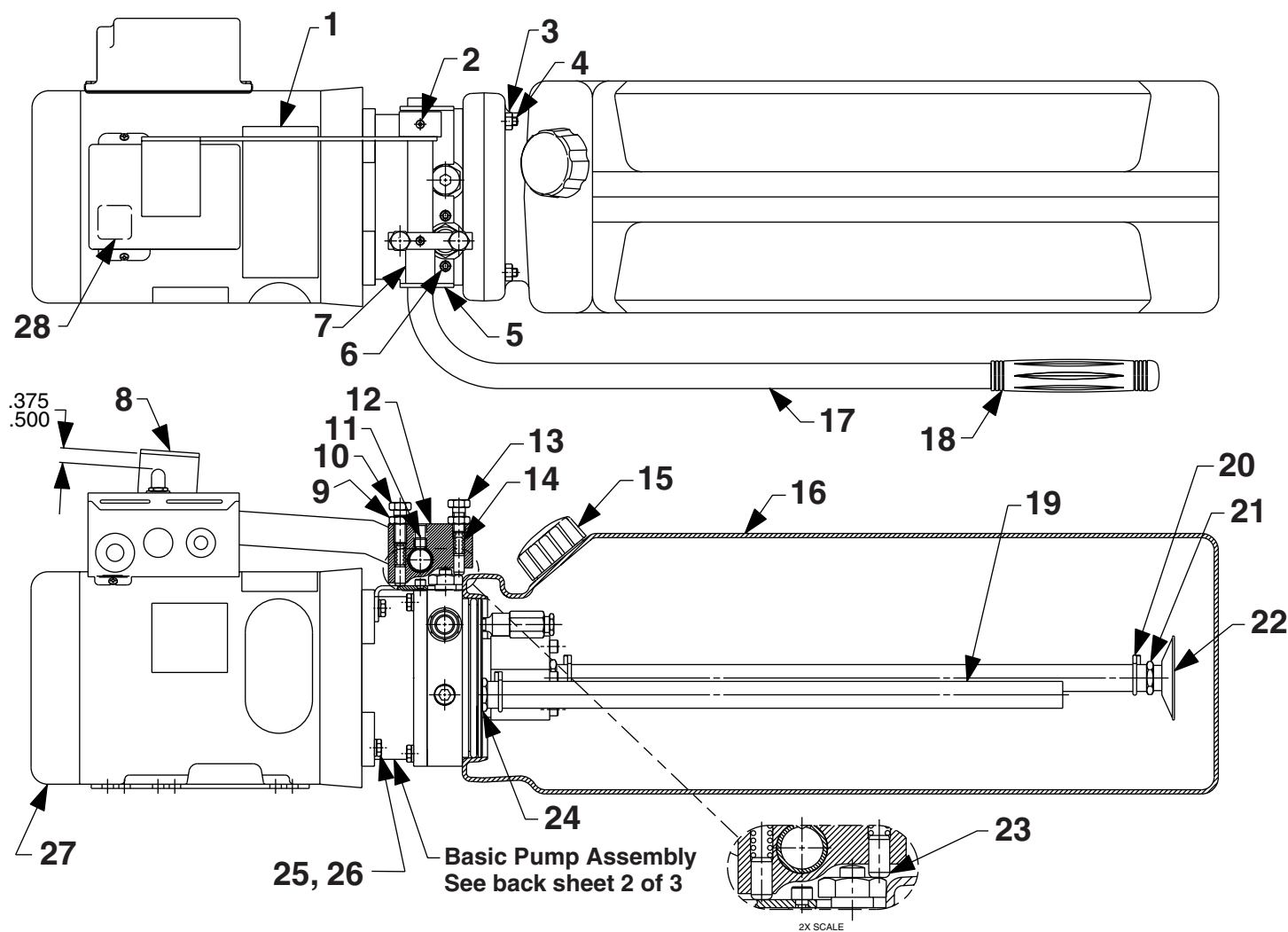


MODEL A
ELECTRIC HYDRAULIC GEAR PUMP
WITH LONG HANDLE

To Parts
List



Item No.	Part No.	No. Req'd	Description
1	351667	1	Warning Decal
2	10519	1	Set Screw (1/4-20 x 3/8 Lg.)
3	10199	4	Hex Nut (1/4-20)
4	252606	4	Stud
5	421706	1	Mounting Bracket
6	14276	3	Cap Screw (10-32 x 3/8 Lg.)
7	253184	1	Spacer
8	421704	1	Hand Lever
9	253187	2	Hex Nut (3/8-16)
10	10049	1	Cap Screw (3/8-16 x 1" Lg.)
11	18627	1	Set Screw (3/8-16 x 3/8 Lg.)
12	351729	1	Actuator
13	10046	1	Cap Screw (3/8-16 x 3/4 Lg.)
14	14475	2	Spring (.31 O.D. x .62 x .07 WS)
15	252646	1	Filler Breather Cap
16	65555	1	3.5 Gallon Reservoir
17	59112	1	Tube
18	11610	1	Handle Grip
19	252630	2.92'	Plastic Tubing
20	252756	3	Hose Clamp
21	252617	1	Hose Fitting
22	29682	1	Filter
23	253186	2	Dowel Pin (.31 x .62; Install with radius end out)
24	252618	2	Hose Fitting
25	10048	4	Cap Screw (3/8 16 x 7/8 Lg.)
26	10247	4	Lockwasher
27	59089	1	Electric Motor (208/230 V., 60 Hz.)
28	253287	1	Decal (ETL)

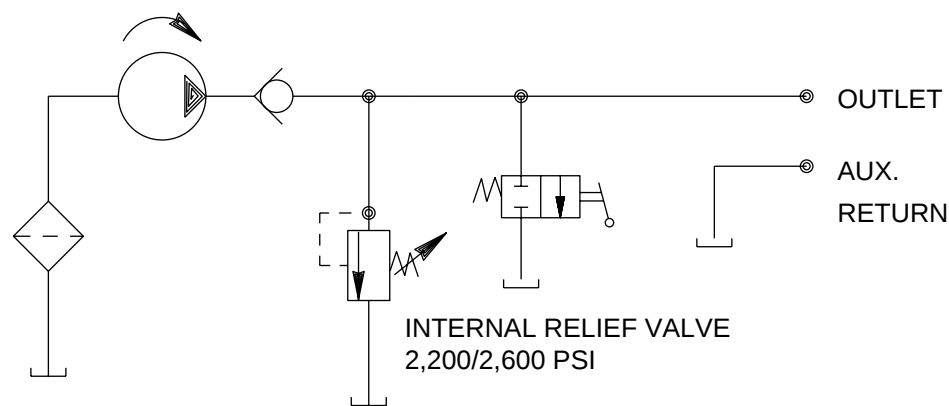


Note: Shaded areas reflect last revision(s) made to this form.

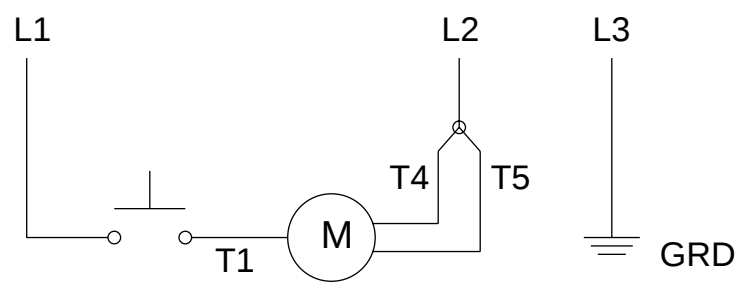
HANDLE ASSEMBLY INSTRUCTIONS

1. Tighten lower cap screw (Item #13) until there is a gap of approximately .015" between the actuator body and the release valve stem.
2. Tighten upper cap screw (Item #10) until the gap is approximately .010".
3. Tighten each cap screw (Items #13 & #10) an additional 1/4 turn.
4. Tighten locknuts (Item #9) to secure each cap screw.
5. Position hand lever (Item #8) so there is .375/.500" between the hand lever "paddle surface" and the pushbutton switch on motor. Tighten set screw (Item #2) securely.

HYDRAULIC SCHEMATIC

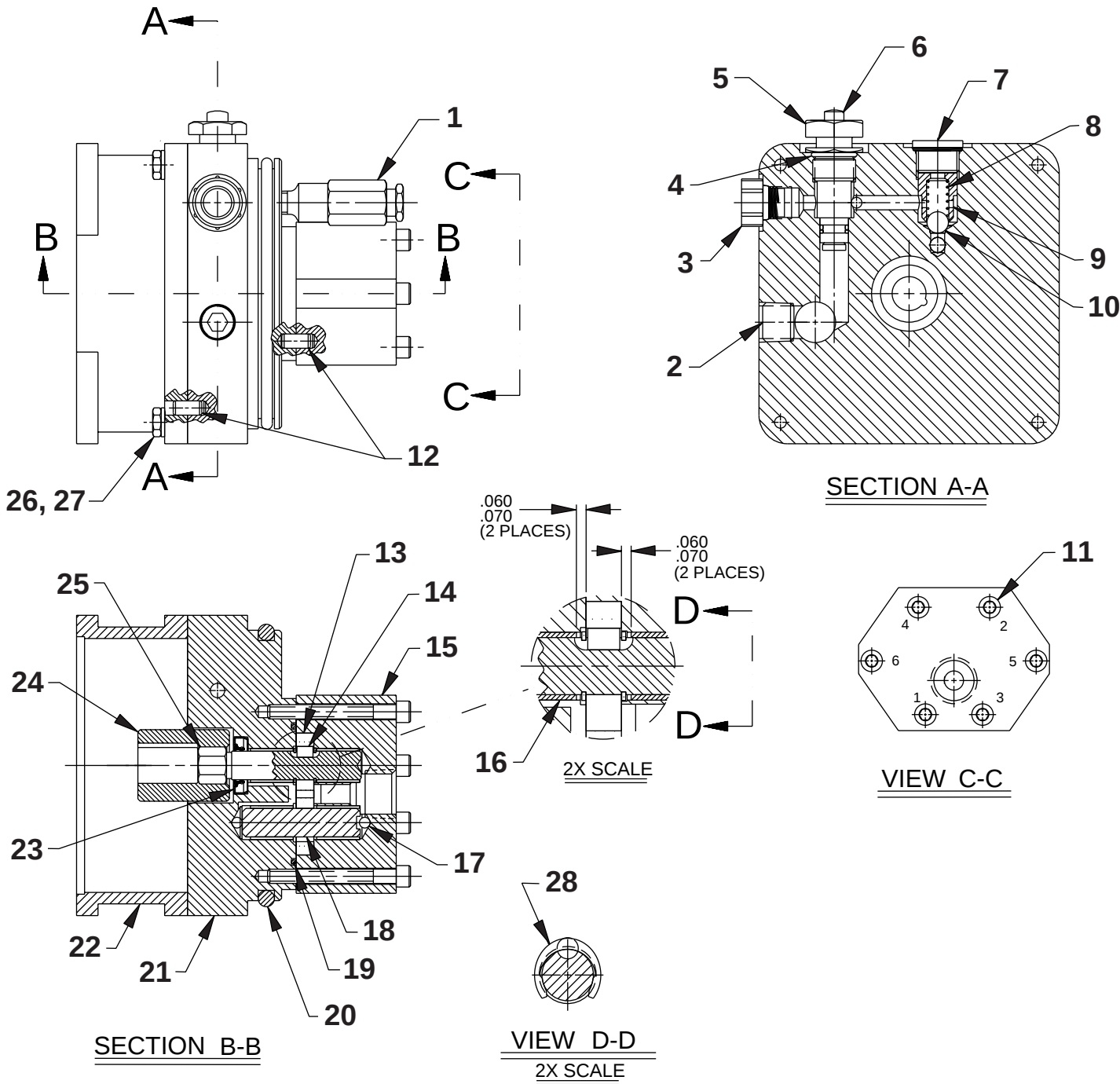


ELECTRICAL SCHEMATIC





BASIC PUMP



Item No.	Part No.	No. Req'd	Description
1	421638-21	1	Relief Valve Assembly (Set at 2,200/2,600 PSI)
2	16232	1	Plug Fitting (3/8 NPTF)
3	250962	1	Plug Fitting (9/16-18 Plastic)
4	10527	1	O-ring (.81 x .64)
5	351465	1	Release Valve Cap
6	351633	1	Release Valve
7	214014	1	Plug Fitting (1/2 tube)
8	10425	1	Compression Spring (.37 O.D. x .75 x .03 WS)
9	351622	1	Spring Guide
10	10378	1	Steel Ball (3/8 dia.)
11	12001	6	Cap Screw (1/4-20 x 2-1/4 Lg.; Cross torque in 60 in. lbs. increments in order shown. Torque to 120 in. lbs.)
12	15156	4	Dowel Pin
13	421625-2.5	2	Gear
14	253070-2.5	1	Key
15	65739-2.5	1	Body
16	253071	4	Sleeve Bearing
17	12223	2	Steel Ball (3/16 dia.)
18	253068	1	Shaft
19	253069	1	O-ring (2.250 x 2.062)
20	252645	1	O-ring (4.750 x 4.375)
21	65745	1	Valve Body
22	59041	1	Motor Base Adapter
23	252616	1	Oil Shaft Seal
24	351625	1	Coupling
25	351627-2.5	1	Shaft
26	10009	4	Cap Screw (1/4-20 x 3/4 Lg.)
27	12719	4	Plain Washer
28	253072	2	External Retaining Ring (Position retaining ring to keyway as shown)

