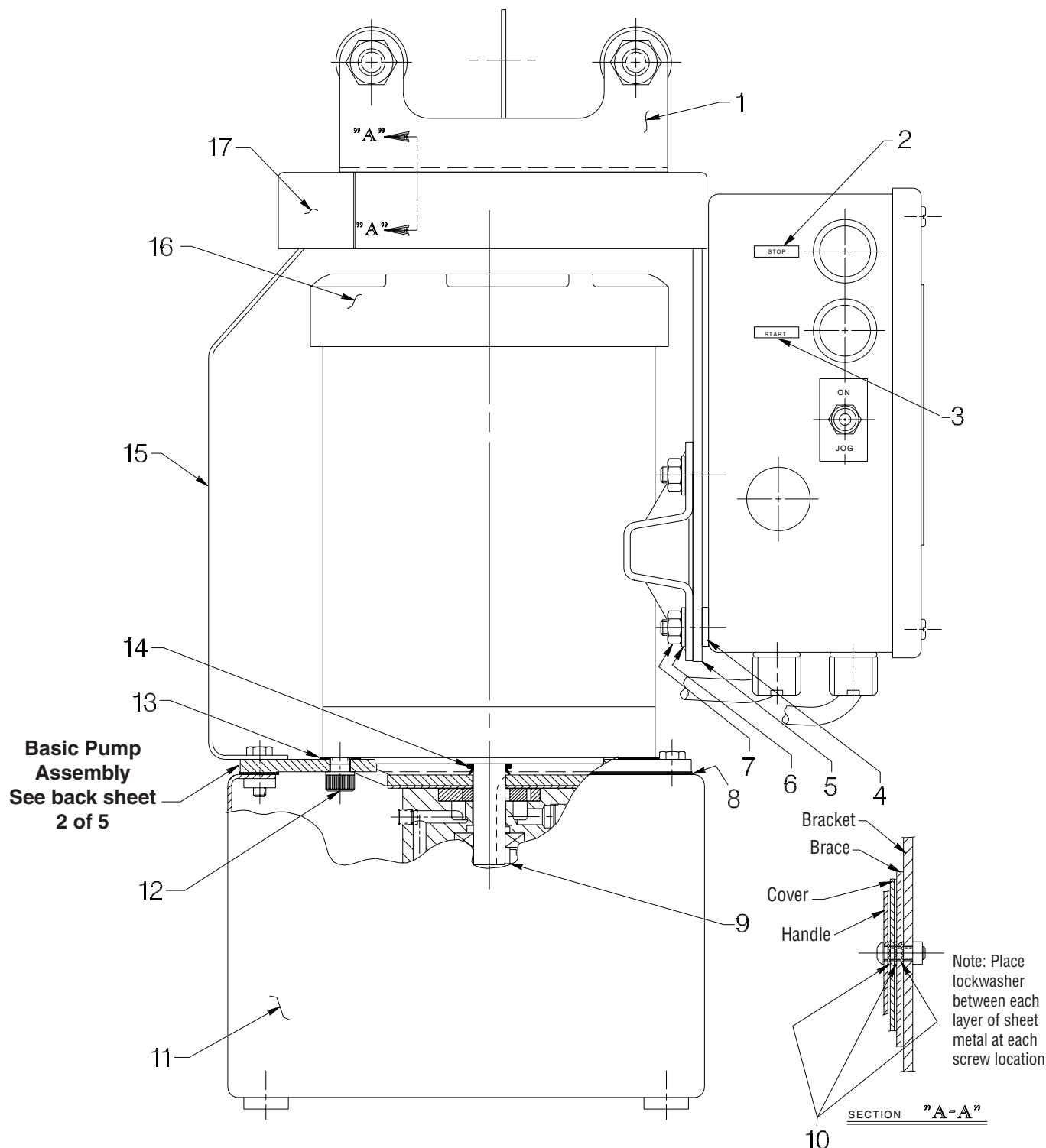


ELECTRIC HYDRAULIC PUMP

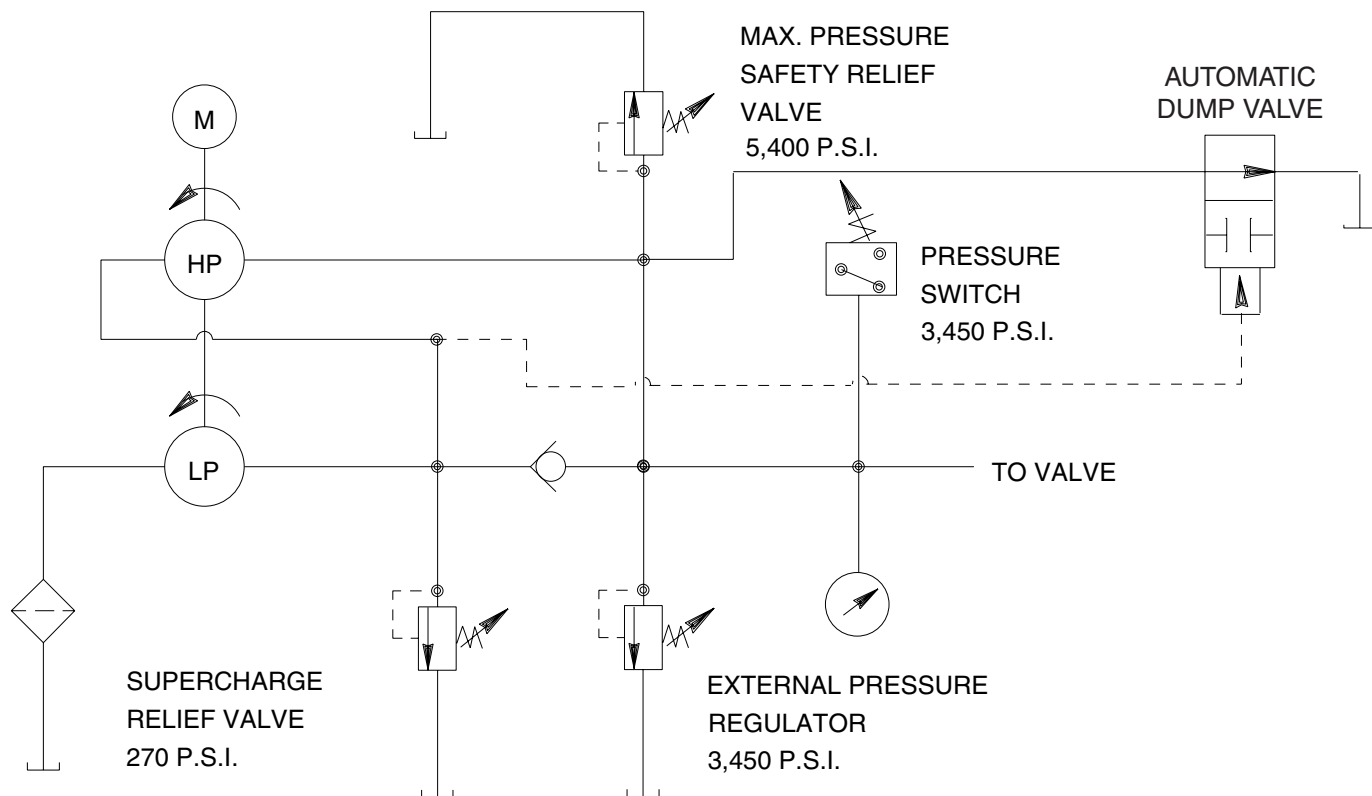


Item No.	Part No.	No. Req'd	Description
1	53513BK2	1	Handle
2	203769	1	Decal
3	203808	1	Decal
4	16450	4	Steel Washer (For 1/4 Bolt)
5	53514BK2	1	Mount Bracket
6	12719	4	Washer (For 1/4 Bolt)
7	10199	4	Hex Nut (1/4-20 UNC)
8	47409	1	Gasket
9	214097	1	Key
10	11351	12	Washer (1/4 External Tooth)
11	40063PU2	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	58061BK2	1	Electric Motor
17	53516BK2	1	Cover

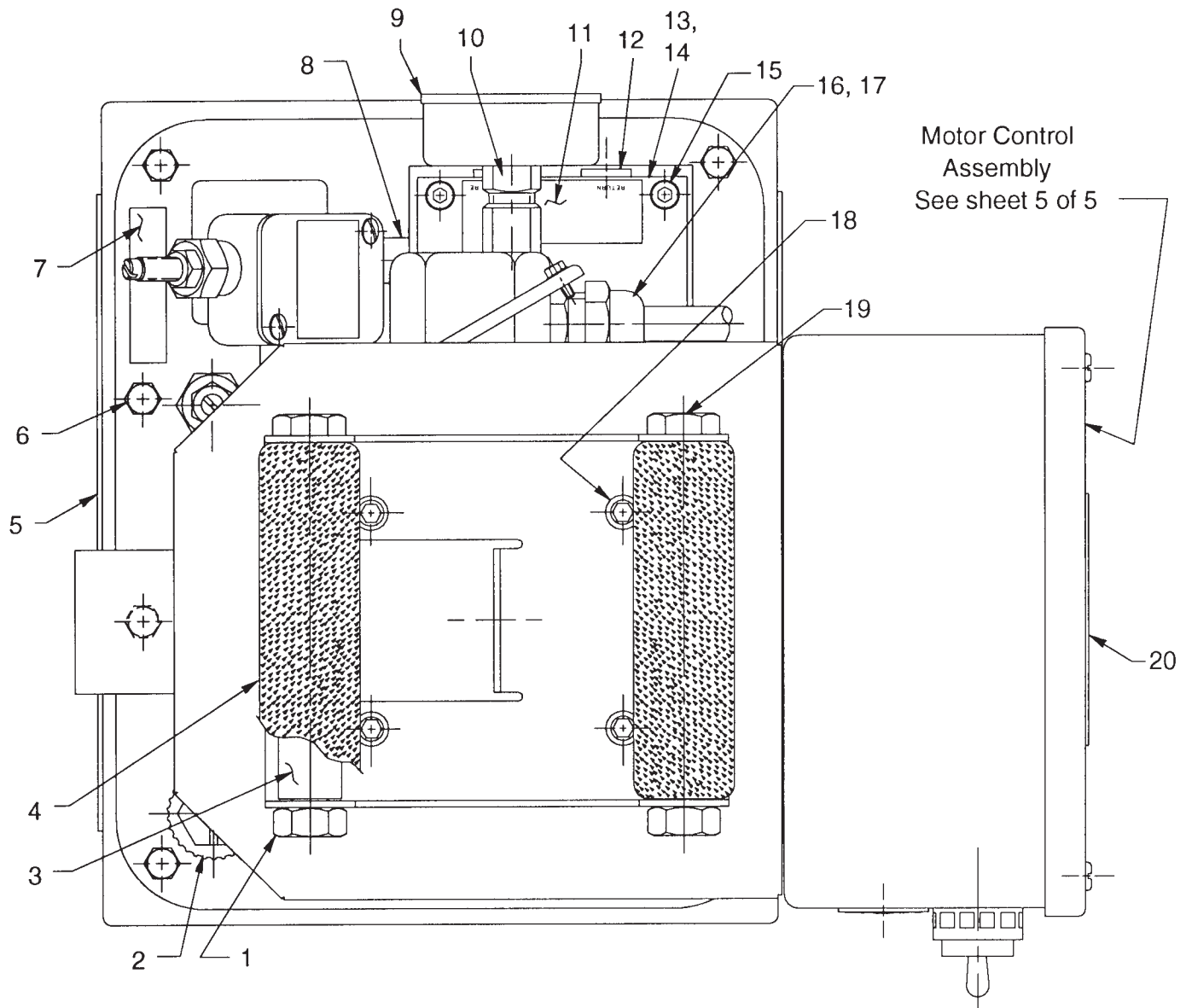
PARTS INCLUDED BUT NOT SHOWN

213771 1 Coupler

HYDRAULIC SCHEMATIC



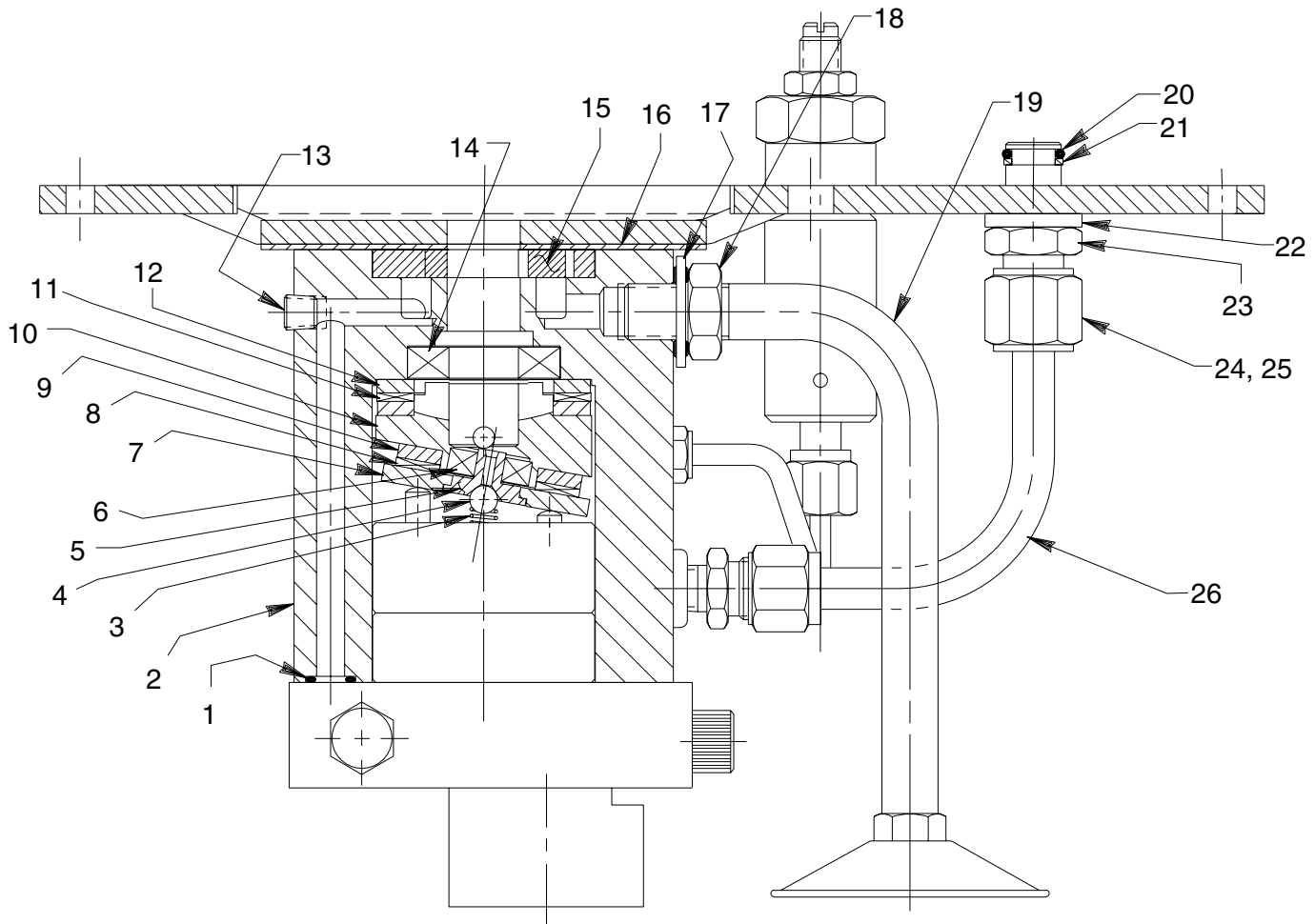
TOP VIEW



Item No.	Part No.	No. Req'd	Description
1	10208	2	Hex Nut (1/2-13 UNC)
2	213706	1	Plug
3	216658	2	Tube Handle
4	216668	2	Handle Grip
5	309233	2	Decal
6	10009	10	Cap Screw (1/4-20 UNC X 3/4 Lg.)
7	213695	1	CSA Decal
8	10645	1	45° Elbow
9	17946	1	Pressure Gauge
10	10617	2	Elbow

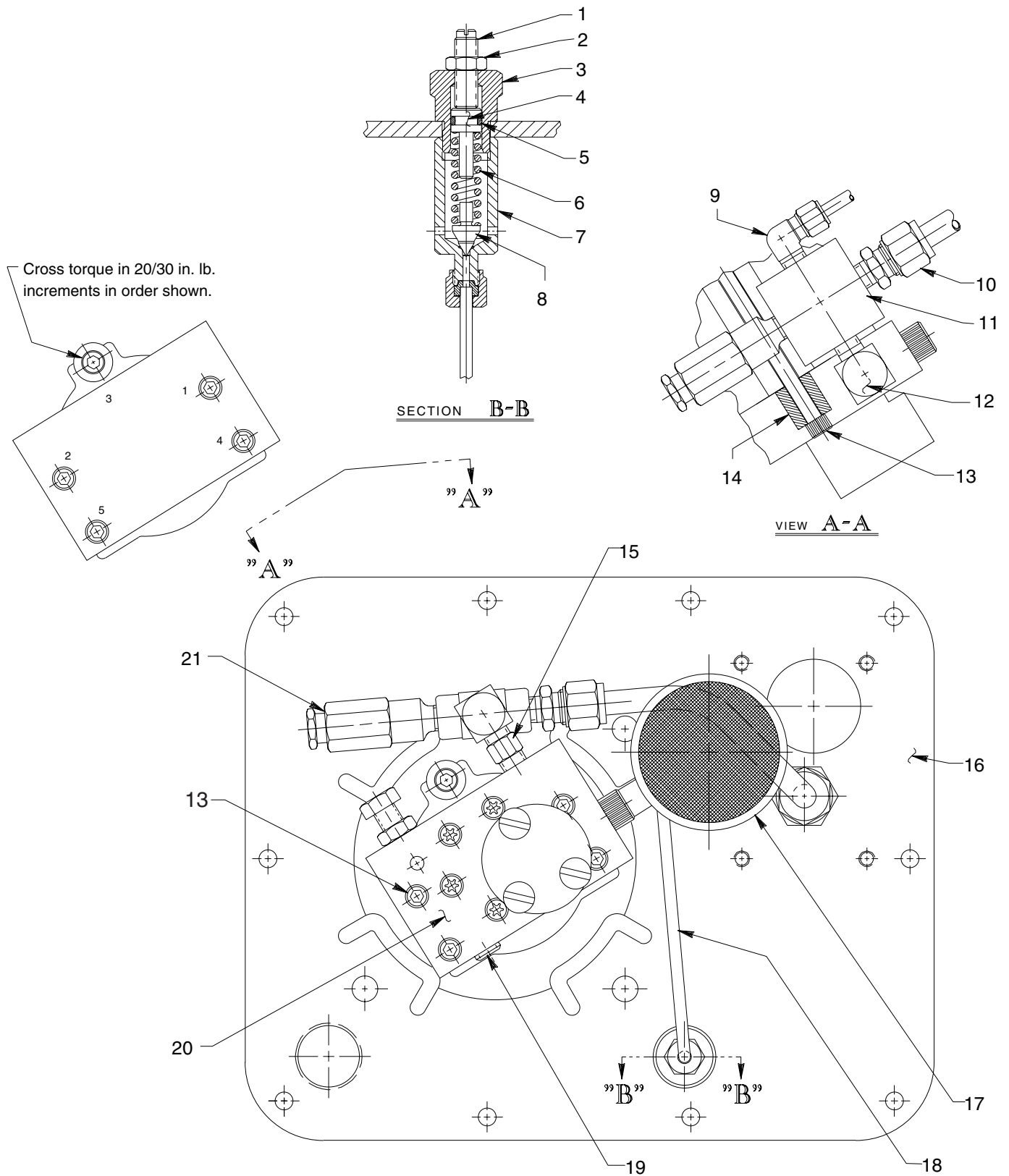
Item No.	Part No.	No. Req'd	Description
11	210995	1	Trade Name Decal
12	13270	2	Plastic Plug
13	45837	1	Manifold
14	200609	1	Drain Tube
15	10020	4	Cap Screw (1/4-20 UNC X 1-1/4 Lg.)
16	216660	1	Bushing
17	216680	1	Locknut
18	250383	4	Cap Screw (1/4-20 UNC x 3/4 Lg.)
19	216681	2	Bolt
20	309114	1	Decal

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 #24] to 20/30 ft. lbs. into cover plate. Hold valve connector and torque tube nut [Item #27] 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**

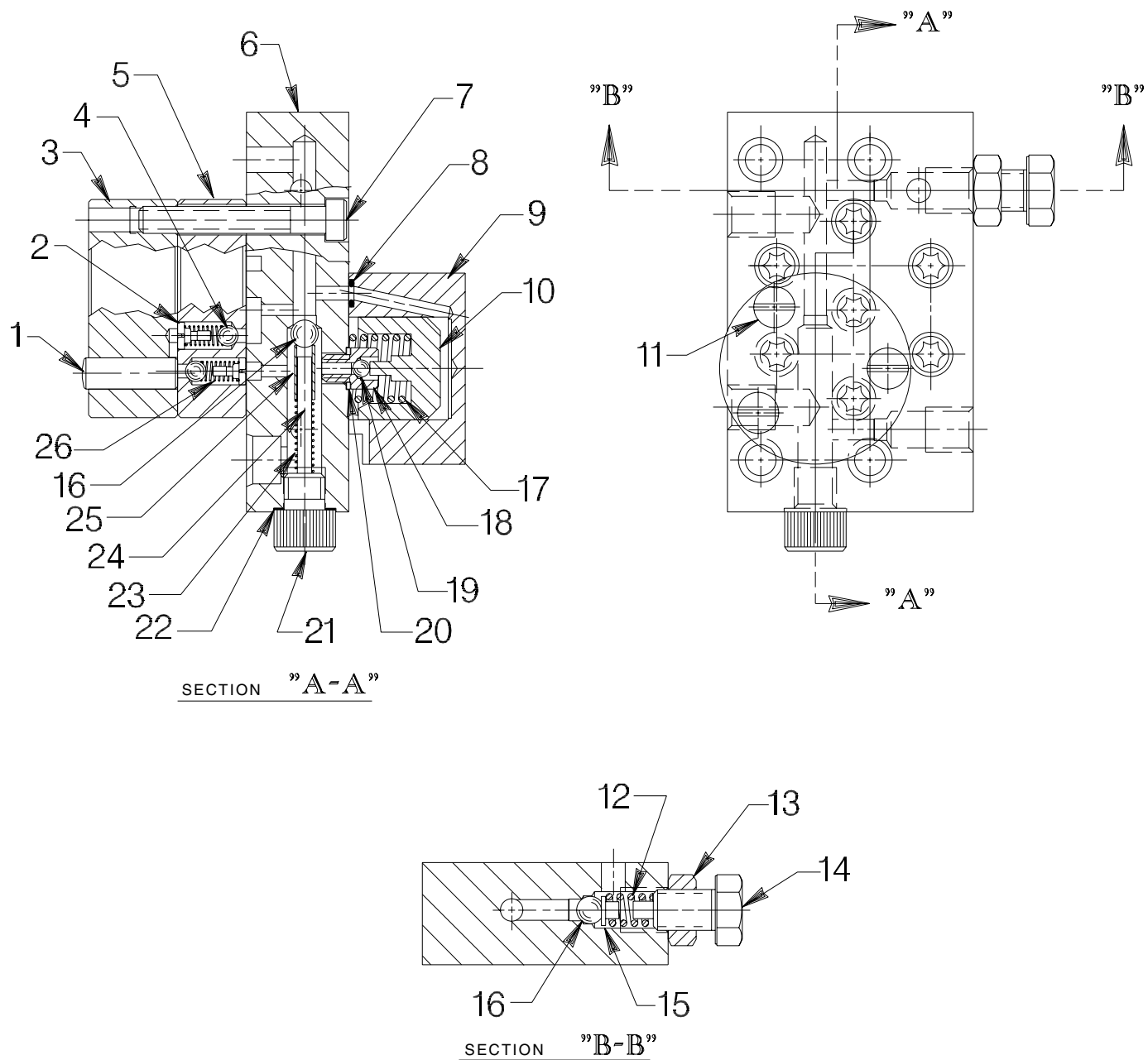
Item No.	Part No.	No. Req'd	Description
1	22362	1	Valve Adjusting Screw
2	10386	1	Nut (3/8-24 UNF)
3	21305	1	Valve Cap
4	21306	1	Spring Guide
5	10268	1	O-ring (1/2 x 3/8 x 1/16)
6	10495	1	Compression Spring (1/2 O.D. X 1-5/8 Lg.)
7	22361	1	Valve Body
8	21046	1	Valve Stem
9	16177	1	Tube Elbow
10	12696	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	10427	1	Pipe Plug (1/8 NPTF)
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!**

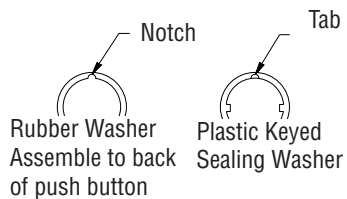
Additional questions can be directed to our Technical Services Department.

HIGH PRESSURE PUMP ASSEMBLY

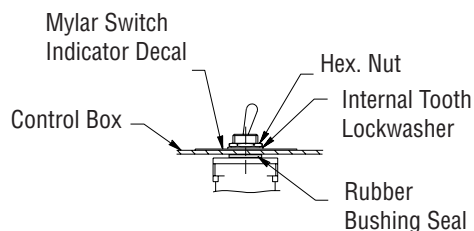


Item No.	Part No.	No. Req'd	Description
1	21628	2	Piston
2	24549	4	Ball Guide
3	48020	1	Barrel
4	12223	4	Ball (3/16 Dia.)
5	41007	1	Valve Head
6	36911	1	End Plate
7	16747	7	Screw (Torque to 170 in. lbs.; Note: Lubricate under head and on threads.)
8	10264	1	O-ring (1/4 X 1/8 X 1/16)
9	308613	1	Cylinder 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.)

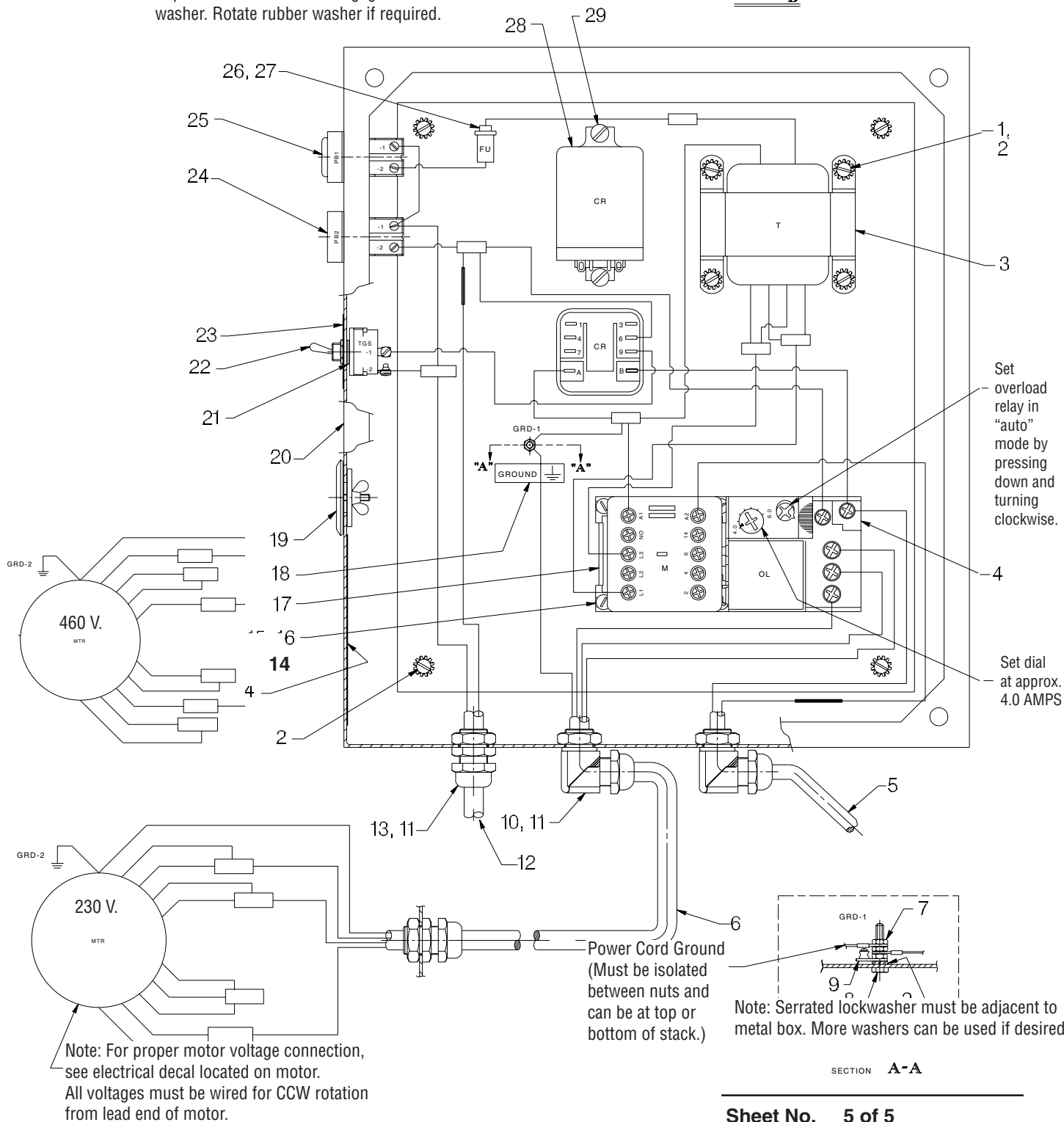
MOTOR CONTROL ASSEMBLY



Note: Assemble plastic keyed sealing washer to pushbutton so that tab engages notch in washer. Rotate rubber washer if required.



DETAIL "B"



Item No.	Part No.	No. Req'd	Description
1	10164	4	Machine Screw (#10-24 UNC X 3/8 Lg.)
2	11108	11	Lockwasher (#10 External Tooth)
3	11410	1	Transformer
4	350419	1	Overload Relay (For 100879-230; Connect to contactor [Item#17] by inserting pins into 2, 4, & 6 and securing terminal screws)
	350161	1	Overload Relay (For 100879; Connect to contactor [Item#17] by inserting pins into 2, 4, & 6 and securing terminal screws)
5	52203	1	Pressure Switch Cable (18/2 SJTO)
6	15565	2 ft.	Electrical Cable
7	10197	3	Nut (#10-24 UNC)
8	104484	1	Screw (10-24 UNC X 3/4 Lg.)
9	205420	1	Lug Connector
10	216667	2	Bushing
11	216680	3	Locknut
12	25017	1	Hand Switch Assembly
13	216666	1	Bushing

Item No.	Part No.	No. Req'd	Description
14	251150	1	Decal
15	11426	4	Machine Screw (6-32 UNC x 1/2 Lg.)
16	10195	4	Nut (#6-32 UNC)
17	420073	1	Contactor
18	205189	1	Ground Decal
19	216669	2	Plug
20	250001	1	Control Box Assembly
21	216670	1	Seal
22	12301	1	Toggle Switch
23	204577	1	Decal
24	39282	1	Pushbutton Switch
25	39283	1	Pushbutton Switch
26	16887	1	Fuse Holder
27	206962	1	Fuse (3 AMP, 250 V.)
28	39092	1	Relay
29	10159	2	Machine Screw (#6-32 UNC X 5/16 Lg.)

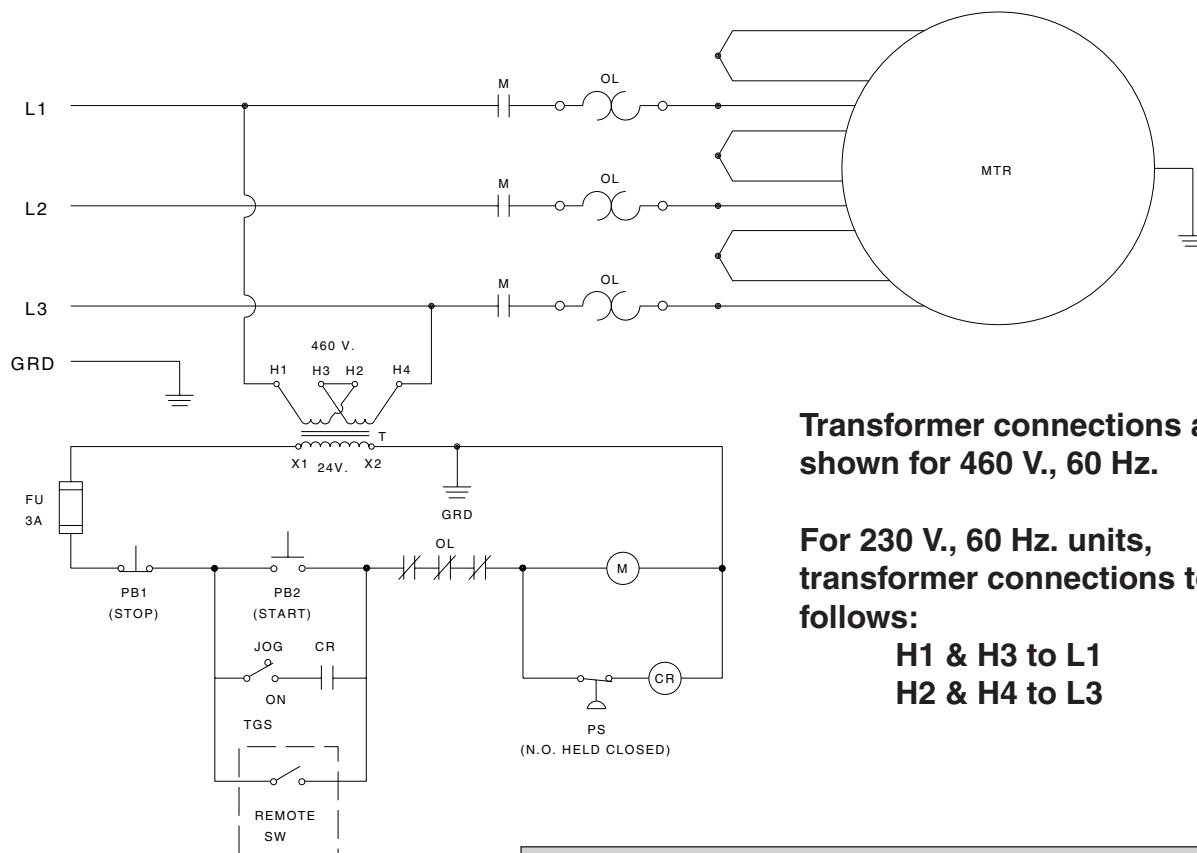
PARTS INCLUDED BUT NOT SHOWN

11423 11 ft. Cable (18/2 SJTO)

ELECTRICAL SCHEMATIC



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



Transformer connections are as shown for 460 V., 60 Hz.

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

H1 & H3 to L1
H2 & H4 to L3

Note: Electrical schematic changed at last revision to this form.