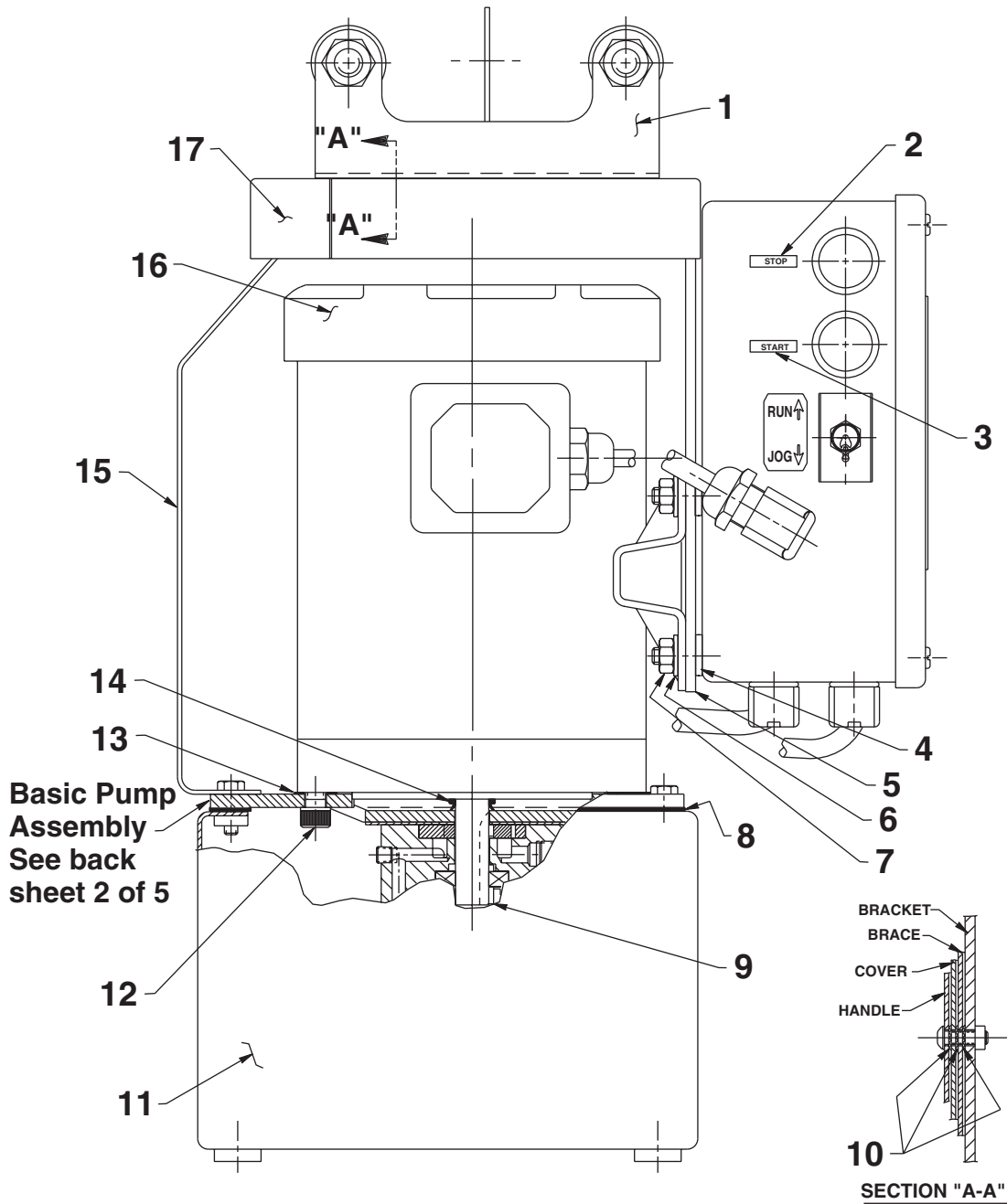


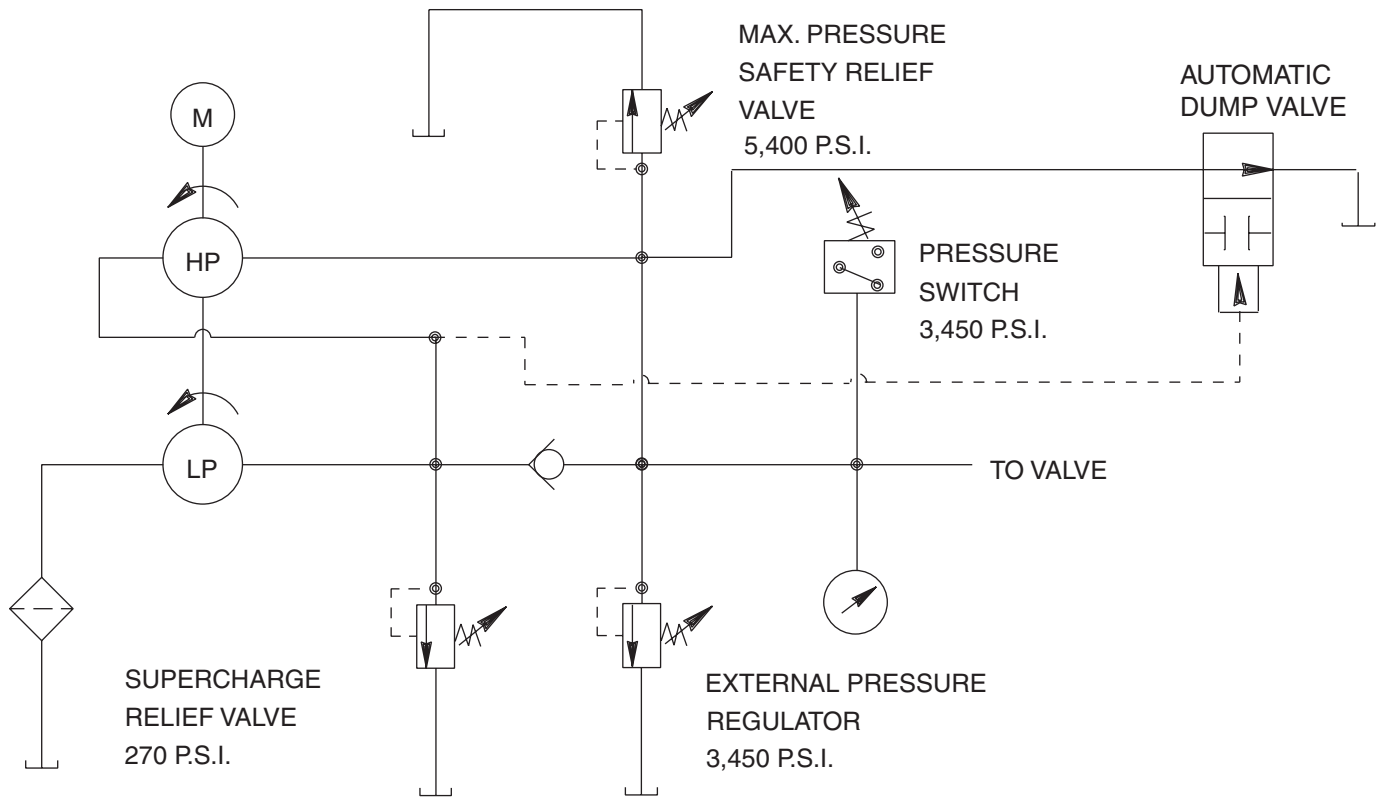
**MODEL B
ELECTRIC HYDRAULIC PUMP**



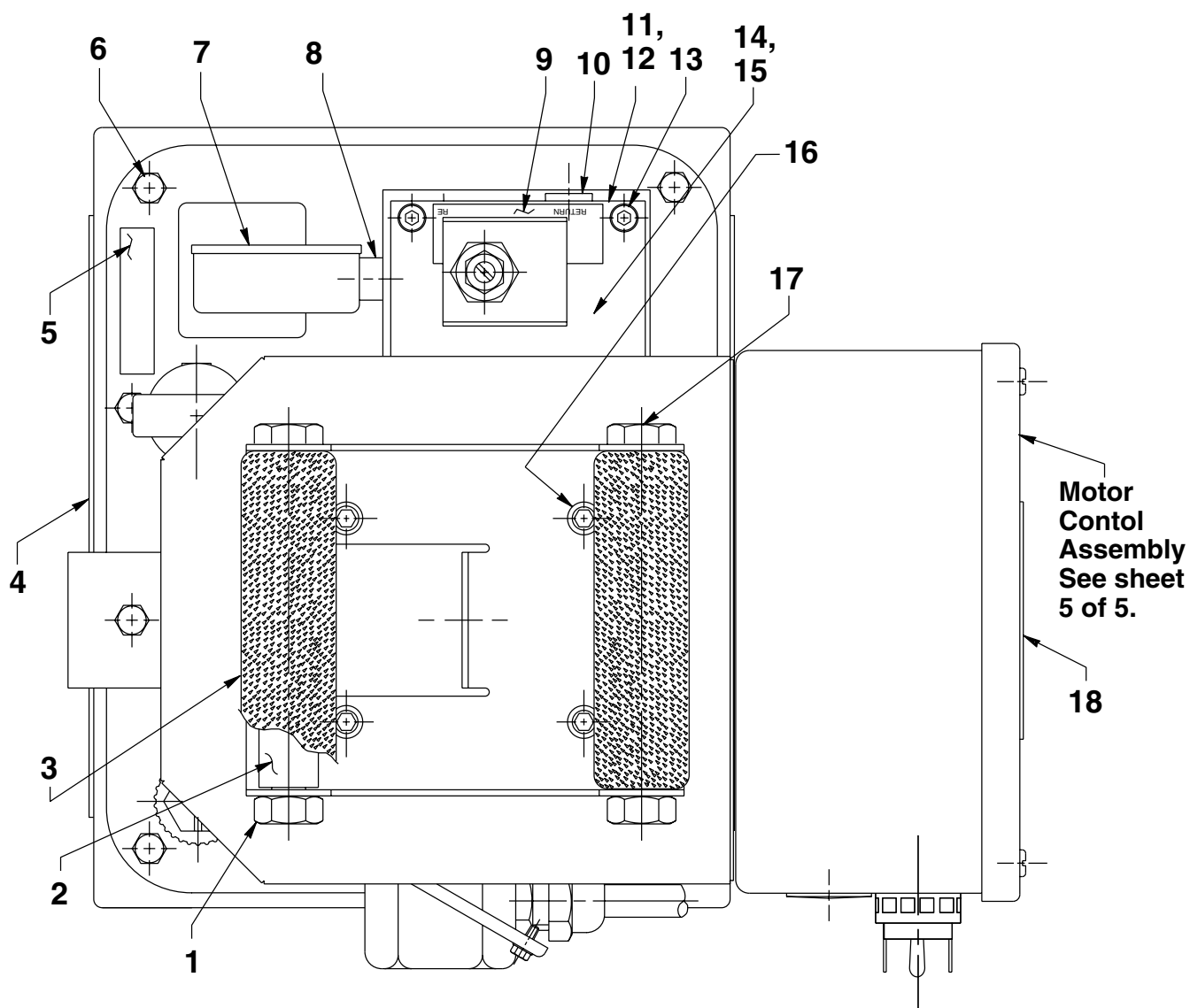
Item No.	Part No.	No. Req'd	Description
1	53513BK2	1	Handle
2	203769	1	Decal
3	203808	1	Decal
4	16450	4	Steel Washer (For 1/4 Bolt)
5	53514BK2	1	Mount Bracket
6	12719	4	Washer (For 1/4 Bolt)
7	10199	4	Hex Nut (1/4-20 UNC)
8	47409	1	Gasket
9	214097	1	Key
10	11351	12	Washer (1/4 External Tooth)
11	40063PU2	1	Reservoir
12	10050	4	Cap Screw (3/8-16 X 1" Lg.; Torque to 90/100 in. lbs.)
13	307425	1	Motor Base Gasket
14	213674	1	V-ring
15	53515BK2	1	Brace
16	53518	1	Electric Motor
17	53516BK2	1	Cover

PARTS INCLUDED BUT NOT SHOWN
 100909 1 Coupler

HYDRAULIC SCHEMATIC



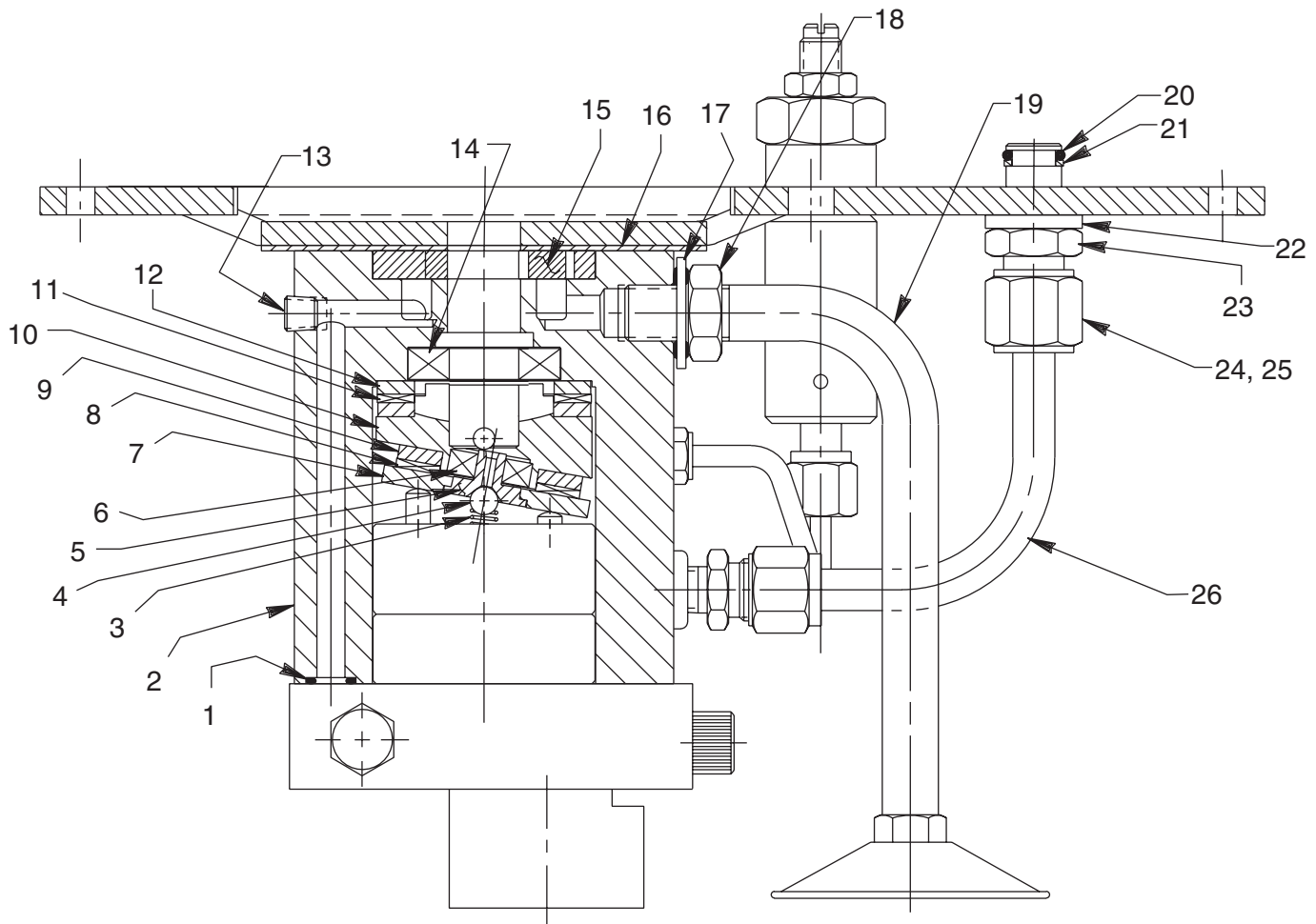
TOP VIEW



Item No.	Part No.	No. Req'd	Description
1	10208	2	Hex Nut (1/2-13 UNC)
2	216658	2	Tube Handle
3	216668	2	Handle Grip
4	309233	2	Decal
5	213695	1	CSA Decal
6	10009	10	Cap Screw (1/4-20 UNC X 3/4 Lg.)
8	10645	1	45° Elbow
7	17946	1	Pressure Gauge
9	210995	1	Trade Name Decal
10	13270	2	Plastic Plug

Item No.	Part No.	No. Req'd	Description
11	45837	1	Manifold
12	200609	1	Drain Tube
13	10020	4	Cap Screw (1/4-20 UNC X 1-1/4 Lg.)
14	216666	1	Bushing
15	216680	1	Locknut
16	250383	4	Cap Screw (1/4-20 UNC x 3/4 Lg.)
17	216681	2	Bolt
18	309114	1	Decal

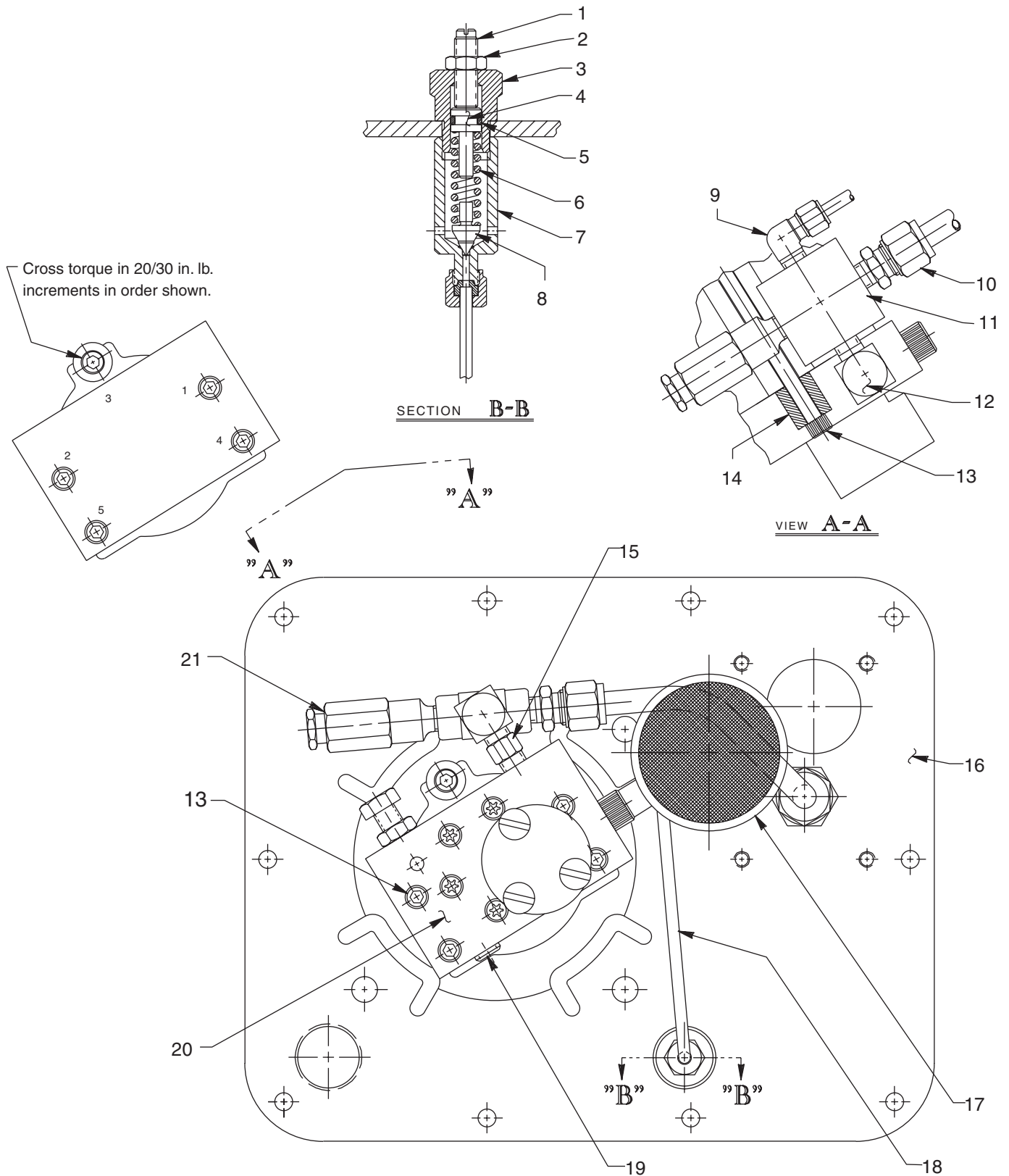
BASIC PUMP ASSEMBLY SIDE VIEW



Item No.	Part No.	No. Req'd	Description
1	10267	1	O-ring (7/16 X 5/16 X 1/16)
2	52883	1	Body
3	16320	1	Compression Spring (1/4 O.D. X 3/4 Lg.)
4	10375	1	Steel Ball (1/4 Dia.)
5	23547	1	Bearing Top Plate
6	11814	1	Ball Bearing
7	23548	1	Top Plate
8	15431	1	Needle Bearing
9	15432	1	Bearing Race
10	35271	1	Angle Plate
11	11228	1	Thrust Bearing
12	11227	2	Bearing Race
13	11084	1	Plug (Torque to 35/45 in. lbs. oiled)
14	15695	1	Ball Bearing
15	15693	1	Gerotor Set

Item No.	Part No.	No. Req'd	Description
16	307296	1	Wear Plate
17	213709	1	Seal Washer (Turn on - Do not push on)
18	10390	1	Nut (1/2-20 UNF)
19	213686	1	Intake Tube
20	10268	1	O-ring (1/2 X 3/8 X 1/16)
21	11863	1	Backup Washer (1/2 X 3/8 X 1/16)
22	21484	1	Spacer
23	214772	1	Valve Connector (Note: Torque valve connector [Item #23] to 20/30 ft. lbs. into cover plate. Hold valve connector and torque tube nut [Item #25] to 40/50 ft. lbs.)
24	10430	1	Tube Sleeve
25	10431	1	Tube Nut
26	308614	1	Oil Line Tube

BASIC PUMP ASSEMBLY BOTTOM VIEW



Cross torque in 20/30 in. lb. increments in order shown.

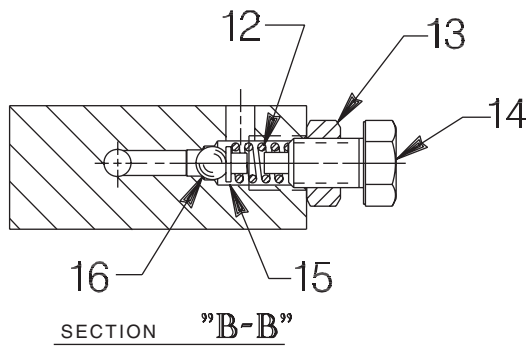
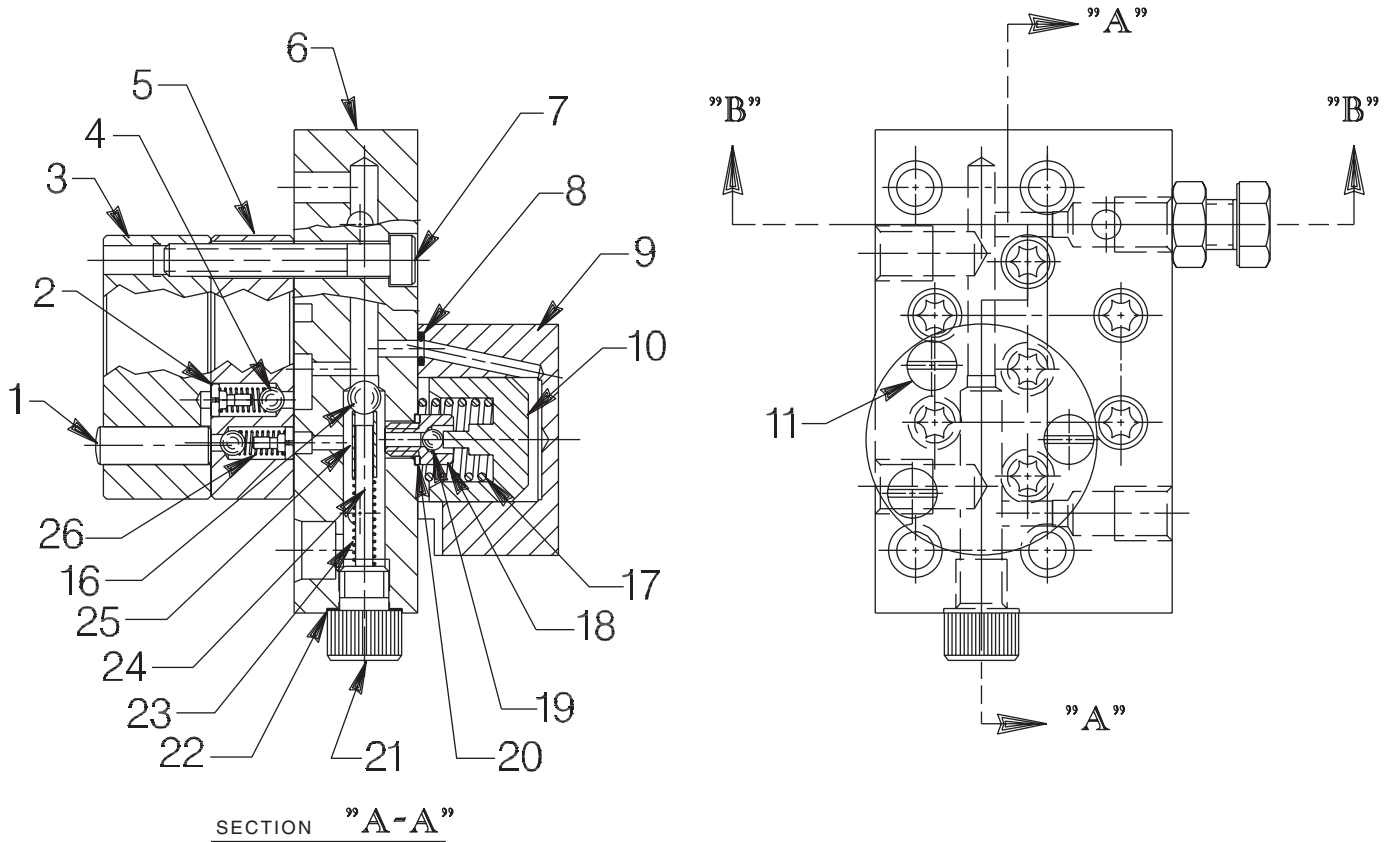
Item No.	Part No.	No. Req'd	Description
1	22362	1	Valve Adjusting Screw
2	10386	1	Nut (3/8-24 UNF)
3	21305	1	Valve Cap
4	21306	1	Spring Guide
5	10268	1	O-ring (1/2 x 3/8 x 1/16)
6	10495	1	Compression Spring (1/2 O.D. X 1-5/8 Lg.)
7	22361	1	Valve Body
8	21046	1	Valve Stem
9	16177	1	Tube Elbow
10	12696	1	Connector
11	208077	1	Single Cross Fitting
12	24730	1	Elbow
13	15642	5	Cap Screw (1/4-20 X 5" Lg.; Torque to 55/65 in. lbs.)
14	214720	1	Spacer
15	11421	1	Pipe Nipple
16	47404	1	Cover Plate
17	29682	1	Strainer
18	308615	1	Pressure Regulator Tube
19	306957	1	Air Bleed Valve
20	350851	1	Pump Body Ass'y
21	21278-50	1	Relief Valve

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!**

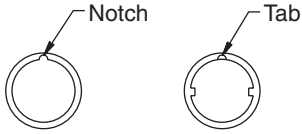
Additional questions can be directed to our Technical Services Department.

HIGH PRESSURE PUMP ASSEMBLY

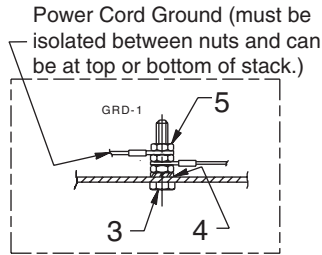


Parts List, Form No. 101498, Back sheet 4 of 5

Item No.	Part No.	No. Req'd	Description
1	21628	2	Piston
2	24549	4	Ball Guide
3	48020	1	Barrel
4	12223	4	Ball (3/16 Dia.)
5	41007	1	Valve Head
6	36911	1	End Plate
7	16747	7	Screw (Torque to 170 in. lbs.; Note: Lubricate under head and on threads.)
8	10264	1	O-ring (1/4 X 1/8 X 1/16)
9	308613	1	Cylinder Valve
10	202088	1	Piston
11	214941	3	Machine Screw (1/4-20 UNC x 1-1/2 Lg.)
12	15691	1	Compression Spring (1/4 O.D. X 5/8 Lg.)
13	10386	1	Nut (3/8-24 UNF)
14	200797	1	Adjusting Screw
15	200796	1	Adapter
16	10375	2	Steel Ball (1/4 Dia.)
17	16465	1	Compression Spring (5/8 O.D. X 3/4 Lg.)
18	201995	1	Replaceable Seat
19	10419	1	Steel Ball (5/32 Dia.)
20	10442	1	Washer (3/8 X 1/4 X 1/32)
21	29690	1	Screw (Torque to 180 in. lbs.)
22	12042	1	Copper Washer (9/16 X 3/8 X 1/32)
23	14431	1	Compression Spring (3/16 O.D. X 3/4 Lg.)
24	12571	1	Pin
25	201998	1	Sleeve
26	10445	4	Compression Spring (5/32 O.D. X 3/4 Lg.)

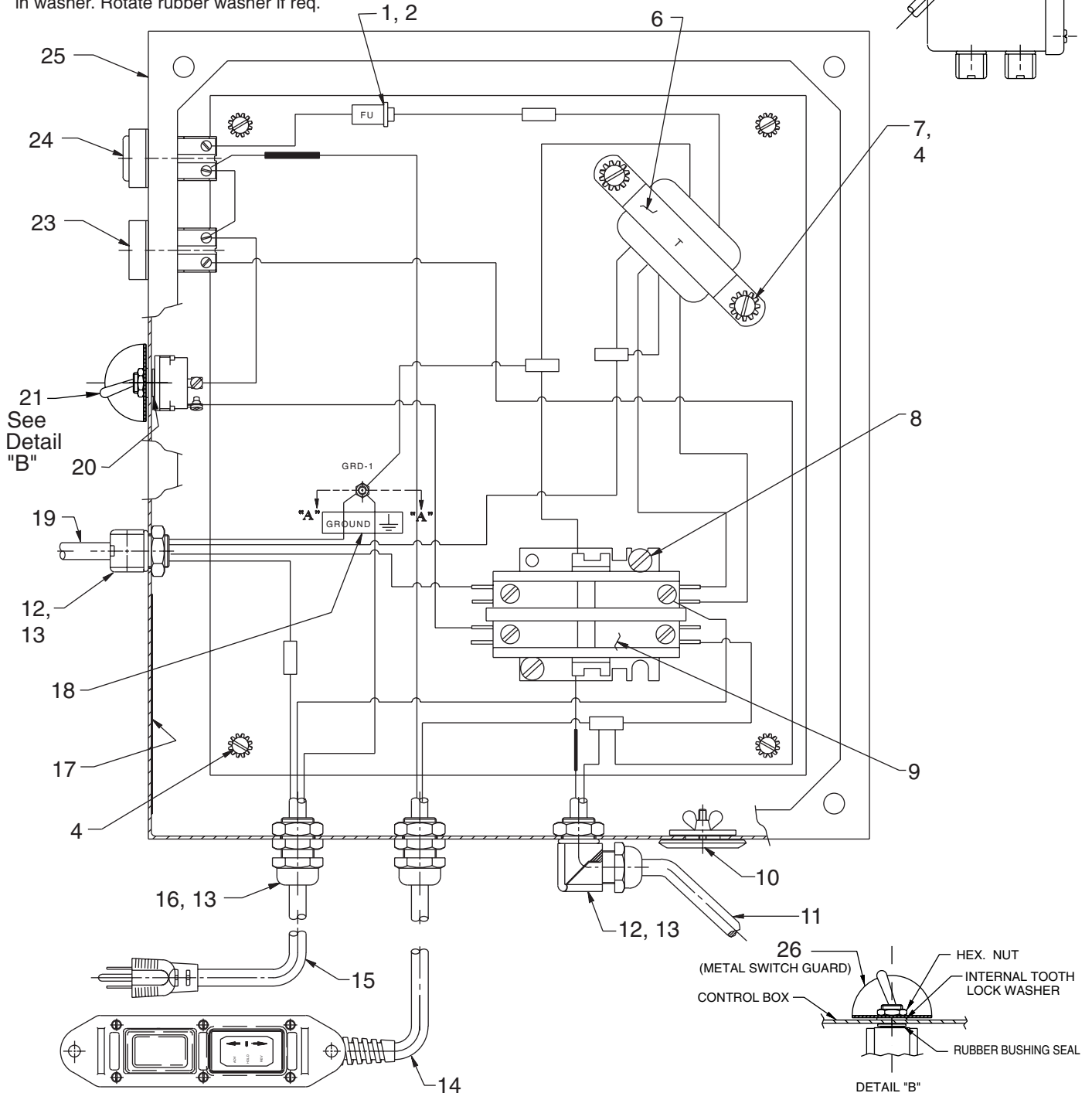
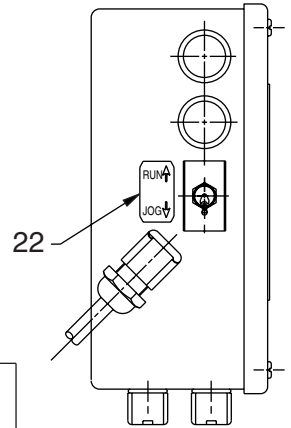


Rubber Washer Assemble to back of push button.
 Plastic Keyed Sealing Washer Assemble to back of push button so that tab engages notch in washer. Rotate rubber washer if req.



Note: Serrated lockwasher must be adjacent to metal box. More washers can be used if desired.

SECTION A-A



MOTOR CONTROL ASSEMBLY

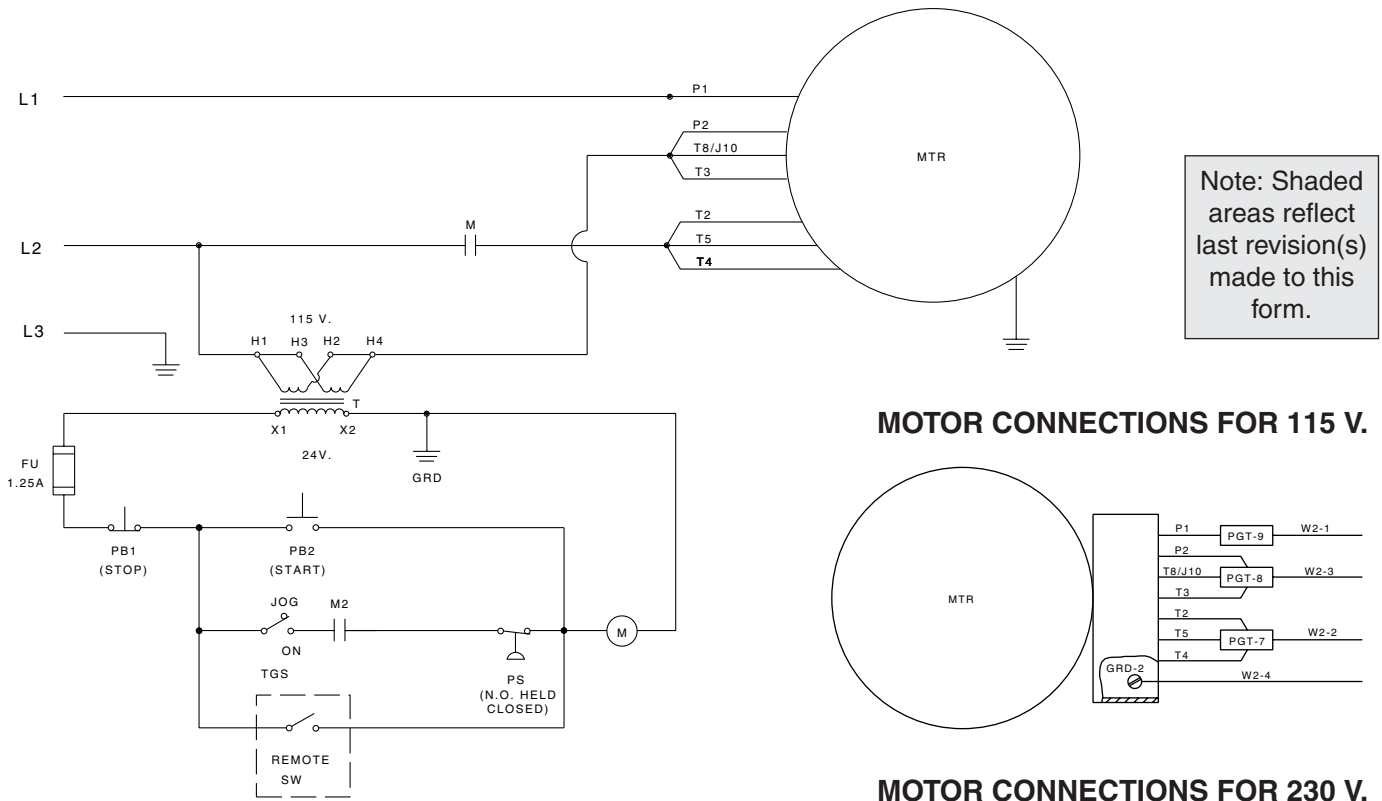
Parts List, Form No. 101498, Back sheet 5 of 5

Item No.	Part No.	No. Req'd	Description	Item No.	Part No.	No. Req'd	Description
1	16887	1	Fuse Holder	15	25229	1	Cord Set (For 115 V.; Model 100888)
2	250442	1	Fuse	308752	8 ft.	Electrical Cable (14/3 SJTO: For 230 V.; Model 100888-230)	
3	104484	1	Screw (10-24 UNC X 3/4 Lg.)	11209	1	Electrical Plug (For 230 V.; Model 100888-230)	
4	11108	7	Lockwasher (#10 External Tooth)	16	216666	2	Bushing
5	10197	3	Nut (#10-24 UNC)	17	250440	1	Decal
6	305665	1	Transformer	18	205189	1	Ground Decal
7	10164	2	Machine Screw (#10-24 UNC X 3/8 Lg.)	19	309022	1.42 ft.	Electrical Cable (14/4 SJOW)
8	10166	2	Machine Screw (#10-24 UNC X 1/2 Lg.)	20	216670	1	Seal
9	420718-4	1	Contactorm	21	12301	1	Toggle Switch
10	216669	1	Plug	22	352081	1	Decal (RUN - JOG)
11	52203	1	Pressure Switch Cable (18/2 SJTO)	23	47372	1	Pushbutton Switch
12	216667	2	Bushing	24	47373	1	Pushbutton Switch
13	216680	4	Locknut	25	250001	1	Control Box Assembly
14	25017	1	Hand Switch Assembly (See Form No. 101644)	26	352061	1	Metal Switch Guard



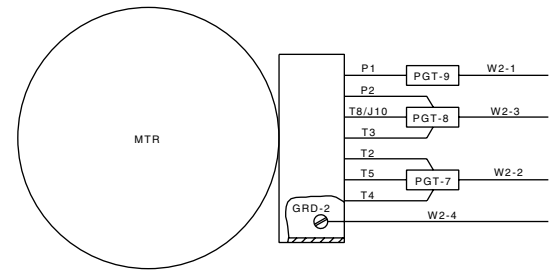
WARNING: To help avoid personal injury, all electrical work must be done by a qualified electrician.

ELECTRICAL SCHEMATIC

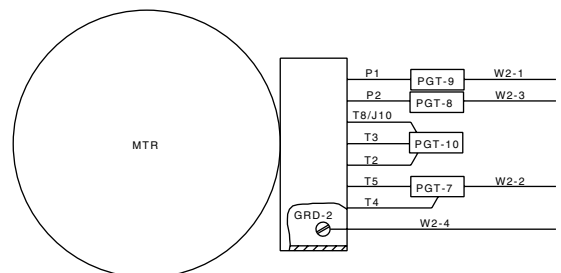


Note: Shaded areas reflect last revision(s) made to this form.

MOTOR CONNECTIONS FOR 115 V.



MOTOR CONNECTIONS FOR 230 V.



Transformer connections are for 115 V., 60 Hz. as shown

For 230 V., 60 Hz. units, transformer connections to be as follows:

- H1 TO L1
- H2 TO H3
- H4 TO L2