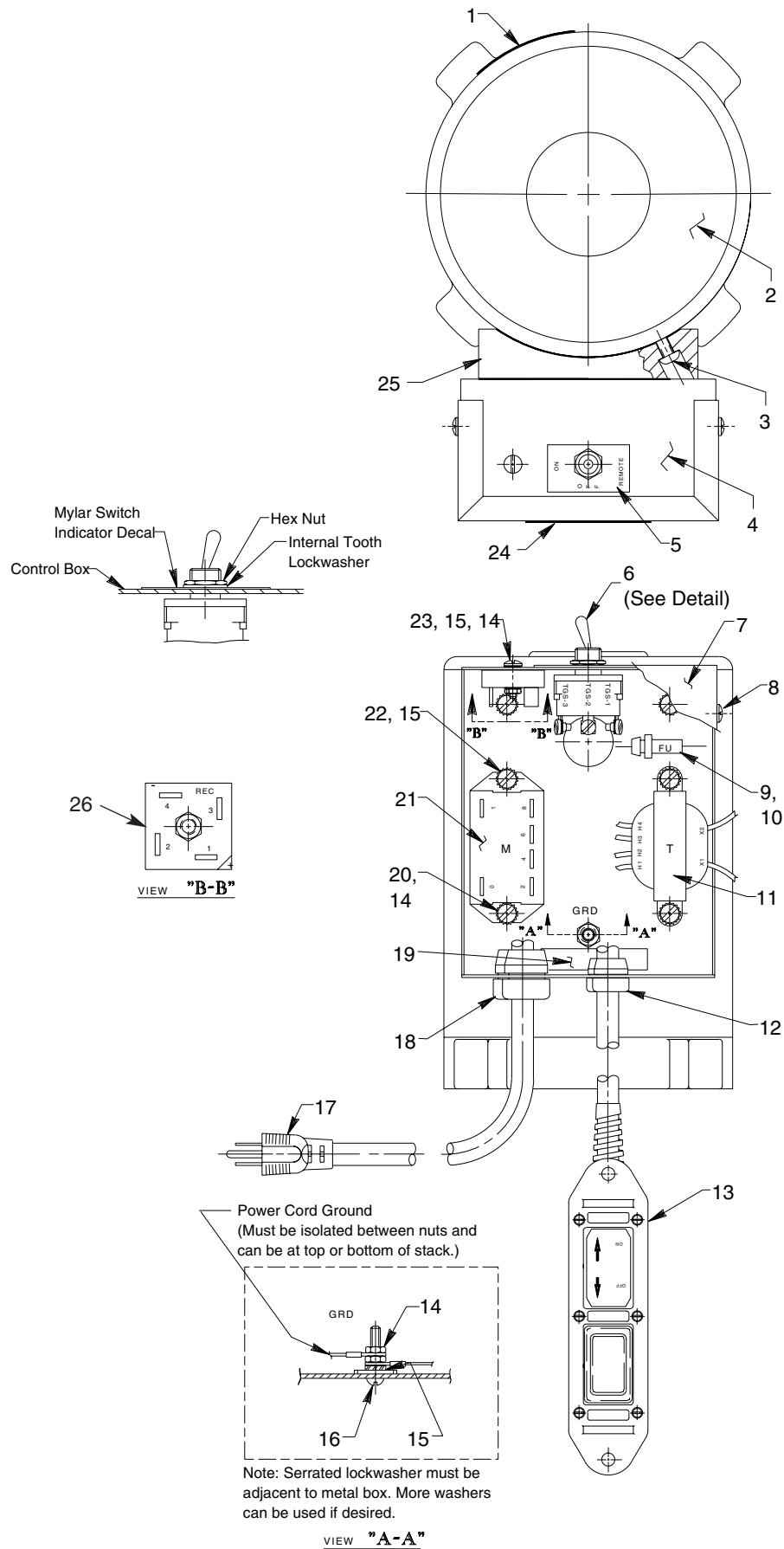
Item No.	Part No.	No. Req'd	Description
1	10022	2	Cap Screw (1/4-20 UNC X 1-1/2" Lg.; Torque to 60/80 in. lbs.)
2	58481	1	Gerotor Housing Bracket
3	11461	1	Hose Clamp
4	21608	1	Filter
5	10890	2	Cap Screw (1/4-20 UNC X 2" Lg.; Torque to 60/80 in. lbs.)
6	14440	1	90° Elbow Fitting
7	15279	1	O-ring (1/2 X 3/8 X 1/16)
8	10265	1	O-ring (5/16 X 3/16 X 1/16)
9	45559	1	Block
10	305526	1	High Pressure Piston

Item No.	Part No.	No. Req'd	Description
11	45866	1	Block
12	12223	1	Ball (3/16 Dia.)
13	10445	2	Compression Spring (5/32 O.D. X 3/4 Lg.)
14	24549	2	Ball Guide
15	14763	1	O-ring (7/16 X 5/16 X 1/16)
16	13229	1	Elbow
17	250630	1	Drain Tube
18	251800	1	Elbow Fitting
19	304819	2	Hose Assembly

HYDRAULIC SCHEMATIC



MOTOR & CONTROL ASSEMBLY 110/115 V., 50/60 Hz.



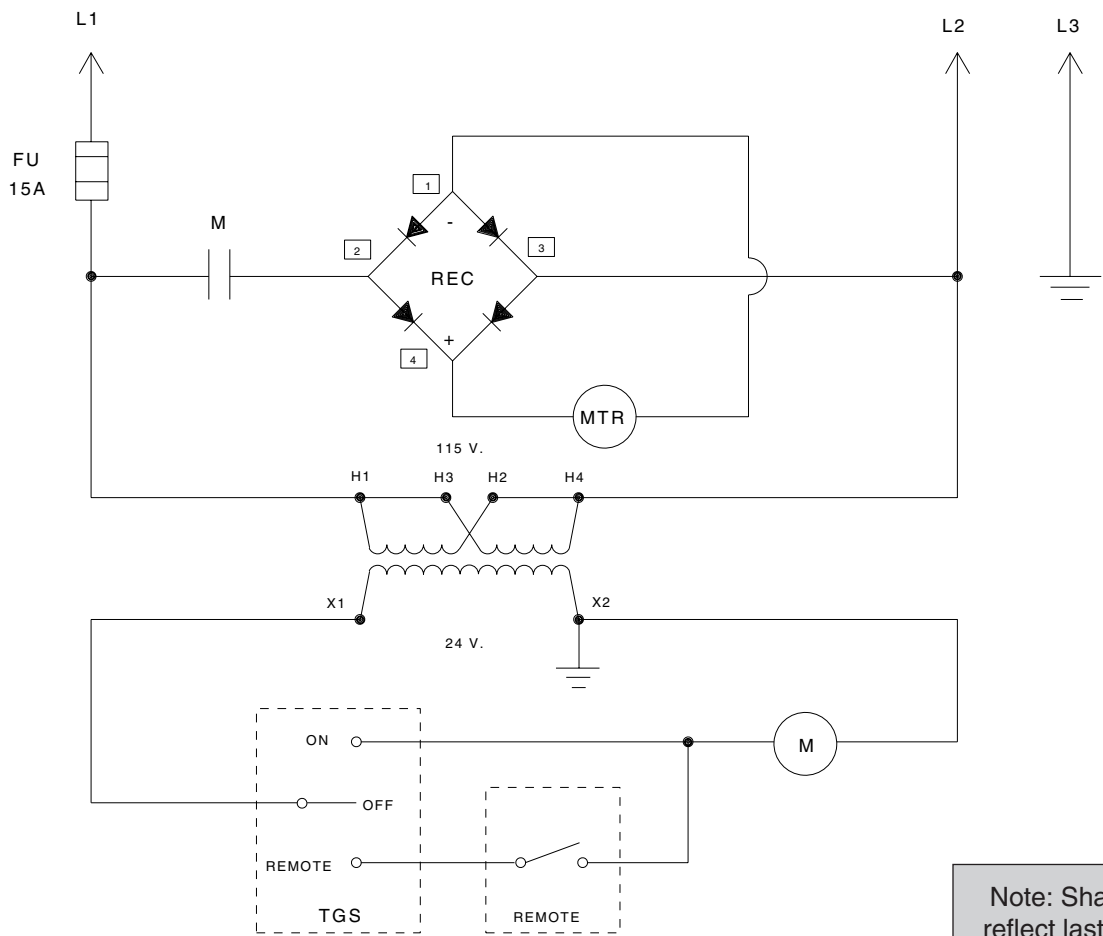
Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	351024	1	Decal	15	11108	8	Lockwasher (#10 External Tooth)
2	*420838BK2	1	Electric Motor (115 V.)	16	11856	1	Machine Screw (#10-24 X 1" Lg.)
3	12316	2	Screw	17	25229	1	Cord Set (115 V.)
4	58558BK2	1	Electrical Control Box	18	210112	1	Strain Relief Bushing
5	25802	1	Indicator Plate	19	205189	1	Ground Decal
6	12665	1	Toggle Switch	20	10164	2	Slotted Screw (#10-24 UNC X 3/8 Lg.)
7	42576BK2	1	Control Box Cover	21	251638	1	Relay
8	11141	4	Tap Screw (#6-20 X 3/8 Lg.)	22	12909	4	Machine Screw
9	252288	1	Fuse (15 AMP)	23	10167	1	Machine Screw (#10-24 UNC X 3/4 Lg.)
10	16887	1	Fuse Holder	24	200188	1	Decal
11	251049	1	Transformer	25	420962	1	Mounting Adapter
12	15993	1	Strain Relief Bushing	26	251050	1	Rectifier
13	25017	1	Hand Switch Assembly (See Form No. 101644)				
14	10197	3	Nut (#10-24 UNC)				

* Note: For replacement brushes, order(2) #252958.

ELECTRIC SCHEMATIC
110/115 V., 50/60 Hz.

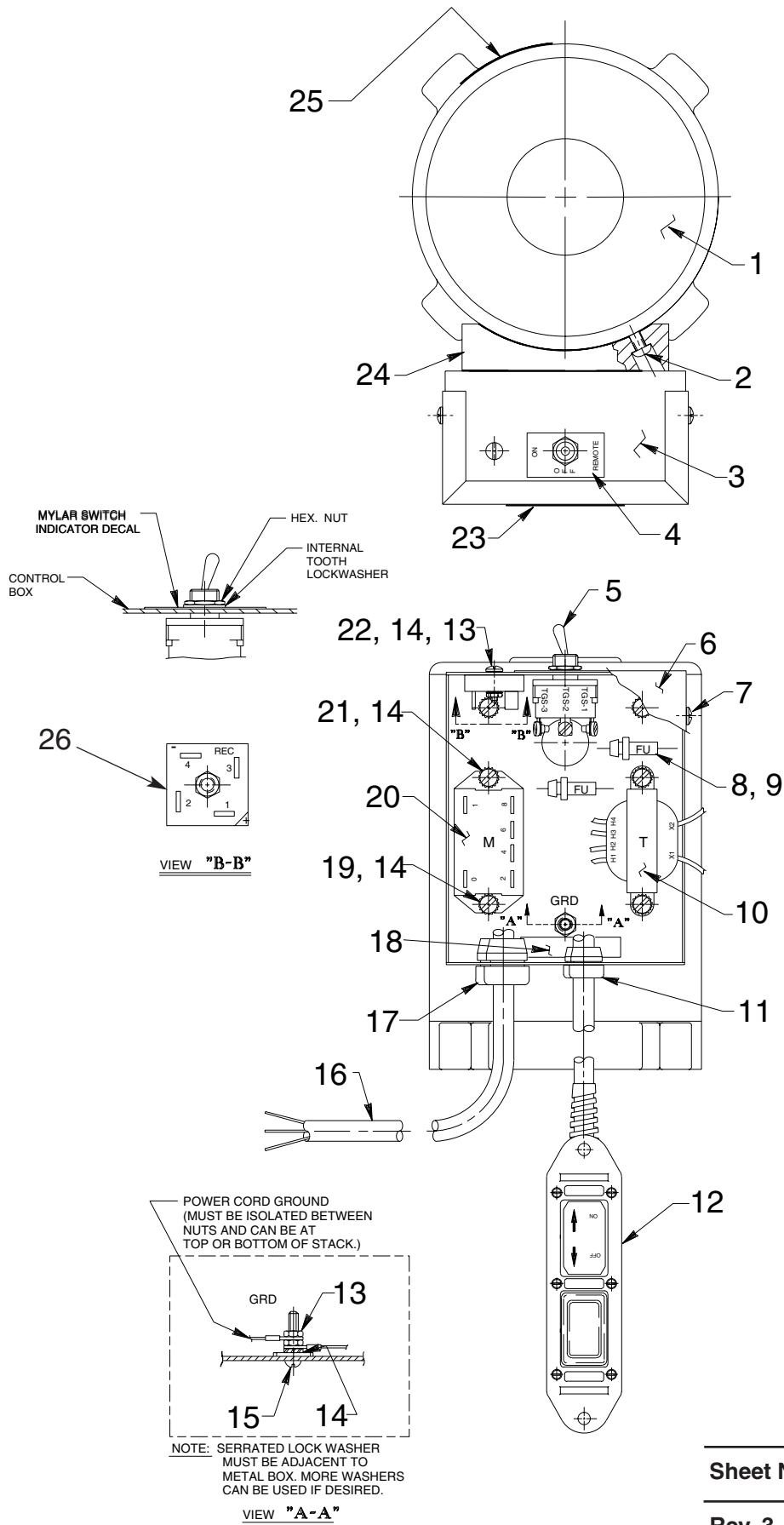


WARNING: To help avoid personal injury, all electrical work must be done by a qualified electrician.



Note: Shaded areas reflect last revision(s) made to this form.

MOTOR & CONTROL ASSEMBLY **220/230 V., 50/60 Hz.**



Parts List, Form No. 101443, Back sheet 5 of 5

Item No.	Part No.	No. Req'd	Description
1	420839BK2	1	Electric Motor (220 V.)
2	12316	2	Screw
3	58558BK2	1	Electrical Control Box
4	25802	1	Indicator Plate
5	12665	1	Toggle Switch
6	42576BK2	1	Control Box Cover
7	11141	4	Tap Screw
8	16887	2	Fuse Holder
9	250176	2	Fuse (6.25 AMP)
10	251049	1	Transformer
11	15993	1	Strain Relief Bushing
12	25017	1	Hand Switch Assembly (See Form No. 101644)
13	10197	2	Nut (#10-24 UNC)
14	11108	14	Lockwasher (#10 External Tooth)

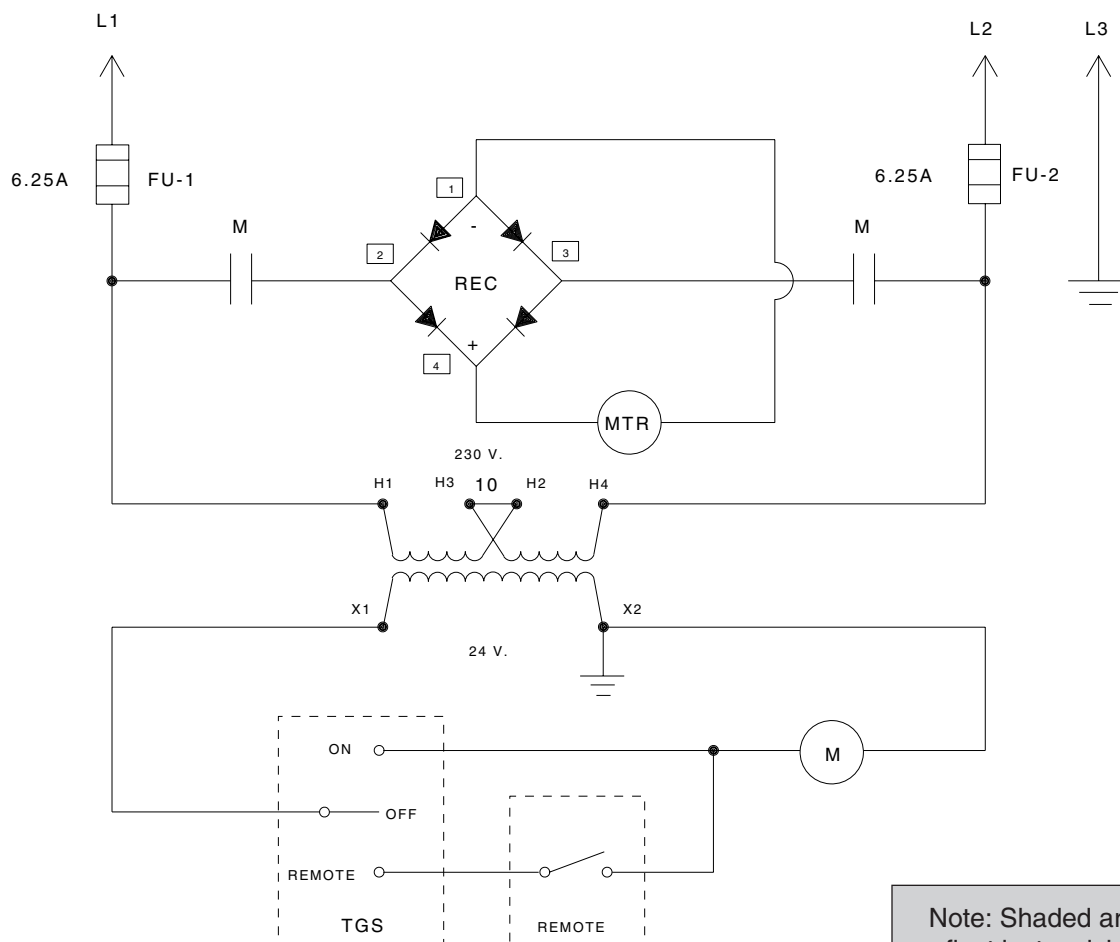
Item No.	Part No.	No. Req'd	Description
15	11856	1	Machine Screw (#10-24 X 1" Lg.)
16	308752	9 ft.	Electrical Cable (14/3 SJTO)
17	210112	1	Strain Relief Bushing
18	205189	1	Ground Decal
19	10164	8	Slotted Screw (#10-24 UNC X 3/8 Lg.)
20	251638	1	Relay
21	12909	4	Machine Screw
22	10167	1	Machine Screw (#10-24 UNC X 3/4 Lg.)
23	200188	1	Decal
24	420962	1	Mounting Adapter
25	351024	1	Decal
26	251050	1	Rectifier

Note: Rectifier is supplied with motor.

ELECTRICAL SCHEMATIC
220/230 V., 50/60 Hz.



WARNING: To help avoid personal injury, all electrical work must be done by a qualified electrician.



Note: Shaded areas reflect last revision(s) made to this form.