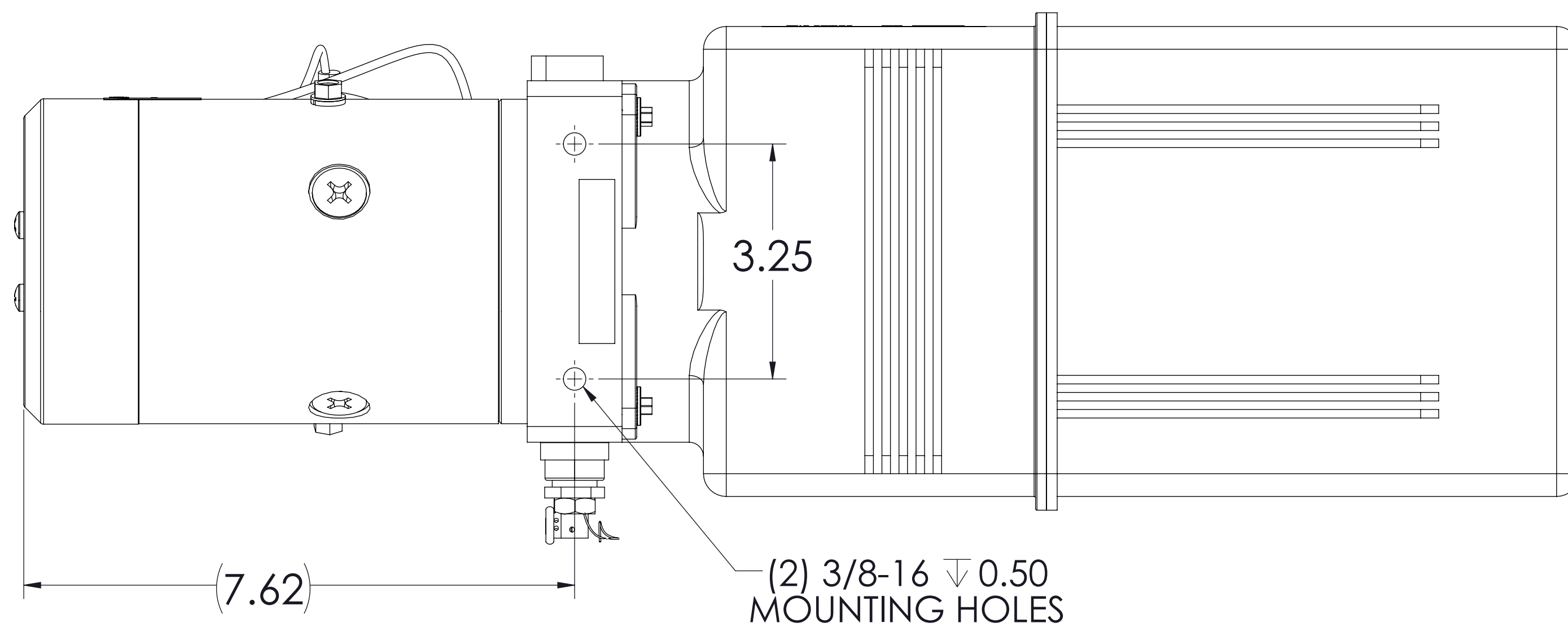
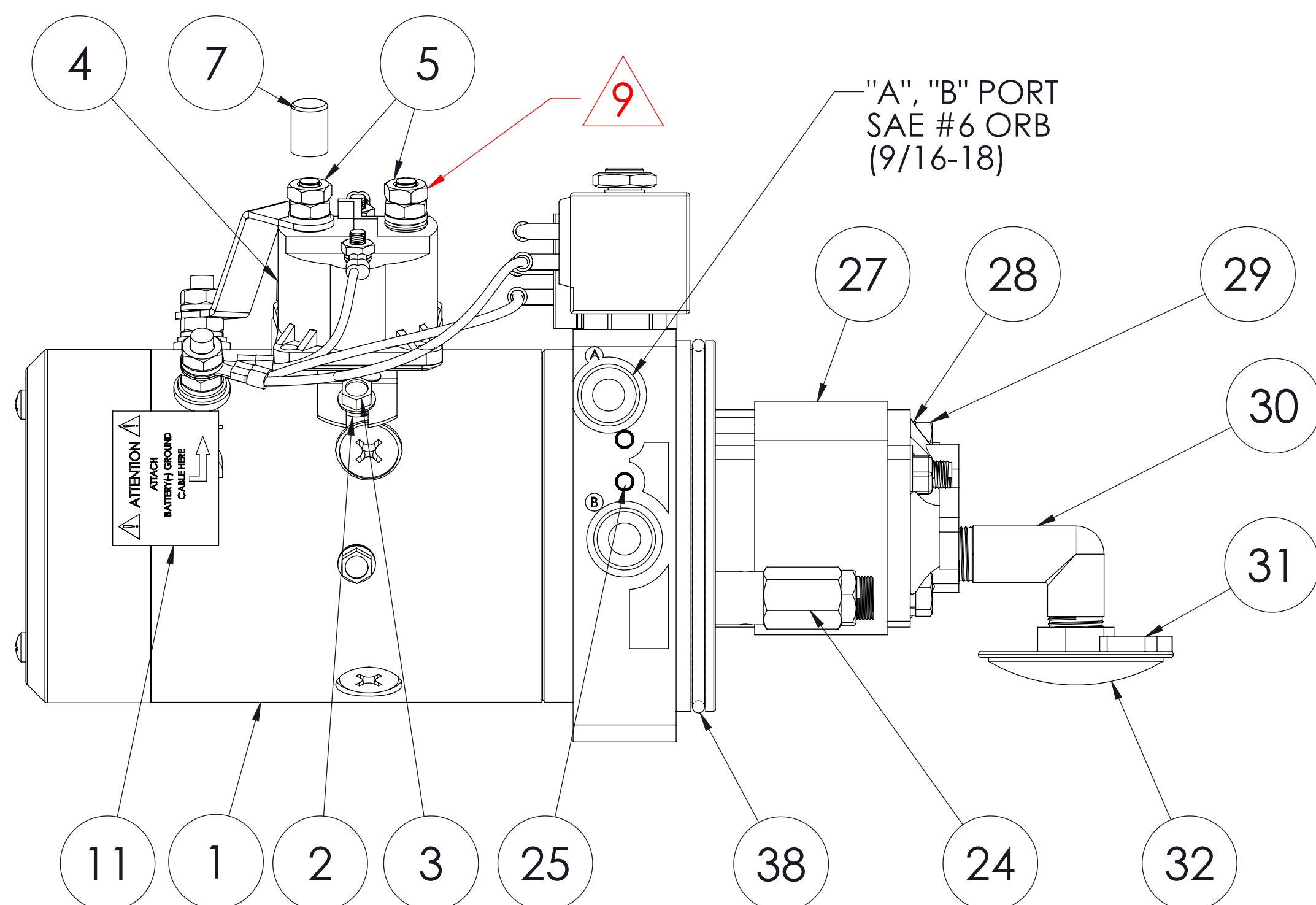
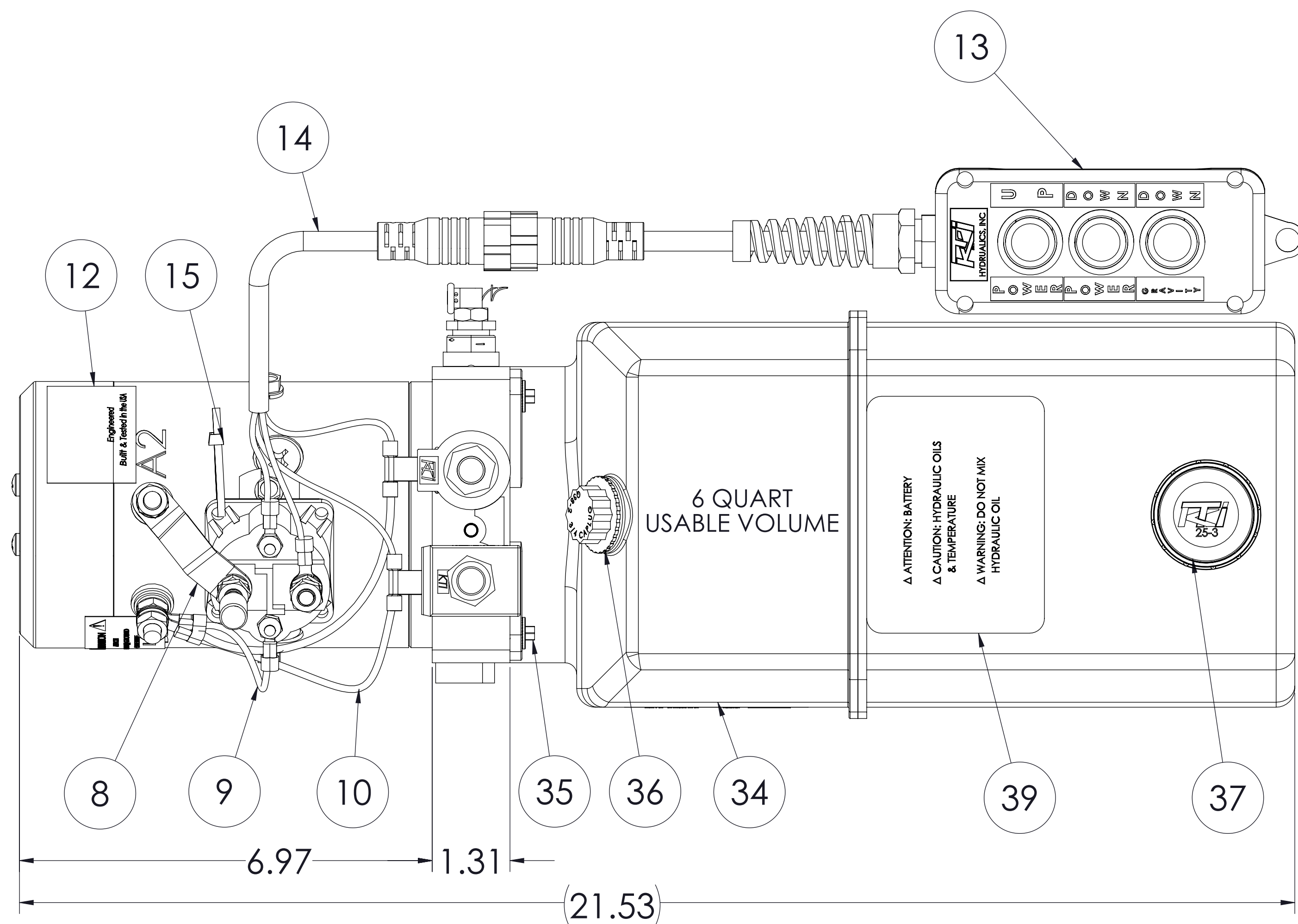
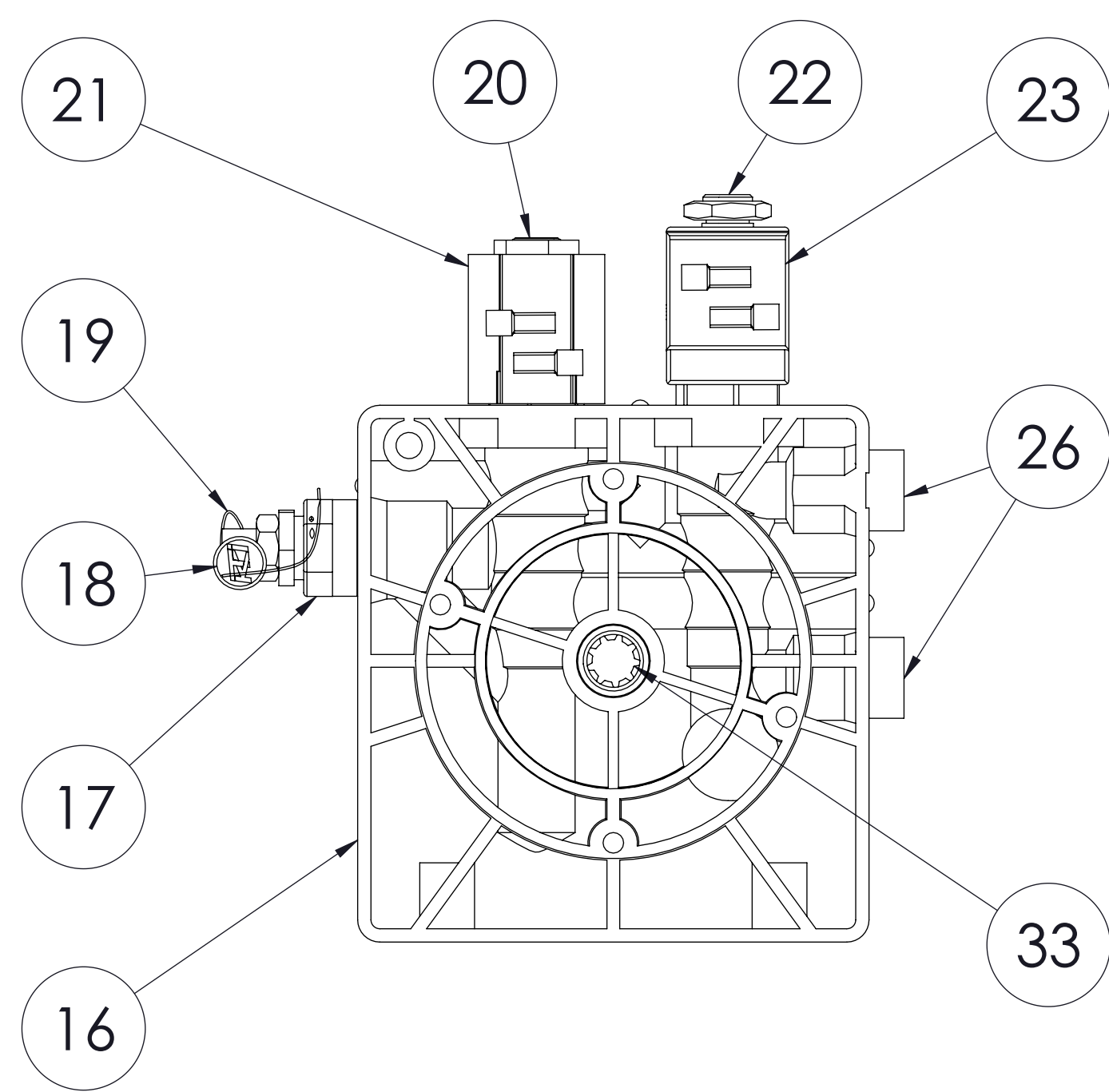
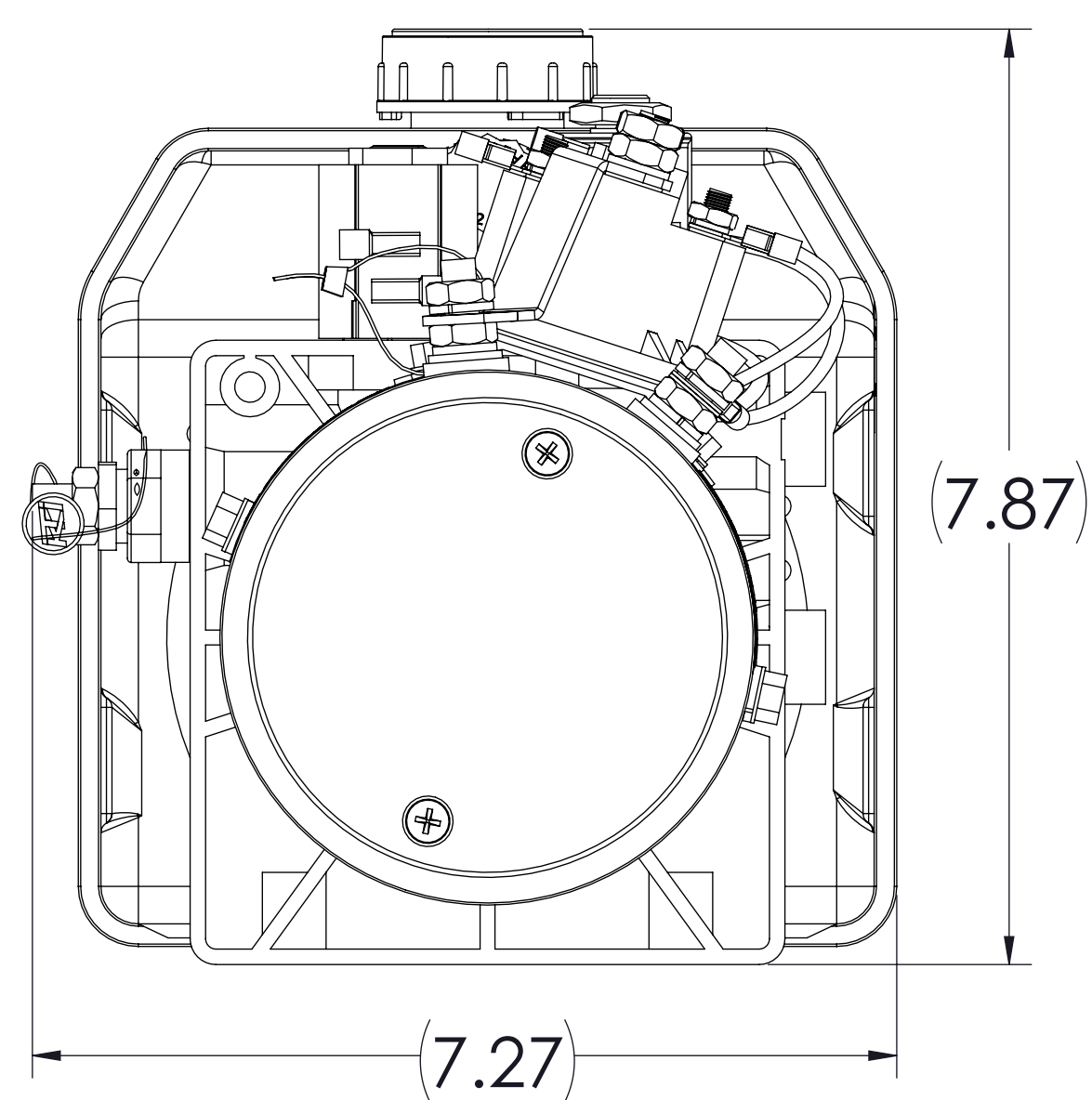


Circuit 115



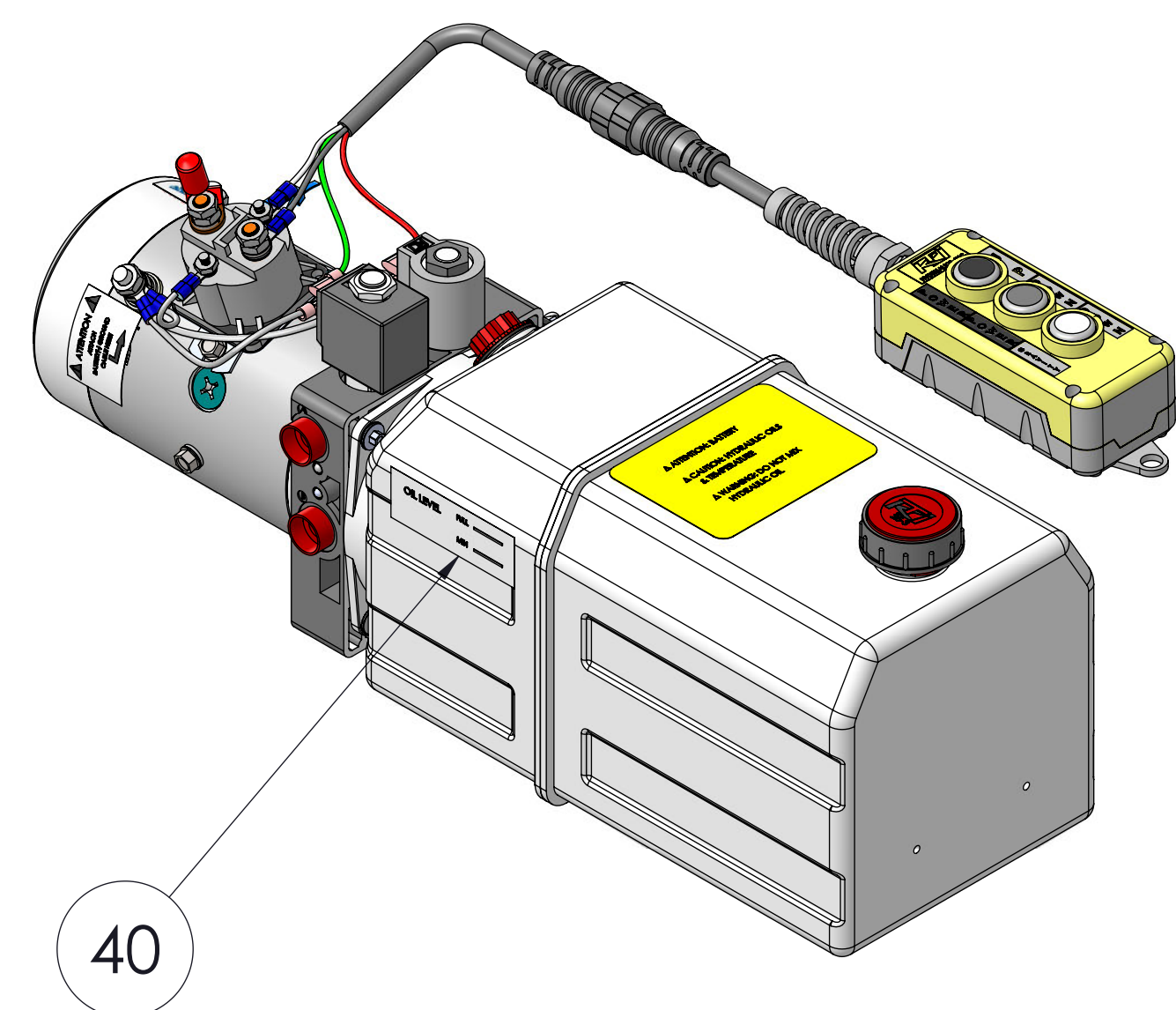
GENERAL INSTRUCTIONS

1. TORQUE PUMP MOUNTING CAP SCREWS TO 15-16 LB/FT.
2. TORQUE MOTOR MOUNTING CAP SCREWS TO 8 LB/FT.
3. TORQUE LRV-080, LSV2-08-4CO AND LSPC-080-4-00 TO 18 FT/LB.
4. SET LRV-080 @ 3200 PSI, RVSAE6-30 @ 1500 PSI.
5. TORQUE COILS LC2-08-C-5B AND LC-08-S-5B FINGER TIGHT.
6. TORQUE STUDS ON START SOLENOID 391-2-C TO 42 IN/LB MAX.
7. 391-2-C & 74-03 WIRES COMPLETED.
8. TEST COMPLETE PER TS/DC 4449.
9. INSTALL ITEM #6(WARNING LABEL TAG) AFTER TEST COMPLETED.



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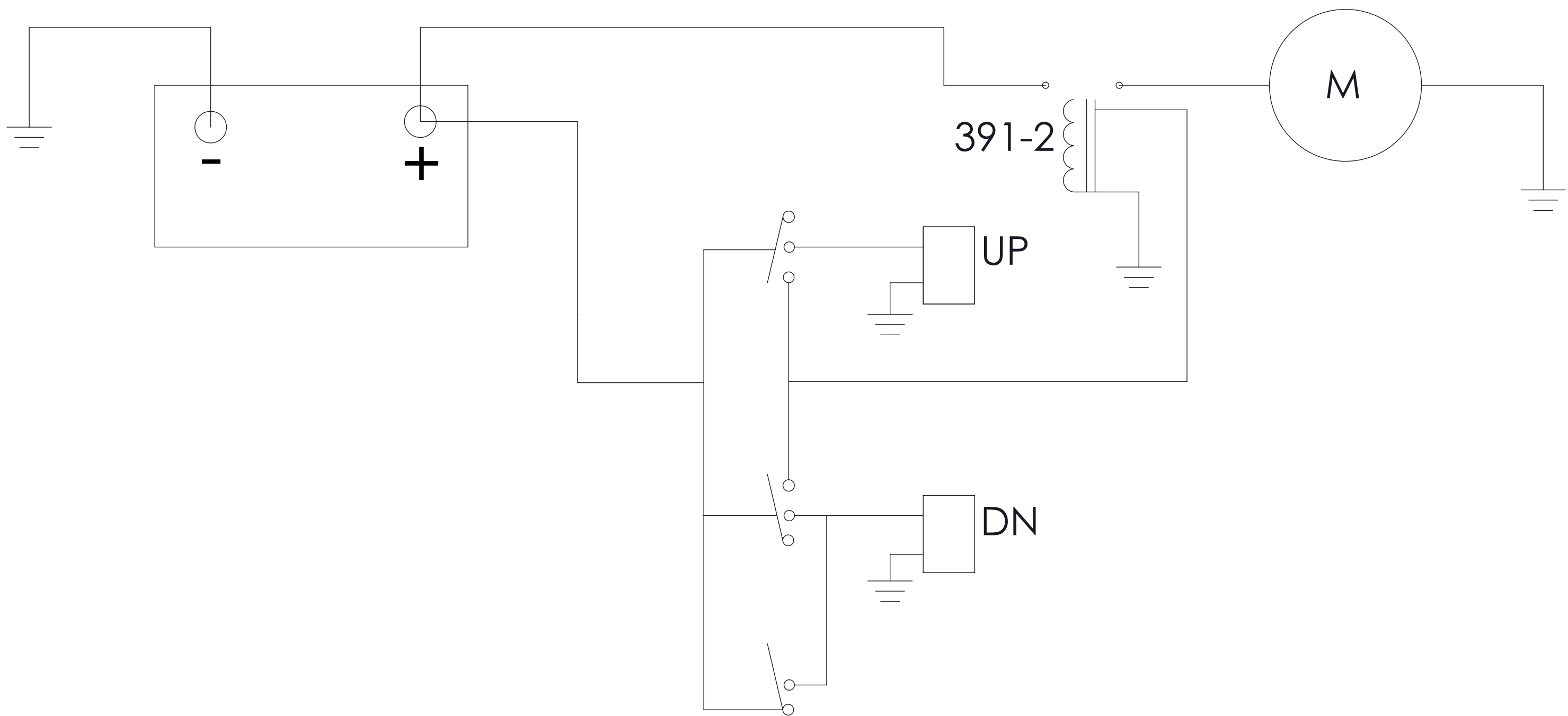
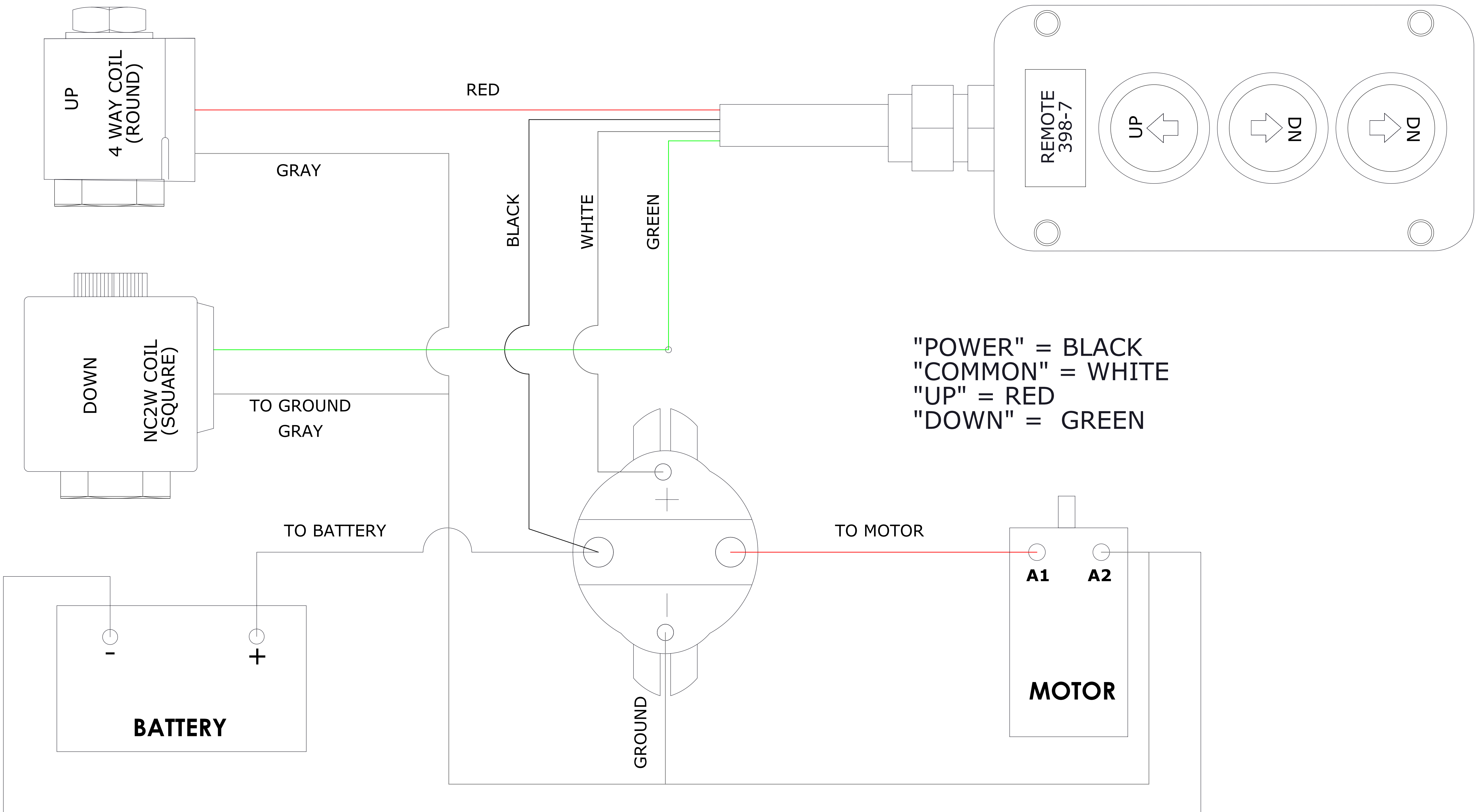
REVISIONS				
REV	ECR	DESCRIPTION	DATE	APPROVED
B		CHANGE REMOTE FROM 395-22 TO 398-7 +74-06, PIG TAIL FROM 64-11 TO 74-03, 27-1 TO 27-108		



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1245-18	12V DC, (2) TERMINAL, ELECTRIC MOTOR	1
2	Q14-025	1/4" STEEL SPLIT LOCK WASHER	4
3	Q19-025-0038-23	1/4-20 X 3/8" STEEL HEX FLANGE HEAD SELF TAPPING SCREW	4
4	391-2	12V DC HEAVY DUTY PLASTIC START SOLENOID SWITCH /100 amp	1
5	Q21-031	5/16-24 UNF HEX NUT	2
6	31-5	WARNING LABEL TAG, YELLOW, TORQUE SPEC (NOT SHOWN)	1
7	Q5-11	ROUND VINYL CAP PLUG, DIA 0.468" x 0.500", COLOR RED	1
8	27-108	POWER BAR 108 (MOTOR POWER TERMINAL TO SOLENOID POWER TERMINAL)	1
9	27-16	GROUND WIRE (MOTOR GROUND TERMINAL TO SOLENOID GROUND TERMINAL)	1
10	27-33	GROUND WIRE (MOTOR GROUND TERMINAL TO 2 COILS)	1
11	31-10	LABEL, BATTERY GROUND TO MOTOR GROUND TERMINAL	1
12	31-12	LABEL, AMERICAN FLAG, ENGINEERED, BUILT & TESTED IN USA	1
13	398-7+74-06	3 BUTTON 4 WIRE REMOTE PENDANT W/SOLID MOLDED QUICK DISCONNECT & 15 FT EXTENSION CORD	1
14	74-03	FEMALE SOLID MOLD TOWER HALF SHROUD CONNECTOR WITH 8 INCH CORD & 4 WIRES	1
15	Q37-2	NYLON BLACK CABLE TIE 8"	1
16	3920-108	KTI UNIVERSAL MANIFOLD CIRCUIT 108	1
17	LRV-080	CARTRIDGE RELIEF VALVE, ADJUSTABLE SET AT 3200 PSI	1
18	63-1	KTI WARRANTY LEAD SEAL	1
19	63-2	WIRE FOR RELIEF VALVE	1
20	LSV2-08-4CO	4W2P SPOOL TYPE CARTRIDGE SOLENOID VALVE	1
21	LC2-08-C-5B	10V DC #8 CYLINDRICAL COIL W/ DUAL SPADE	1
22	LSPC-080-4-00	NC 2 WAY AND P.O.C IN 4 WAY CARTRIDGE VALVE	1
23	LC-08-S-5B	10V DC #8 SQUARE COIL W/ DUAL SPADE	1
24	RVSAE6-30	SECONDARY RELIEF VALVE W/SIDE EXHAUST PORTS. SET AT 1500 PSI	1
25	SX-6	EXPANDER SEALING PLUG, 6mm ZINC PLATED	4
26	Q5-6	SAE #6 (9/16-18) PLASTIC SHIPPING PLUG	2
27	PL-2.10	PRESSURE LOADED GEAR PUMP (0.1324 IN³/R)	1
28	Q14-031	5/16" STEEL SPLIT LOCK WASHER	2
29	Q16-031-0325	5/16-24 x 3.25" HEX HEAD CAP SCREW, GRADE 5	2
30	21-1	3/8" NPT 90 DEGREE ALUMINUM DIE-CAST INLET ELBOW	1
31	23-1	RECTANGLE CARBON MAGNET	1
32	57-6	3/8" NPT INLET STRAINER, 120 MESH, PLEATED	1
33	52-23	9 TOOTH FEMALE SPLINE/FEMALE SLOT FOR TANG 1.676 TO 1.666	1
34	8181-6	6 QUART PLASTIC OFFSET RESERVOIR	1
35	Q95-025-0050	1/4-20 x 0.50", 6mm HEX FLANGE LOCKING CAP SCREW	4
36	Q38-2	KTI 3/4 NPT PLASTIC PLUG W/ NEOPRENE GASKET	1
37	25-3	KTI 3/4 NPT 40 MICRON AIR BREATHER	1
38	Q2-4113	O-RING, I.D. 113mm, C/S 4mm. METRIC BUNA, RESERVOIR	1
39	31-9	WARNING LABEL, BATTERY & OIL TEMP	1
40	31-2	OIL LEVEL LABEL	1

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES XXX ±.005 ±1° XX±.01		DRAWN	K. LAI	10/07/13	
				CHECKED			
				ENG APPR.			
				MFG APPR.			
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.			
		MATERIAL		COMMENTS:			
		FINISH					
IN	NEXT ASSY	USED ON					
APPLICATION			CIRCUIT 111				
							
				TITLE:			
				KTI 12V DC POWER UNITS (HORIZONTAL MOUNTING)			
				SIZE	DWG. NO.	REV	
				E	DC 4747 RB	.	
				SCALE:	WEIGHT:	SHEET 1 OF 2	

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED



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		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES ARE:		DRAWN	K. LAI
		FRACTIONS DECIMALS ANGLES		CHECKED	10/07/13
		XXX ± .005 ± 1°		ENG APPR.	
		XX ± .01		MFG APPR.	
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.	
		MATERIAL		COMMENTS:	
		FINISH			
NEXT ASSY	USED ON				
		APPLICATION		CIRCUIT 111	

TITLE:		WIRING DIAGRAM	
SIZE	DWG. NO.	REV	
E	DC 4747 RB	.	
SCALE:	WEIGHT:	SHEET 2 OF 2	