



B20A-E-V09

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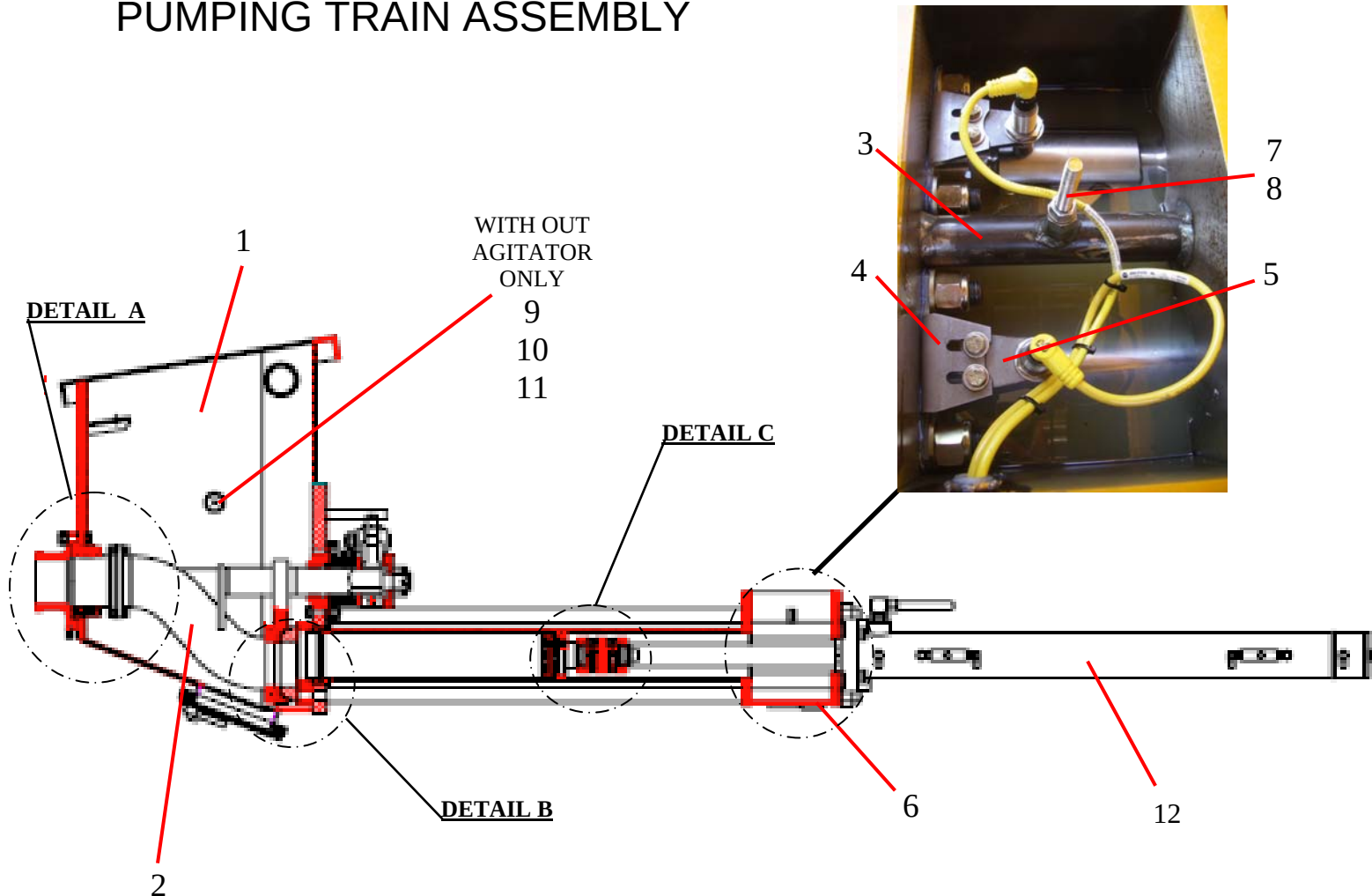
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PARTS

PUMPING TRAIN ASSEMBLY

WATERBOX TOP VIEW



ID #	PART #	PART DESCRIPTION	QUANTITY	
	87934-3	STD SHIFT PUMPING TRAIN ASSY (JARP CYL)	1	EA
1	86803A	HOPPER WELD B20 SAFETY	1	EA
2	71349	S TUBE WLD, 4X4	1	EA
3	88172	FLUSH BOX WELDMENT, B20/B20HP	1	EA
4	88180	BKT-PROX SENSOR, FLUSH BOX	2	EA
5	88179	BRACKET PROXIMITY SWITCH MOUNT	2	EA
6	10282	PLUGS-PIPE GALV 1"	1	EA
7	86665	STUD, 3/8-16 X3" LONG	1	EA
8		3/8-16 JAM NUT	1	EA
9	73433	COVER REMIX (OUTSIDE)	1	EA
10	73434	COVER PLATE (INSIDE)	1	EA
11	86623	SEAL, AGITATOR (INSIDE)	1	EA
12	73120A	DRIVE CYLINDER -2.75 X 2.00 X 36.00	2	EA

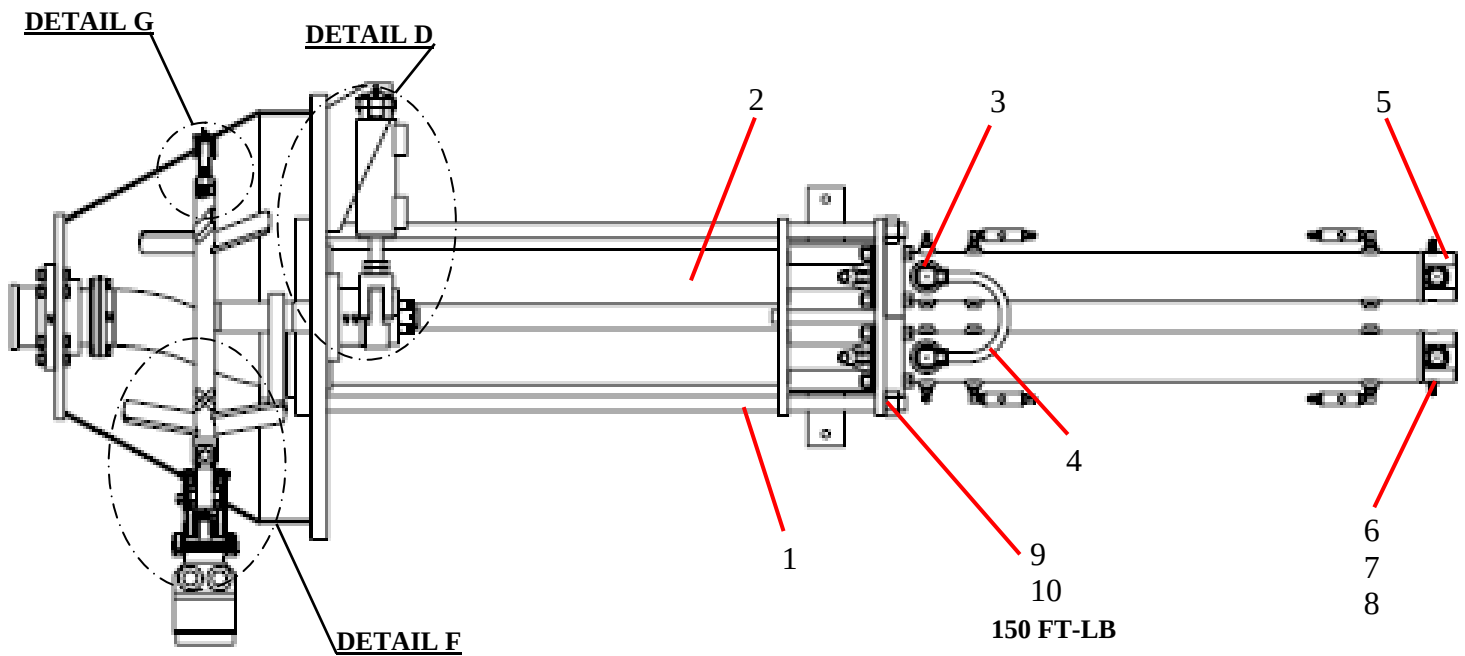


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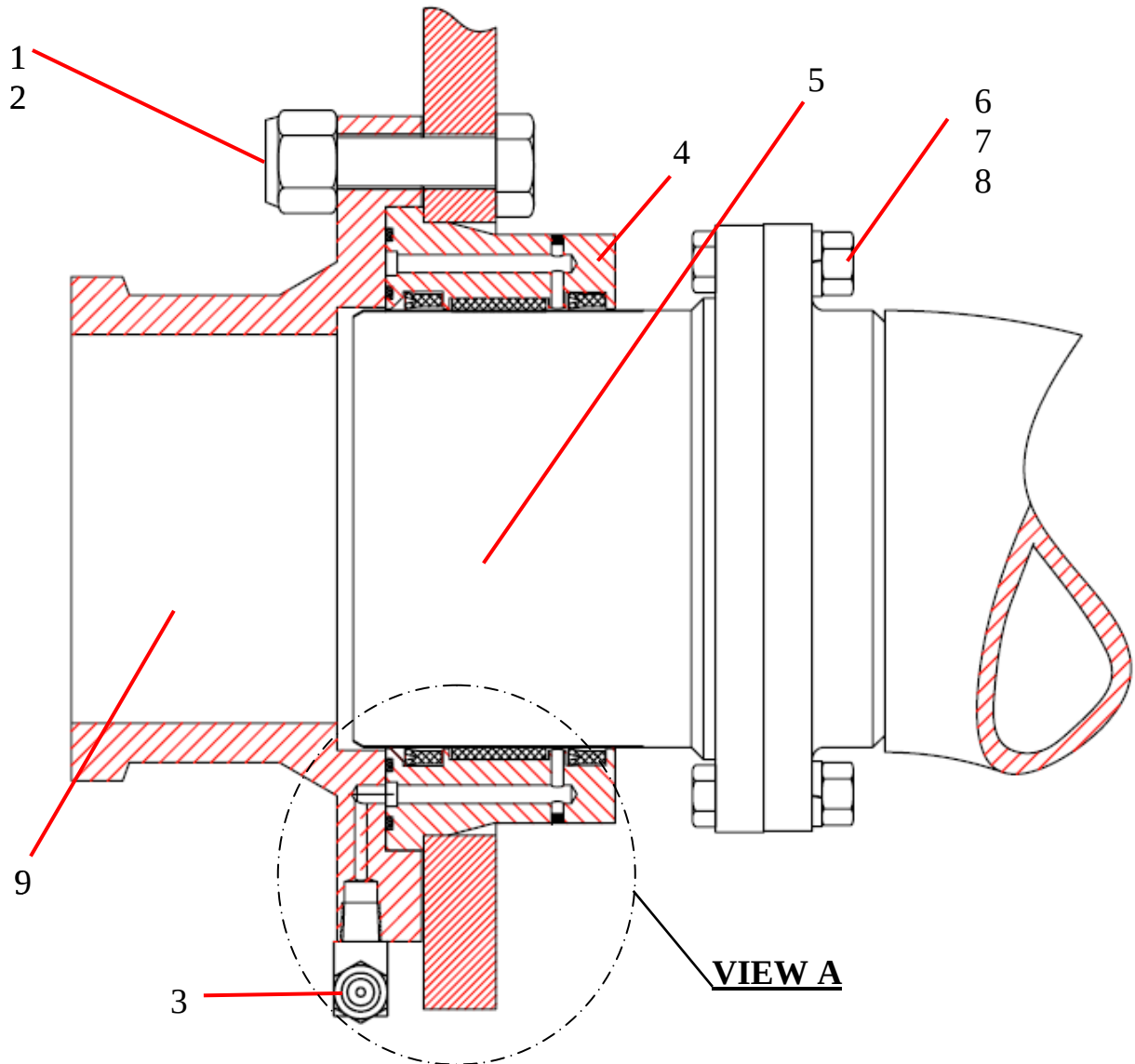
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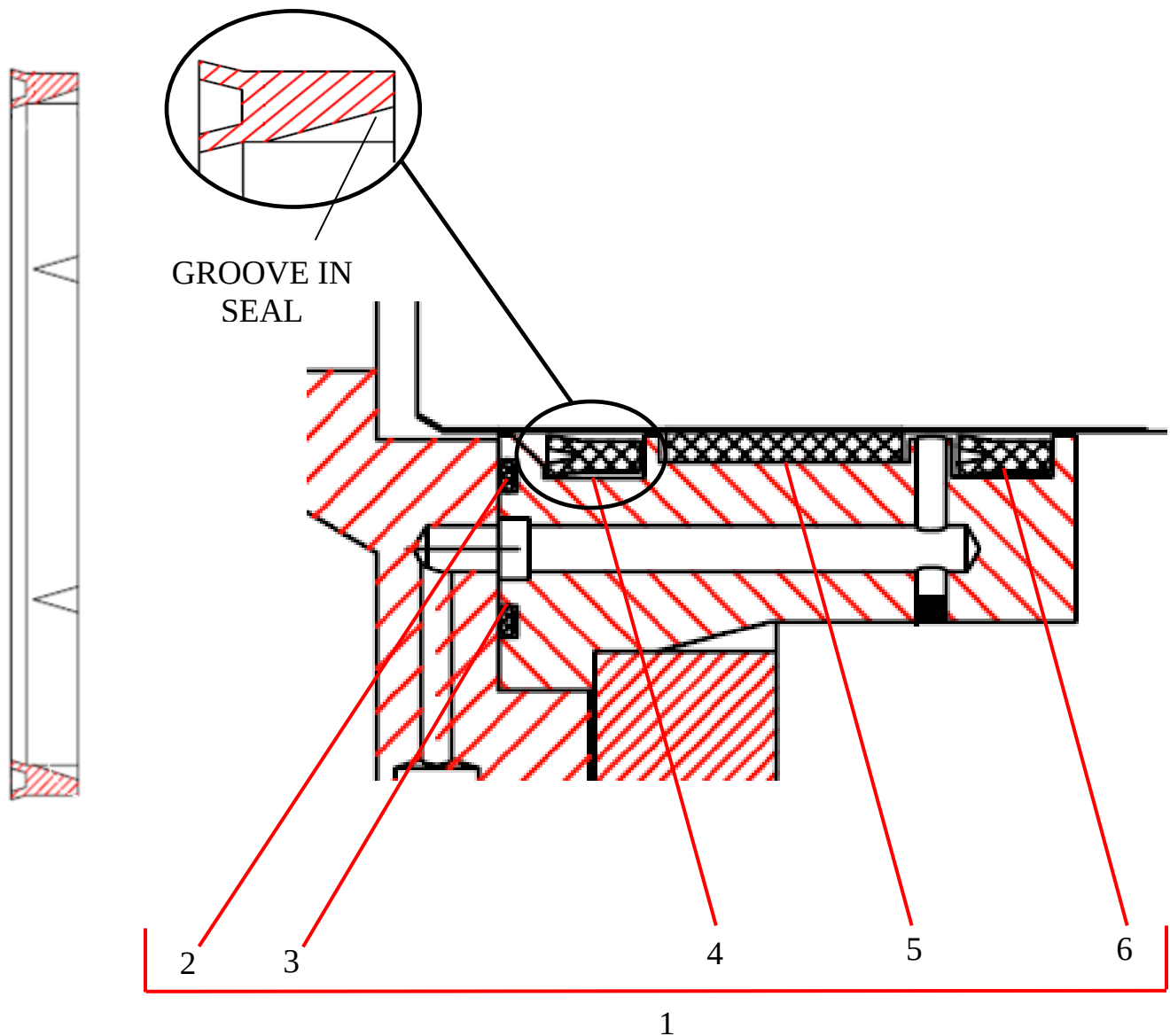
PUMPING TRAIN ASSEMBLY



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	70315	TIE ROD, 1¼" -12 X 48½"	4	EA
2	71232	CONCRETE CYLINDER, 4" X 36"	2	EA
3		ELBOW, MB – MJ-16-16	2	EA
4	85688	TUBE, HYD, LOOP LINE	1	EA
5	71401	END PLATE – HYD.CYL,M20 PAINTED	1	EA
6		HHCS, ½" – 13X1 ¼" GR	4	EA
7		LOCK WASHER, 1/2	4	EA
8		FLATWASHER, 1/2	4	EA
9		HEX NUT 1 ¼"- 12	4	EA
10		LOCK WASHER, 1 ¼"	4	EA

S-TUBE ASSEMBLY
4" OUTLET ASSEMBLY ASSEMBLY**DETAIL A**

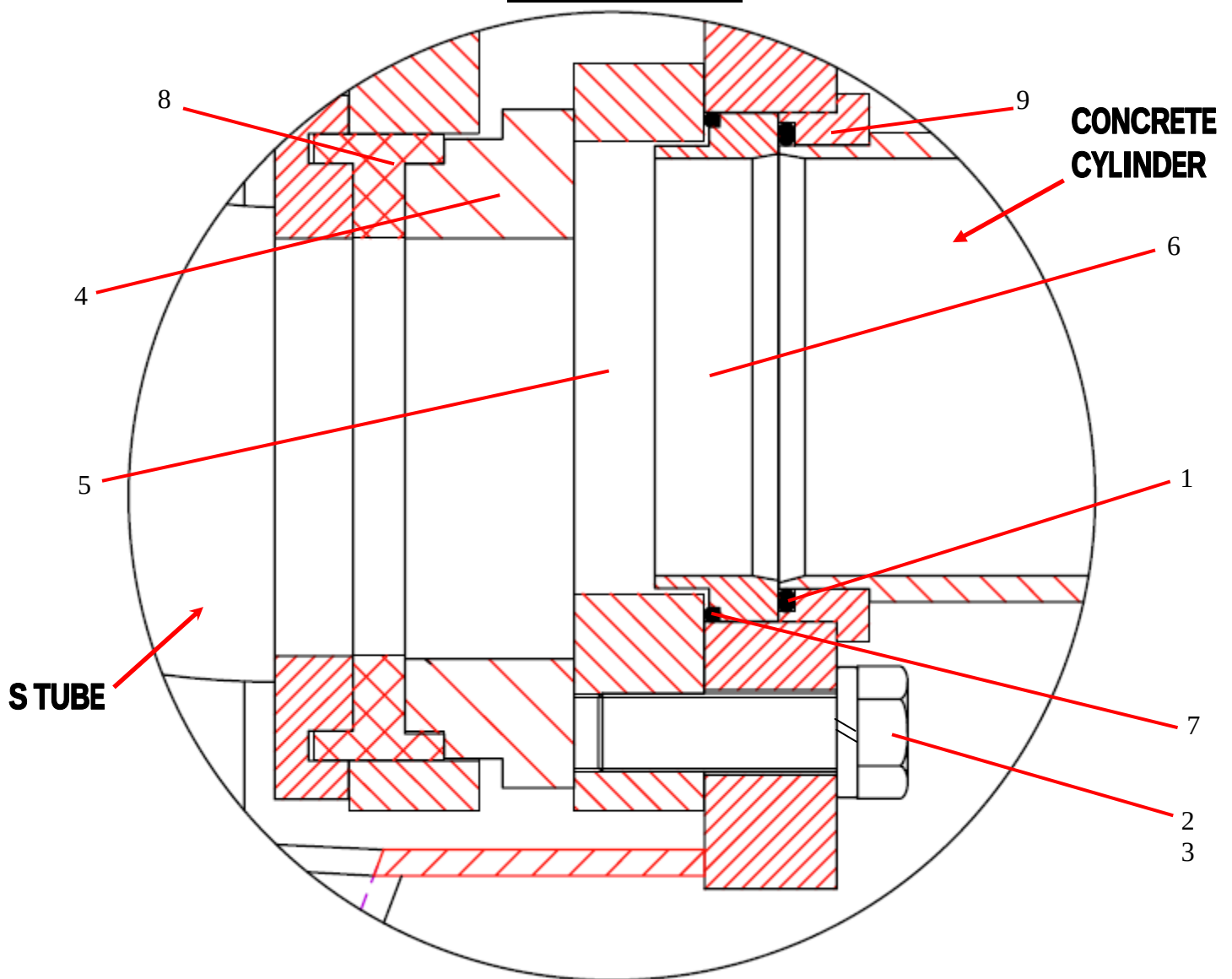
ID #	PART #	PART DESCRIPTION	QUANTITY	
1		HHCS, 9/16-12 X 2 1/2 GR/8	6	EA
2		LOCK NUT, 9/16 -12	6	EA
3		GREASE FITTING, 1/8" NPT 90°	2	EA
4	86335	OUTLET SEAL HOUSING- 4"	1	EA
5	71343	CHROMED OUTLET	1	EA
6		HHCS, 3/8 – 16X1 1/2" GR 8	6	EA
7		HEX NUT, 3/8" - 16	6	EA
8		LOCK WASHER, 3/8"	6	EA
9	86336	OUTLET, 4" (1-PIECE)	1	EA

4"OUTLET SEAL KIT INSTALLATION**VIEW A**

ID #	PART #	PART DESCRIPTION	QUANTITY	
1	86621	SEAL KIT	1	EA
2	86369	O-RING-#158 BUNA 90	1	EA
3	86370	O-RING-#163 BUNA 90	1	EA
4	86614	SEAL-MODIFIED- 4 IN OUTLET	1	EA
5	86371	GUIDE BAND - 4.75 OD X 1.00W	1	EA
6	86372	LIP SEAL -4.50 ID X 4.88 OD X.38	1	EA

WEAR PLATE ASSEMBLY

DETAIL B



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	71249	O-RING, #347 BUENA 70	2	EA
2		HHCS, 3/4 - 10X 2 1/2" GR 8	5	EA
3		LOCK WASHER, 3/4"	5	EA
4	72384	WEAR RING, 4" DOUBLE LIP, 26% CHROME	1	EA
5	71251	WEAR PLATE-CAST 4" M20	1	EA
6	71254	ANTI CHIP RING, 4"	2	EA
7	71247	O-RING FOR CHIP RING	2	EA
8	72285	SEAL, DOUBLE LIP 4"	1	EA
9	71257	CONC, CYL. ADAPTER	2	EA



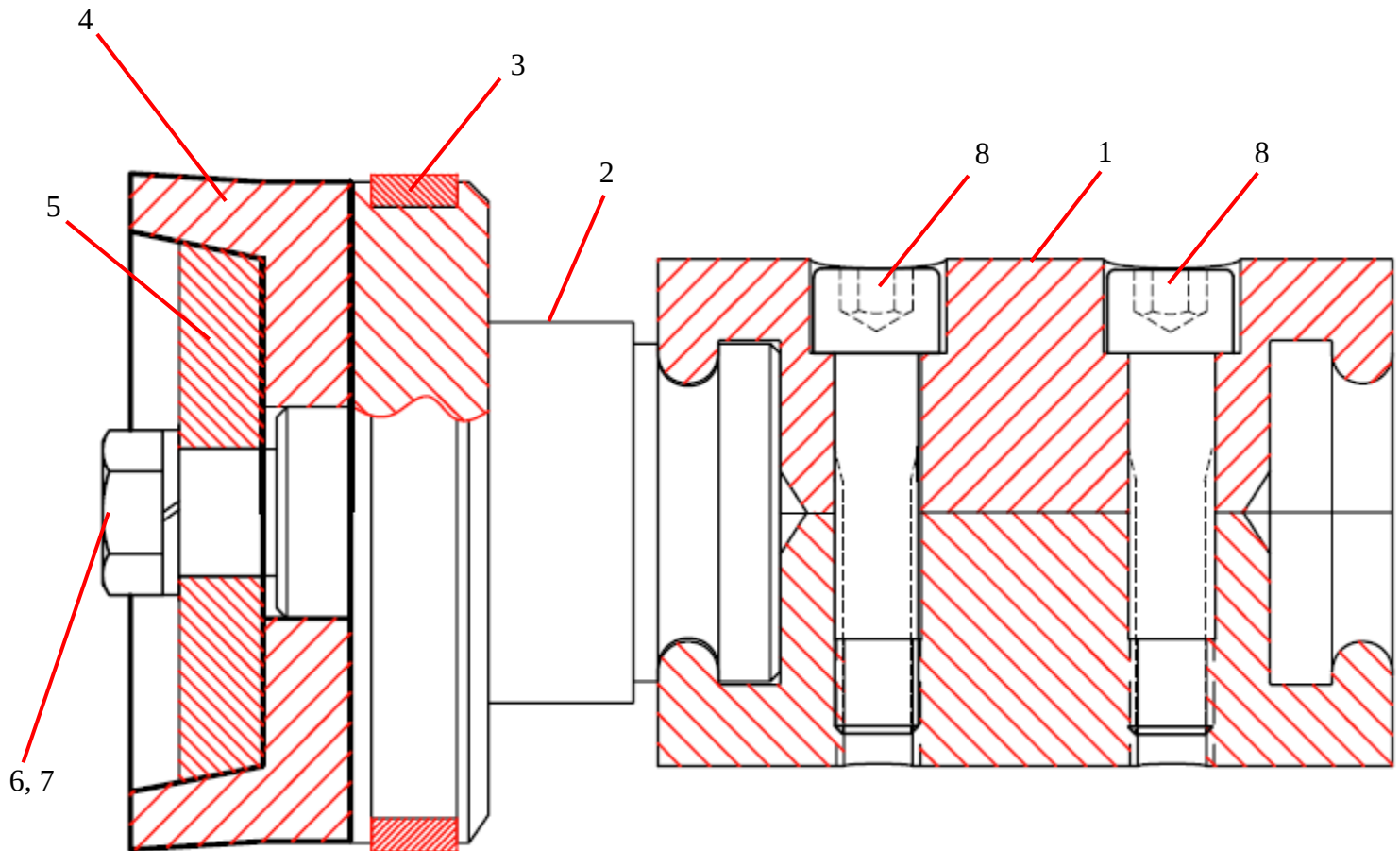
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4" PISTON CUP ASSEMBLY

DETAIL C



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	70077	PISTON COUPLING,	1	EA
2	87940	PISTON ADAPTER 4" WITH GUIDE BAND	1	EA
3	87994	WEAR RING(GUIDE BAND) 4"	1	EA
4	76500	PISTON CUP, 4 IN	1	EA
5	88011	PISTON PLATE 4" SINGLE BOLT	1	EA
6	87982	HHCS 3/4-16 1.5" LONG GR8 PLATED	1	EA
7	80010	LOCKWASHER-3/4 STL ZINC PLATED	1	EA
8		SCHS 1/2-20x2-1/4" FINE THREAD	2	EA

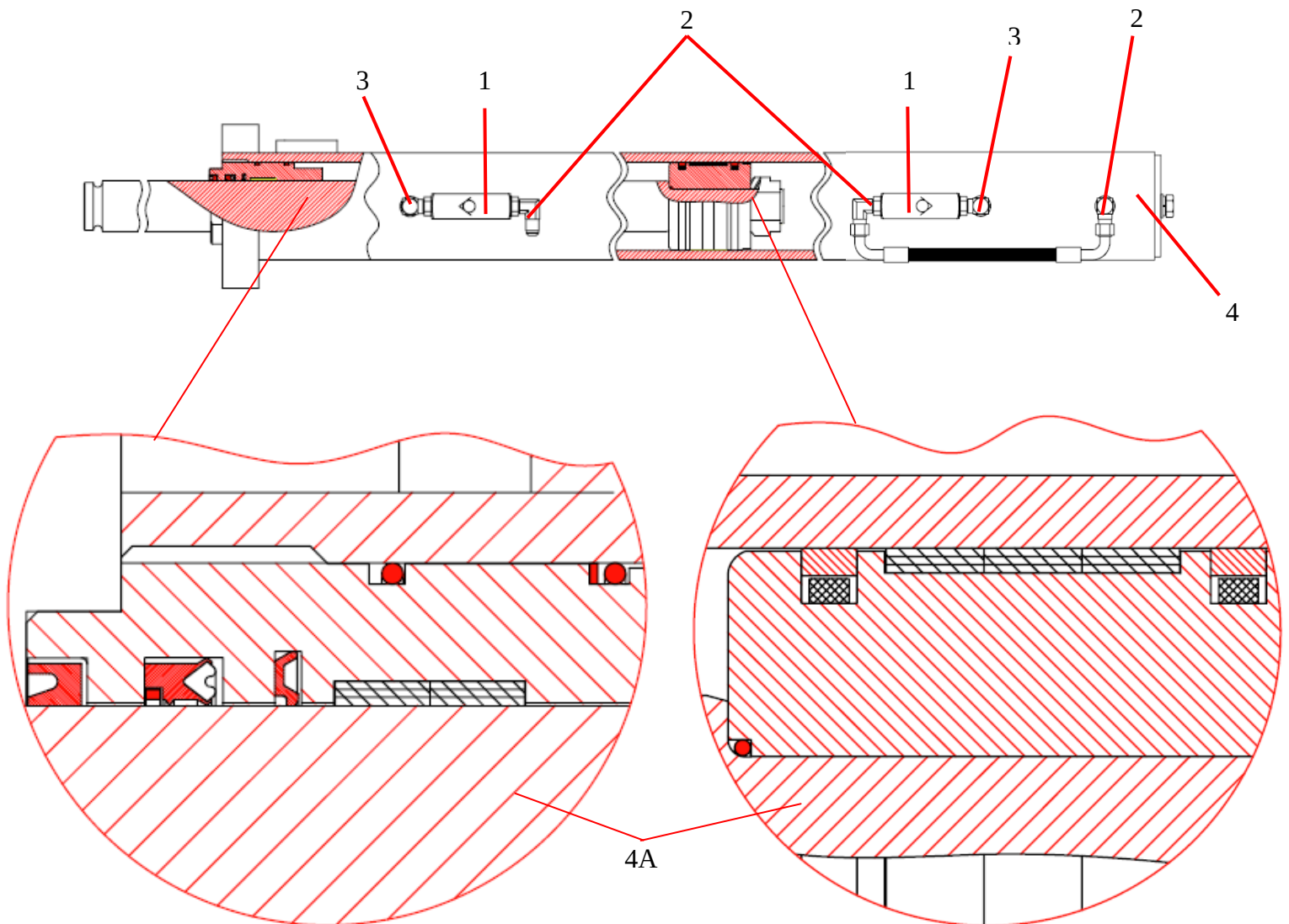


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DRIVE CYLINDER ASSEMBLY



73120A-SK SEAL KIT
ASSEMBLY

ID #	PART #	PART DESCRIPTION	QUANTITY	
1	78961	CHECK VALVE-5K PSI O-RING	4	EA
2	86748	FITTING-MB-MJ90-6-6	4	EA
3		ELBOW, MB-MB90-6-6	2	EA
4	73120A	DRIVE CYLINDER -2.75 X 2.00 X 36.00	1	EA
4A	73120A-SK	SEAL KIT	1	EA



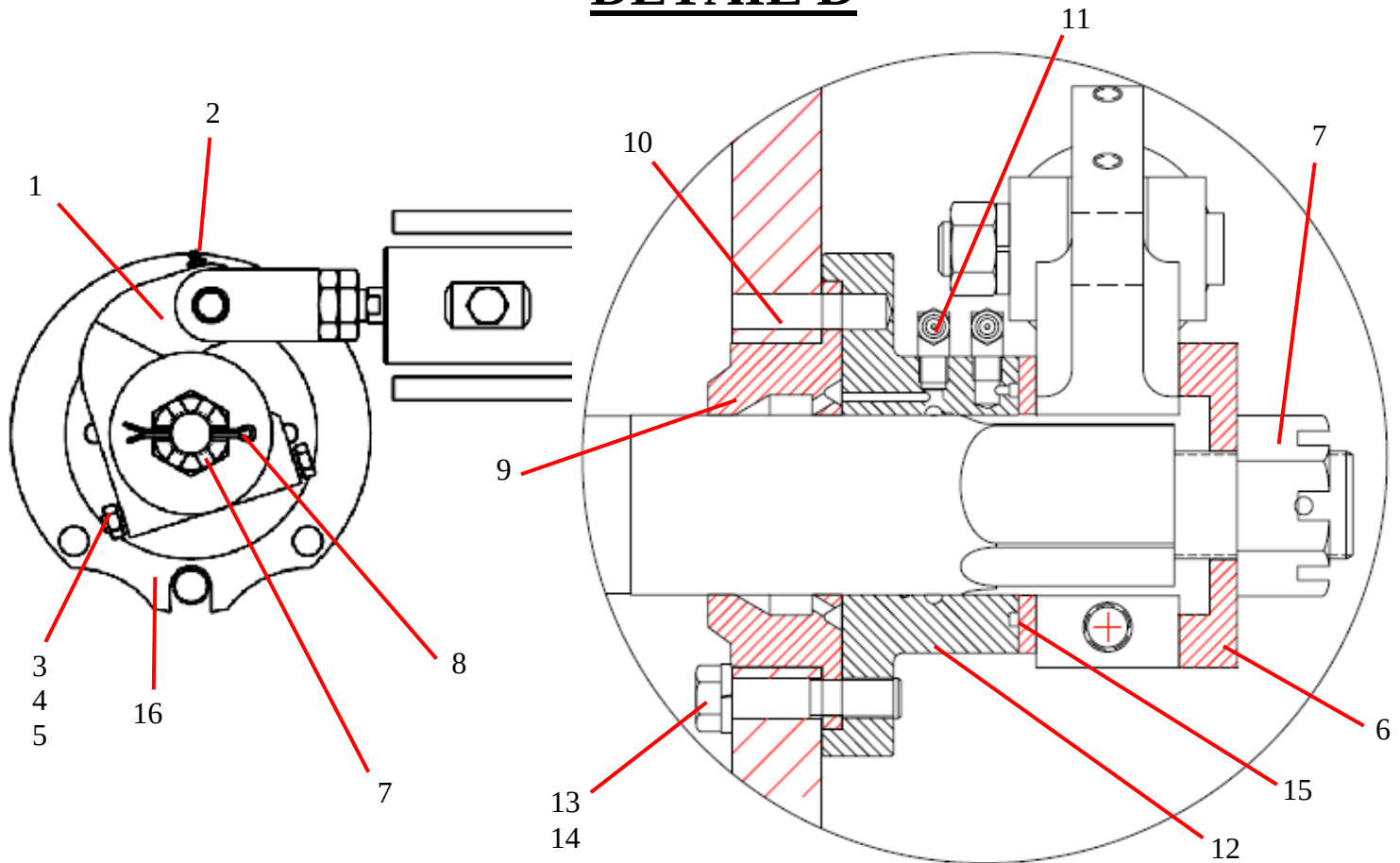
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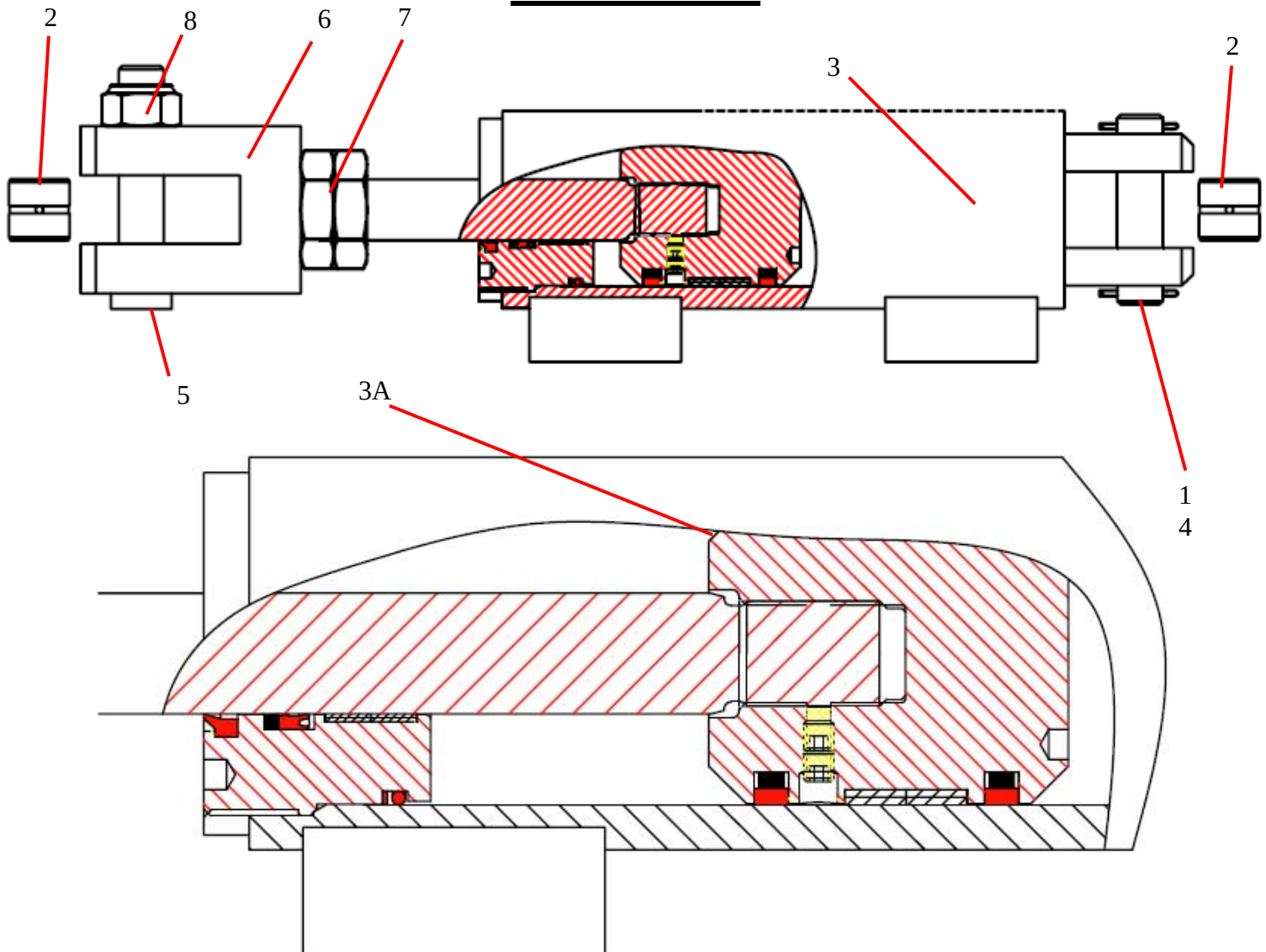
SINGLE SHIFT BELL CRANK ASSEMBLY

DETAIL D



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	71234	BELL CRANK,	1	EA
2		GREASE FITTING, 1/8" NPT 45°	1	EA
3		HHCS, 5/8"-18X5 1/2" GR 8	1	EA
4		LOCK WASHER, 5/8"	1	EA
5		JAM NUT, 5/8	1	EA
6	70125	SPACER, S-TUBE NUT	1	EA
7	70825	NUT 1 1/2" - 12 CASTLE	1	EA
8		COTTER PIN, 1/4 X4"	1	EA
9	73564	SEAL, FLANGE BEARING 2.5 SHAFT	1	EA
10		DOWEL PIN, 1/2" DIA X 2"	2	EA
11		GREASE FITTING, 1/8" NPT	2	EA
12	70124	FLANGED BEARING	1	EA
13		HHCS, 9/16 - 12X3" GR 8	4	EA
14		LOCK WASHER, 9/16"	4	EA
15	70141	THRUST WASHER, S -TUBE	1	EA
16	86502	LOCATOR RING- FLANGE BEARING	1	EA

SINGLE SHIFT SWING CYLINDER ASSEMBLY

DETAIL D

ID #	PART #	PART DESCRIPTION	QUANTITY	
1	74207	PIN - CLEVIS - .750 DIA	1	EA
2	71011	BUSHING - SHIFT CYLINDER	2	EA
3	71487A	SWING CYLINDER - 2.50 X 1.00 X 3.25	1	EA
3A	71487A-SK	SEAL KIT	1	EA
4		COTTER PIN, 3/32X1 3/4"	2	EA
5	70142	PIN, CLEVIS	1	EA
6	70143	CLEVIS, SHIFT CYLINDER	1	EA
7		1"X14 JAM NUT	2	EA
8		3/4 -10 LOCK NUT	1	EA



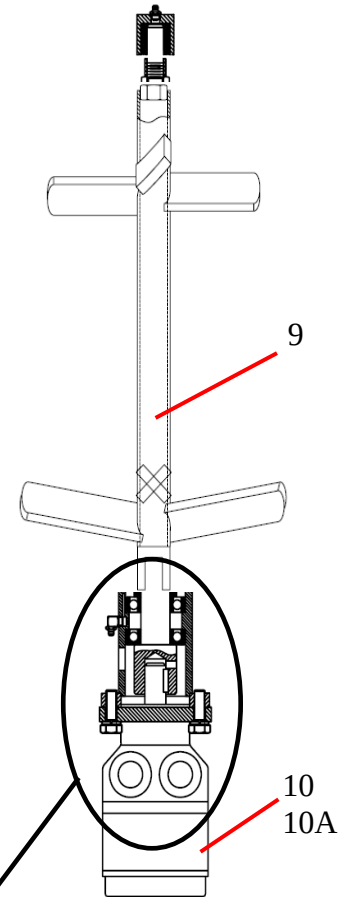
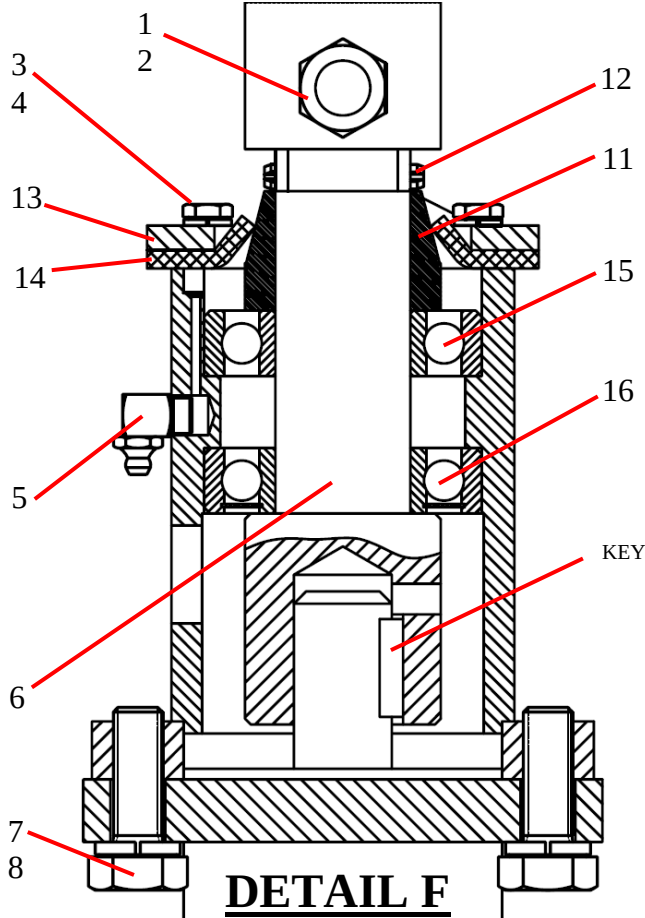
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HOPPER

AGITATOR ASSEMBLY (OPTION 1)



DETAIL F

ID#	PART #	PART DESCRIPTION	QUANTITY	
	85761	AGITATOR ASSEMBLY		
1		HHCS, 1/2 -13X2 1/4" GR 8	1	EA
2		LOCK NUT, 1/2" -13	1	EA
3		1/4-28X3/4"	6	EA
4		LOCK WASHER, 1/4"	6	EA
5		GREASE FITTING, 1/8" NPT 90°	1	EA
6	85923	SHAFT,AGITATOR	1	EA
7		HHCS, 1/2 -20X1 1/2" GR 8	2	EA
8		LOCK WASHER, 1/2"	2	EA
9	85717	AGITATOR, PADDLE-B20	1	EA
10	85811	HYD MOTOR, 45.6 CID, 1" SHAFT	1	EA
10A	85809SK	SEAL KIT	1	EA
11	85976	WEAR RING, AGITATOR	1	EA
12		SPRING PIN, 1/4" DIA X 1 3/4"	1	EA
13	70211	FLANGE SEAL S/W	1	EA
14	70212	SEAL REMIXER	1	EA
15	85978	BEARING, BALL, PLAIN	1	EA
16	85979	BEARING, BALL 1 SEAL	1	EA

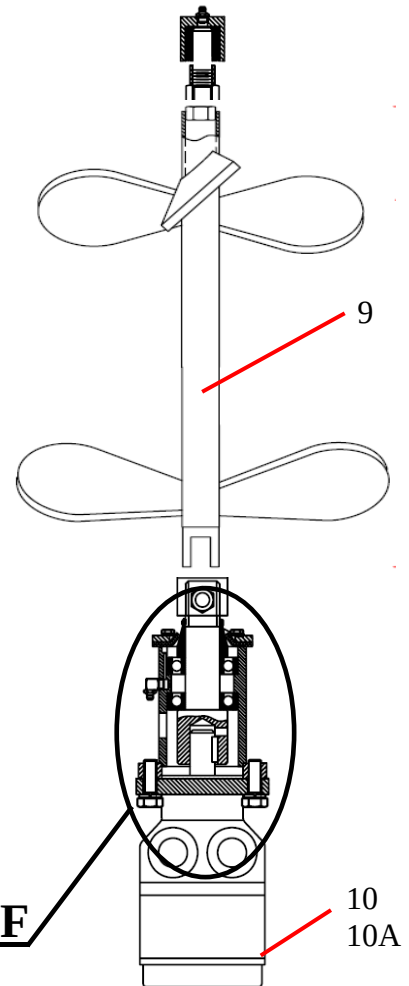
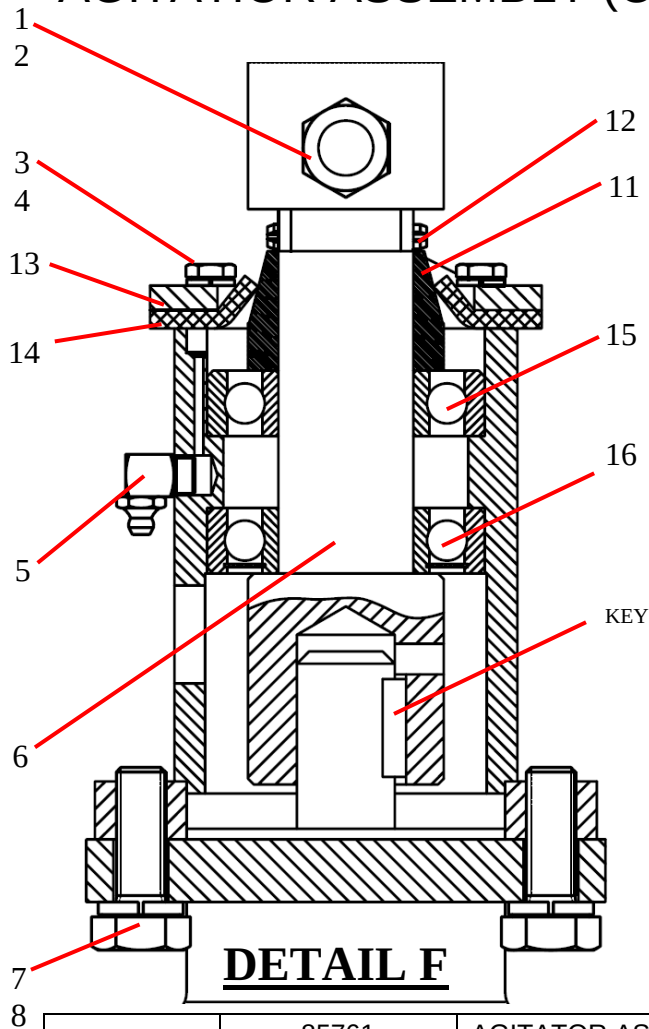


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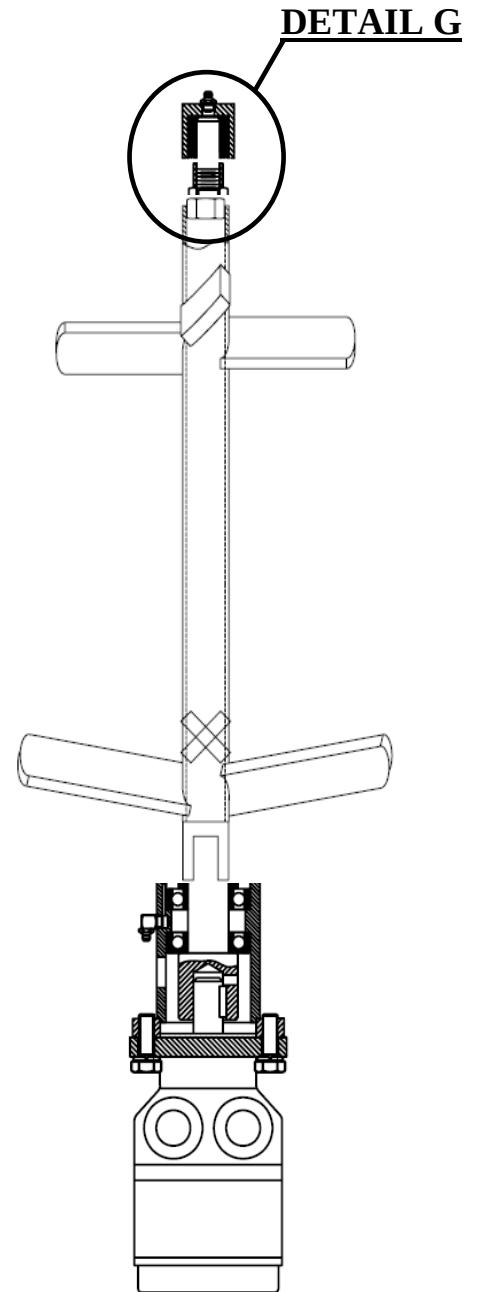
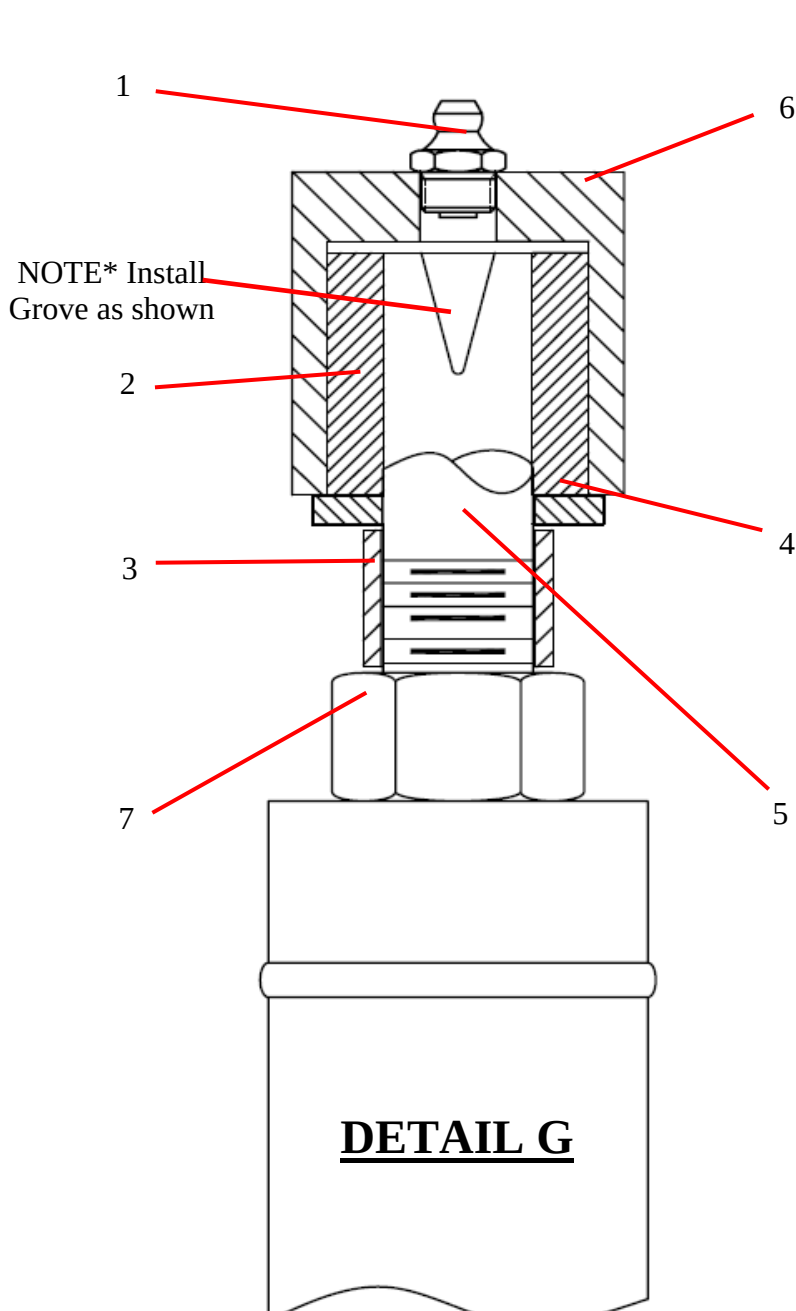
AGITATOR ASSEMBLY (OPTION 2)



DETAIL F

8	85761	AGITATOR ASSEMBLY		
1		HHCS, 1/2 -13X2 1/4" GR 8	1	EA
2		LOCK NUT, 1/2" -13	1	EA
3		1/4-28X3/4"	6	EA
4		LOCK WASHER, 1/4"	6	EA
5		GREASE FITTING, 1/8" NPT 90°	1	EA
6	85923	SHAFT,AGITATOR	1	EA
7		HHCS, 1/2 -20X1 1/2" GR 8	2	EA
8		LOCK WASHER, 1/2"	2	EA
9	87356	AGITATOR, PADDLE-B20	1	EA
10	85811	HYD MOTOR, 45.6 CID, 1" SHAFT	1	EA
10A	85809SK	SEAL KIT	1	EA
11	85976	WEAR RING, AGITATOR	1	EA
12		SPRING PIN, 1/4" DIA X 1 3/4"	1	EA
13	70211	FLANGE SEAL S/W	1	EA
14	70212	SEAL REMIXER	1	EA
15	85978	BEARING, BALL, PLAIN	1	EA
16	85979	BEARING, BALL 1 SEAL	1	EA

AGITATOR ASSEMBLY CONTINUED



ID #	PART #	PART DESCRIPTION	QUANTITY	
1		GREASE FITTING, 1/8" NPT STRAIGHT	1	EA
2	70219	REMIX SHAFT BUSHING	1	EA
3	77877	SPACER, REMIX	1	EA
4	86824	FLAT WASHER, 3/4" SAE	1	EA
5	70214	IDLER SHAFT, AGITATOR	1	EA
6	70210	IDLER BEARING HOUSING	1	EA
7	80030	HEX NUT-M20X2.5 PLATED	1	EA

SAFETY GRATE

ID #	PART #	PART DESCRIPTION	QUANTITY	
1	87369	PROXIMITY SENSOR PNP HOPPER GRATE	1	EA
2	801902-006	CLAMP,18MM TUBE CLAMP SET	1	EA
3	87997	COVER WELD PROX SWITCH HOPPER	1	EA

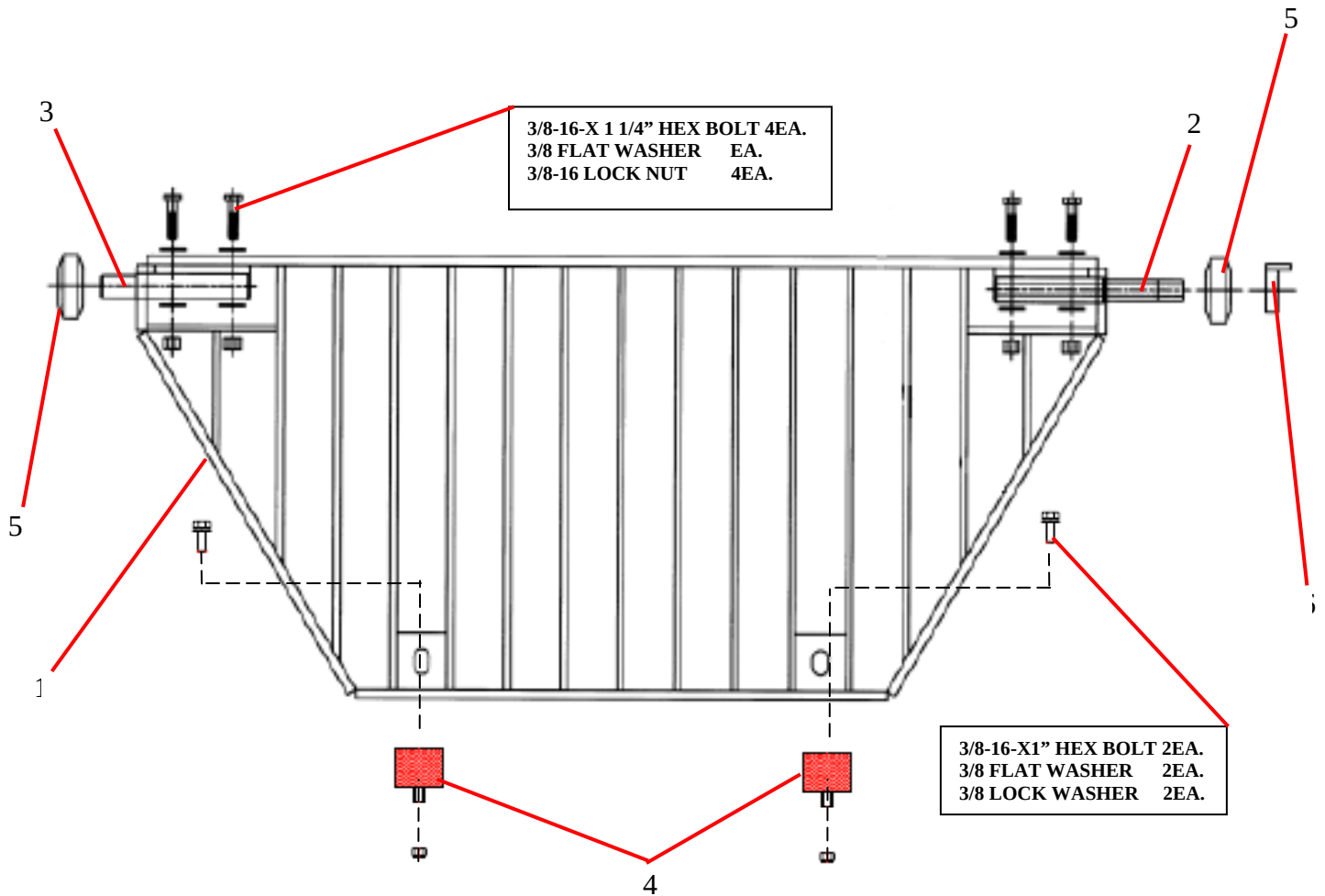


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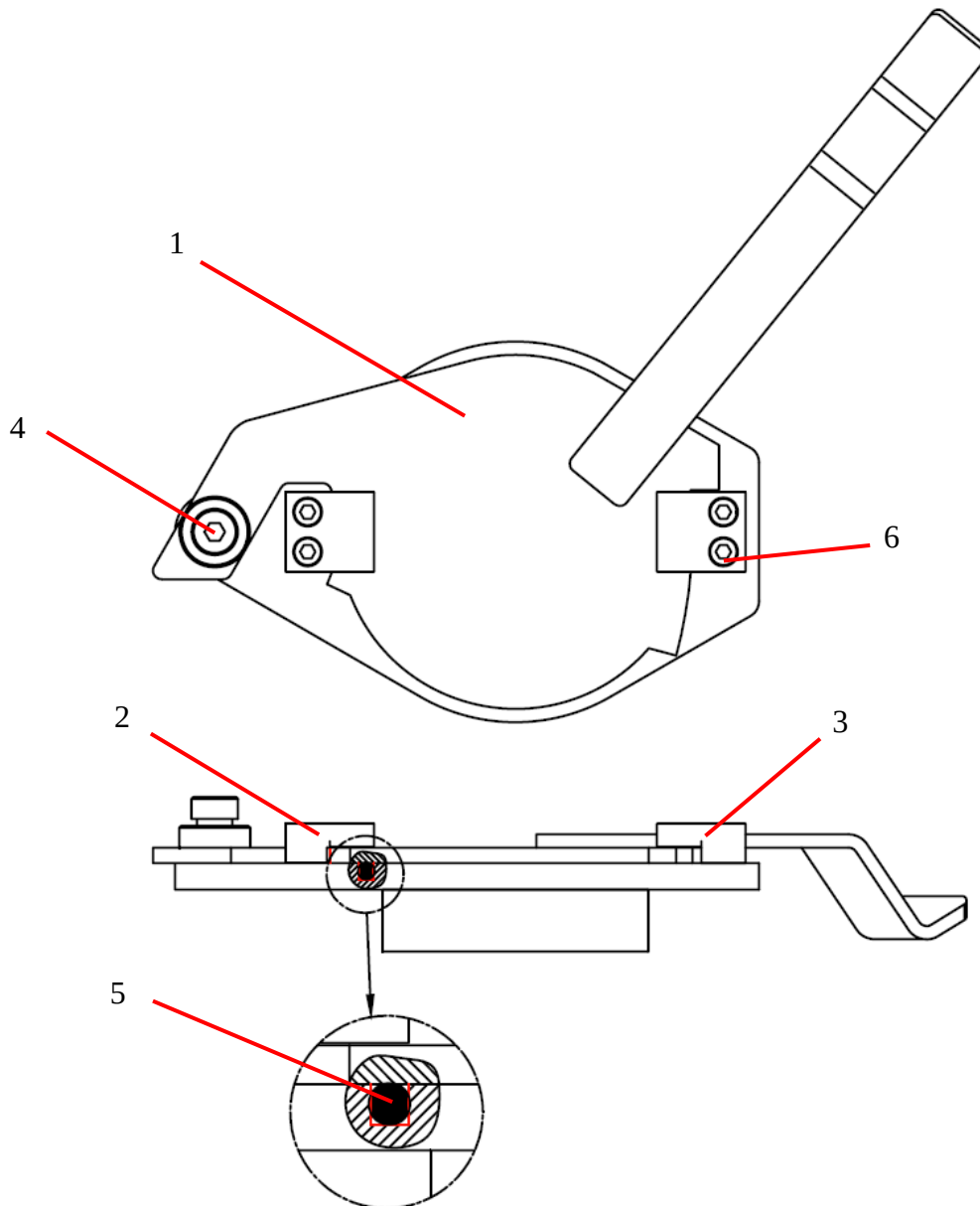
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GRATE ASSEMBLY



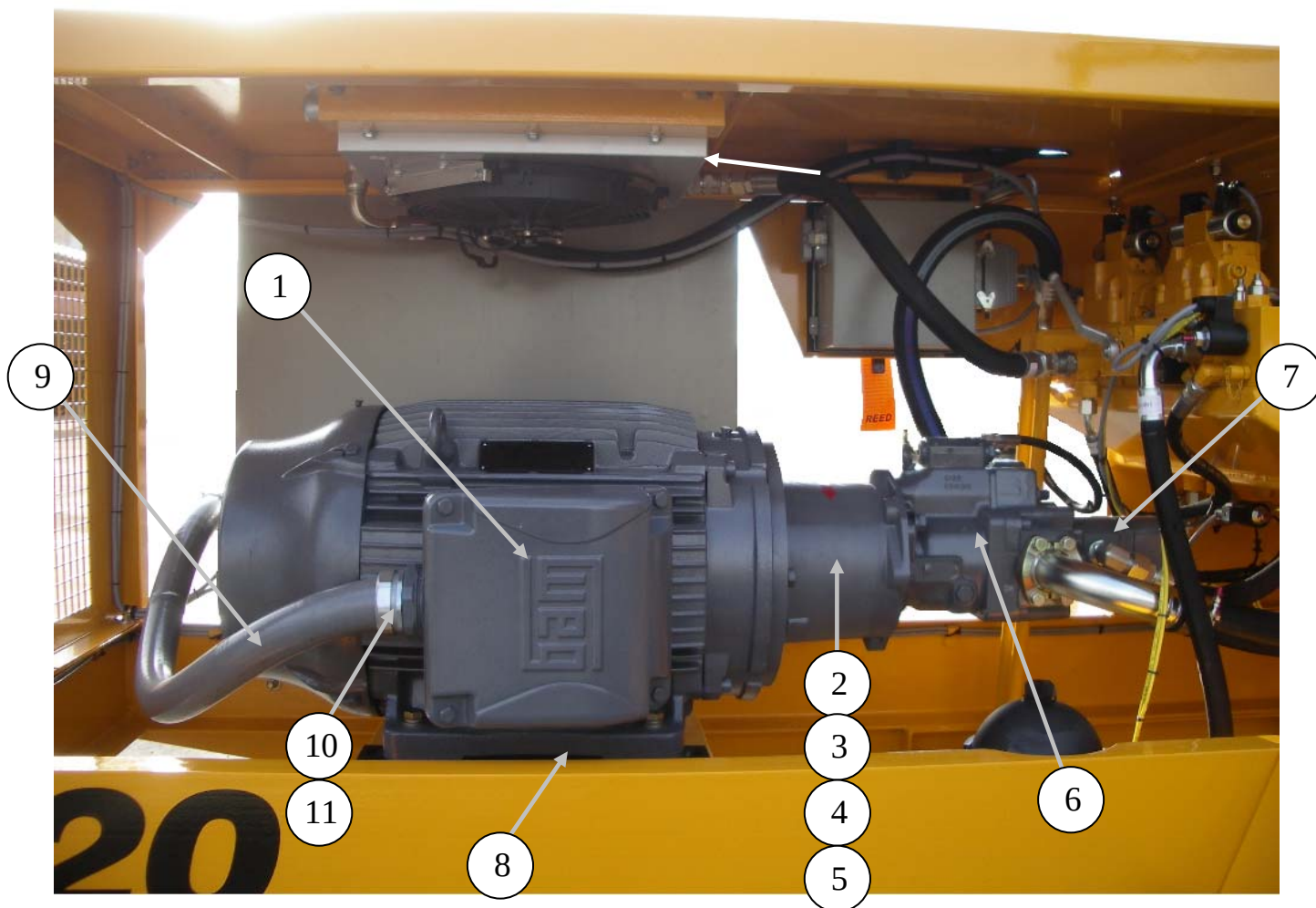
ID #	PART #	PART DESCRIPTION	QUANTITY	
1	87892	GRATE WELDMENT, STD HOPPER	1	EA
2	87857	PIN WELDMENT LONG	1	EA
3	87858	PIN WELDMENT SHORT	1	EA
4	86083	BUMPER, HOPPER GRATE	2	EA
5	W-102490	RUBBER BUFFER 65X22.5X26	2	EA
6	87769	COLLAR SHAFT, 7/8" DIA	1	EA

CLEAN OUT DOOR ASSEMBLY

ID #	PART #	PART DESCRIPTION	QUANTITY	
1	86988	DOOR WELDMENT, CLEAN OUT	1	EA
2	86559	BLOCK, CLEAN OUT DOOR, LH	1	EA
3	86560	BLOCK, CLEAN OUT DOOR, RH	1	EA
4	86922	SHOULDER SCREW 1" DIA-1 1/4"	1	EA
5	W102908A	O-RING CORD, HOPPER DOOR	2.21	FT
6		SHCS 1/2"-13 X 1 1/4"	4	EA

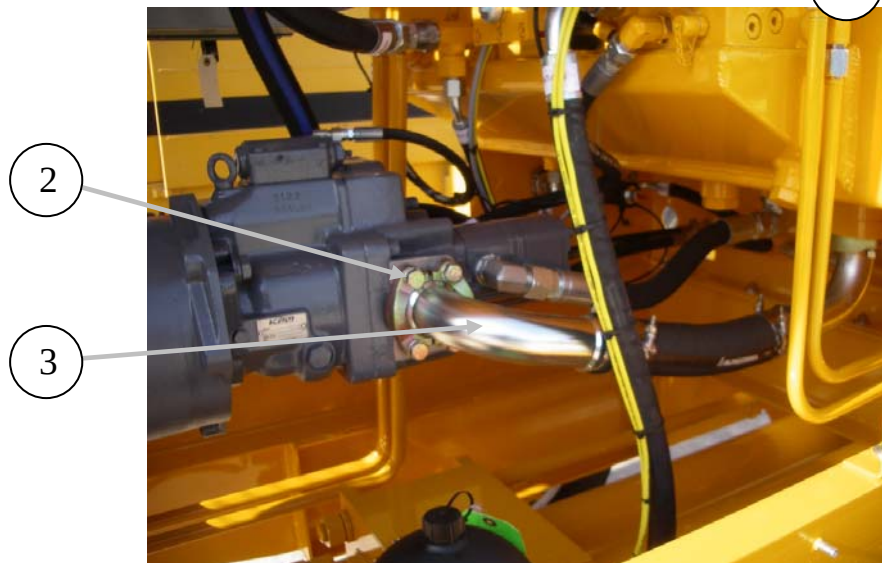
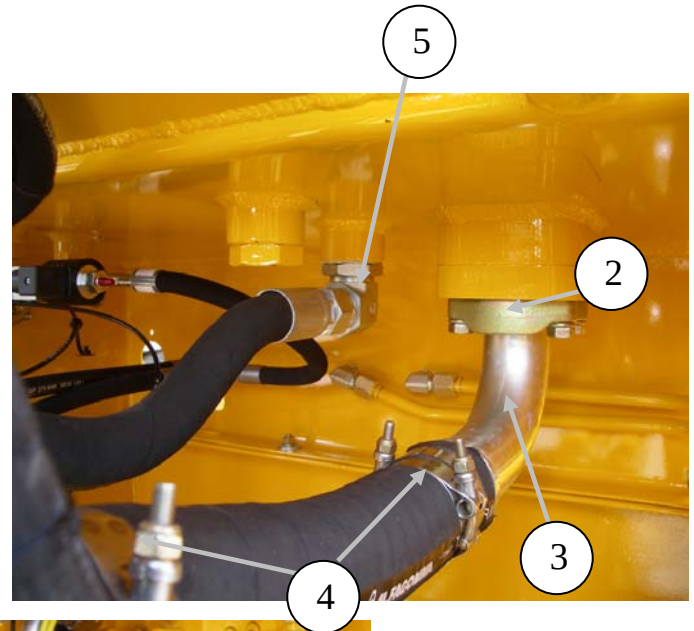
POWER TRAIN

ELECTRIC MOTOR, HYDRAULIC PUMP



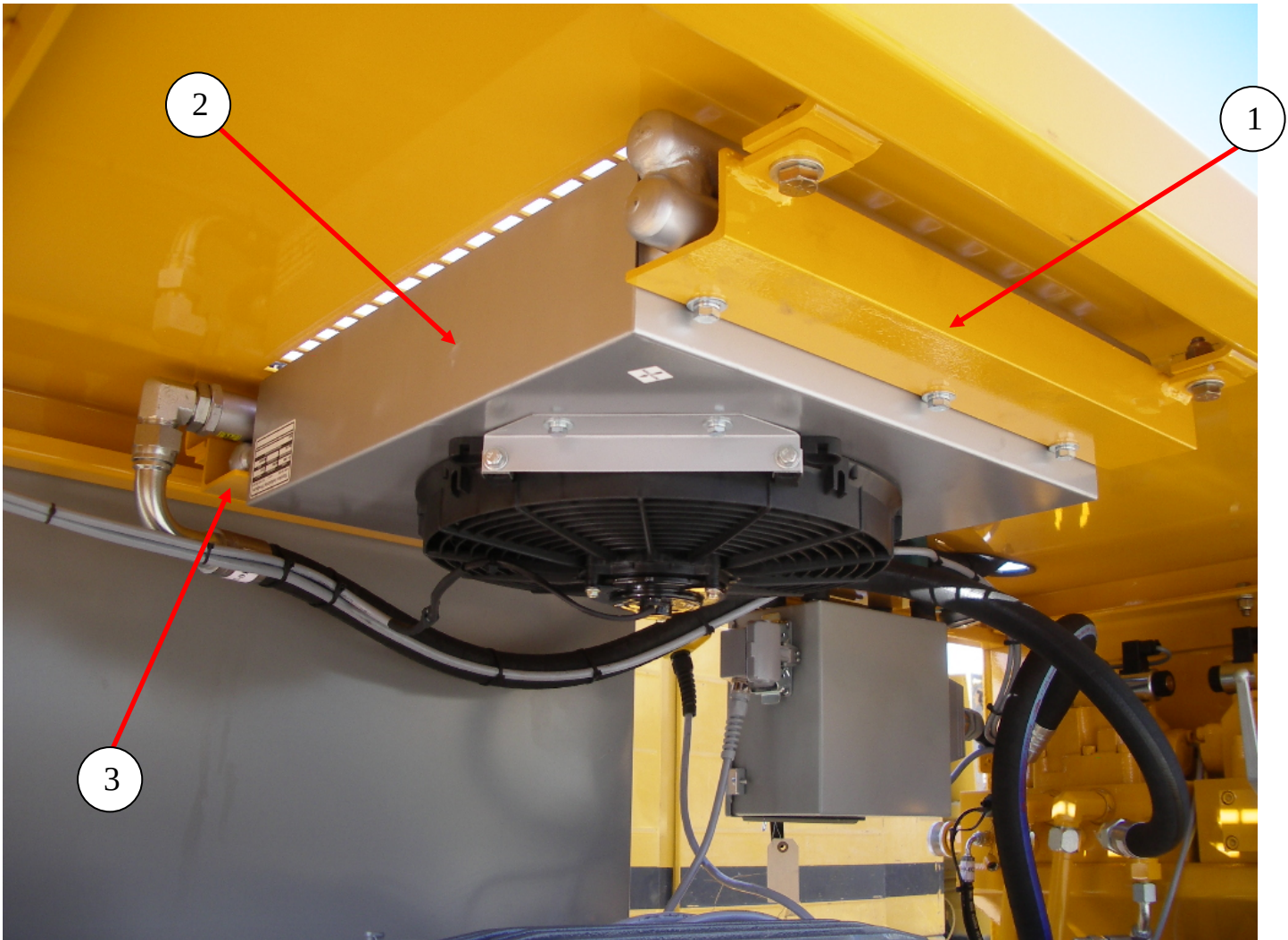
ID #	PART #	PART DESCRIPTION	QUANTITY	
	88436	POWER TRAIN ASSY B20A		
1	87867-1	MOTOR 75 HP/220-380 /60HZ/3PH	1	EA
2	72266	PUMP ADAPTER	1	EA
3	72446	COUPLING, 2 3/8 BORE	1	EA
4	87040	COUPLING HALF, PUMP SHAFT	1	EA
5	87041	INSERT FOR 87039 & 87040 COUPLING (USE86002)	1	EA
6	79560-K	PUMP, KAWASAKI, K3VL80, 62HP	1	EA
7	87153-001	PUMP-RH-DBLE GEAR, 11.3/8.2 CC BOSCH	1	EA
8	87390	MOTOR MOUNT, FRAME 365T	1	EA
9	86518-1	CONDUIT -2" LIQUID TITE	6	FT
10		2" - 3" REDUCER NPT	1	EA
11	86520-1	INSULATED BUSHING 2 "	1	EA

FITTINGS



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	87154	SOLENOID VALVE, 2P-2W, NO, 12V, DIN	1	EA
2	86264-006	SPLIT FLANGE-CODE 61- 32 SAE	2	EA
3	86911-008	STEM, 2" 90 DEG, 32C4-32FL90	2	EA
4	74310	CLAMP - T-BOLT – 2.50 DIA	4	EA
	87410	HOSE KIT B20 ELECTRIC	1	EA

HYDRAULIC OIL COOLER



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	79433	HYD. OIL COOLER-ELECTRIC 12 VDC	1	EA
2	79496	BKT. -WELD. NON-OP SIDE B20	1	EA
3	79497	BKT.-WELD. OP SIDE B20	1	EA

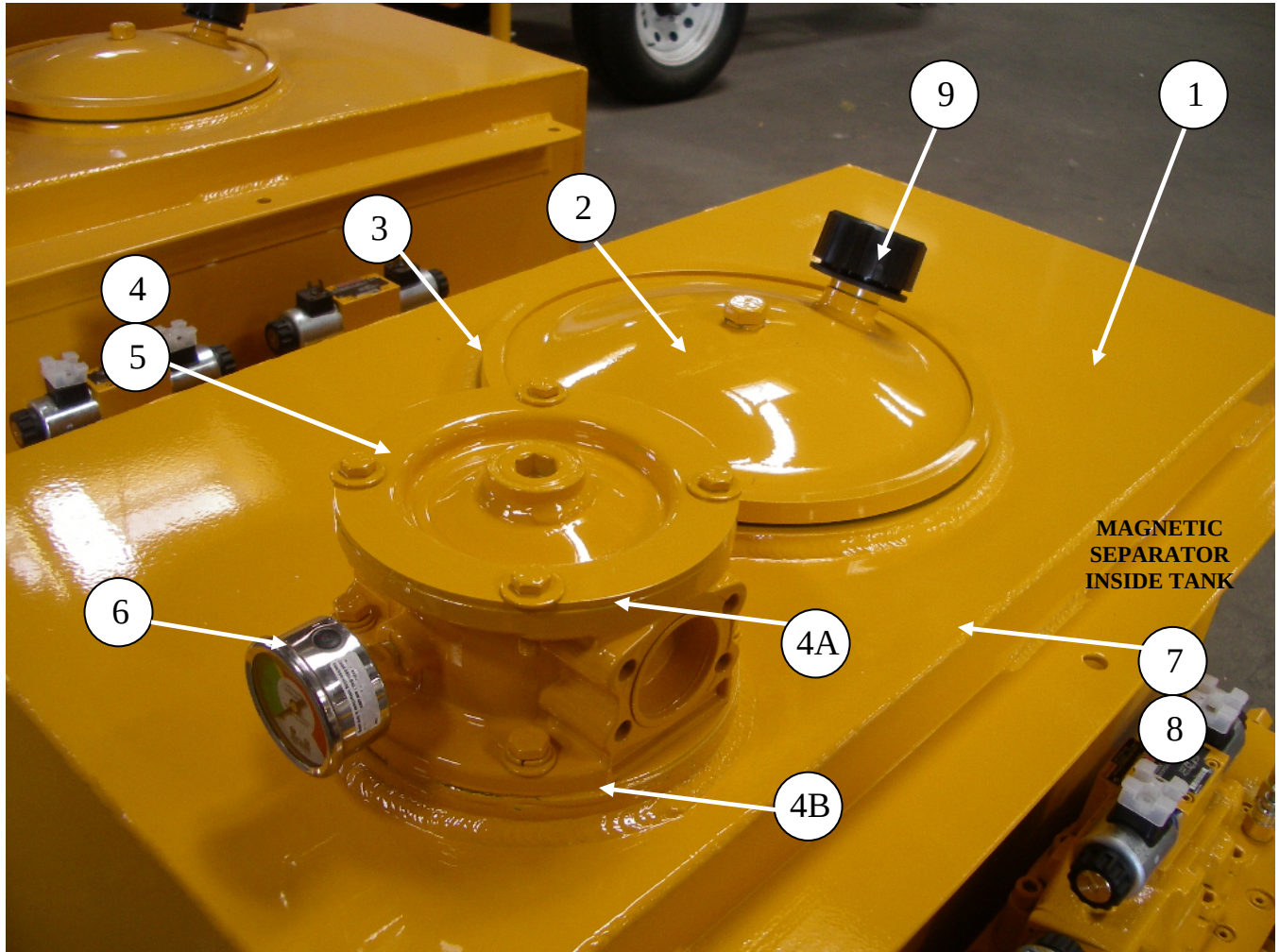


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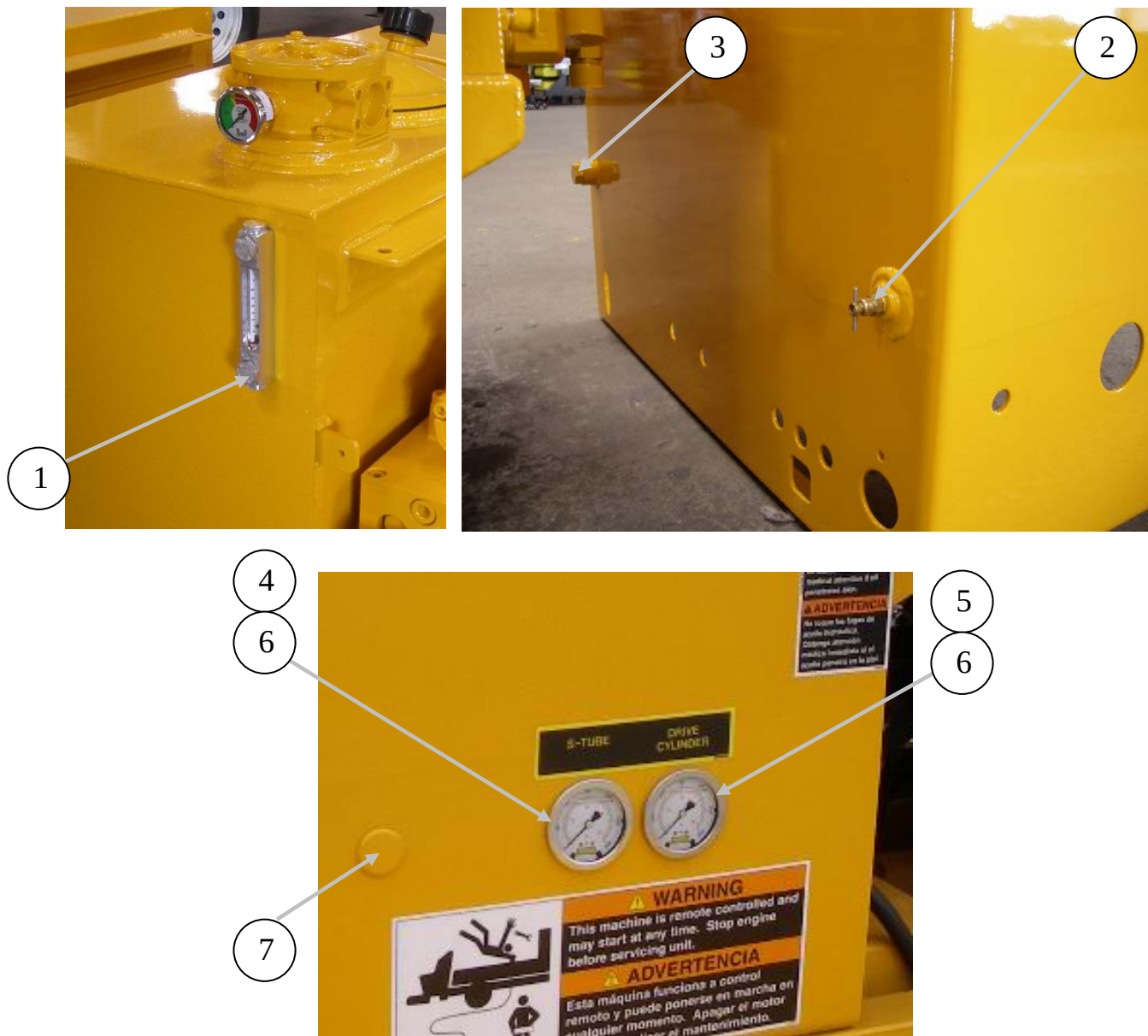
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HYDRAULIC TANK ASSEMBLY



ID #	PART #	PART DESCRIPTION	QUANTITY	
	85361	HYD TANK ASSY B-SERIES	1	EA
1	85102	HYDRAULIC TANK WELDMENT, B-SERIES	1	EA
2	85529	ENDCOVER KIT, 12 IN W/DRAIN	1	EA
3	85867	GASKET- END COVER 12"	1	EA
4	85282	FILTER, RETURN, TANK MOUNTED	1	EA
4A	BW10241	SEAL KIT FOR 85282 FILTER RETURN	1	EA
4B	85282-G	GASKET-CORK	1	EA
5	85283	FILTER ELEMENT, PN 85282 FILTER	1	EA
6	85575	GAUGE, PN 85282 RETURN FILTER	1	EA
7	79247	MAGNETIC SEPERATOR 1 ¼ " NPT	1	EA
8	800230	MAGNETIC SEPARATOR,3"NPT	1	EA
9	85537	FILLER BREATHER, 3/4 NPT	1	EA

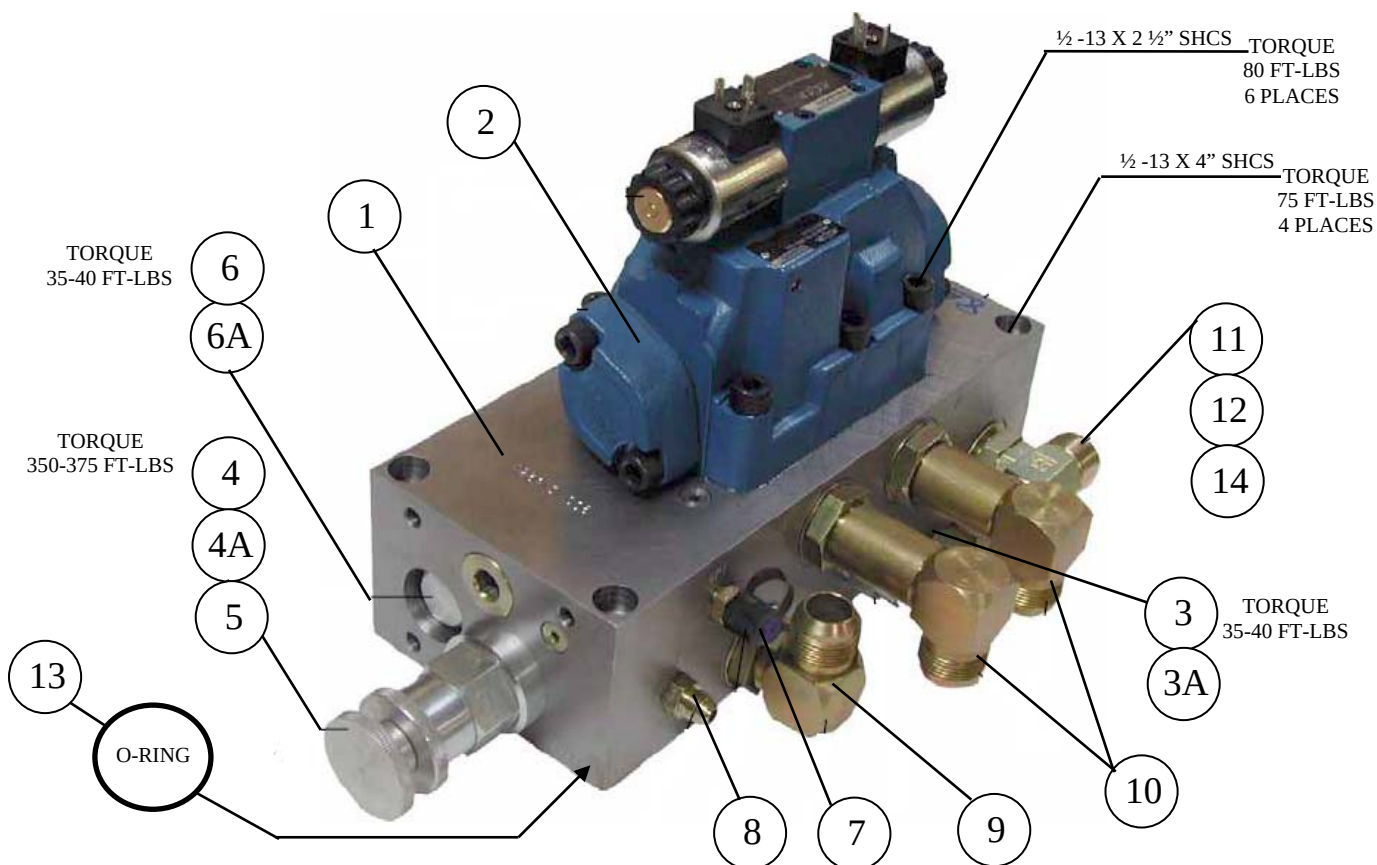
HYDRAULIC TANK ASSEMBLY CONTINUED



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	74509	GAUGE-SIGHT/TEMPERATURE	1	EA
2	801025	DRAIN COCK, 1/4 NPT	1	EA
3	BG-12	3/4" SAE PLUG	1	EA
4	70366	PRESSURE GAUGE, 3000 PSI/BAR	1	EA
5	74562	PRESSURE GAUGE, 6000 PSI/BAR	1	EA
6	78594	MINICHECK GAUGE ADAPTOR, 1/4 NPT	2	EA
7		HOFFMAN PLUG	1	A/R

MANIFOLDS

DRIVE CYLINDER CIRCUIT MANIFOLD ASSEMBLY



ID #	PART #	PART DESCRIPTION	QUANTITY	
	85248	MANIFOLD, CYLINDER CIRCUIT ASSEMBLY	1	EA
1	86820	MANIFOLD, MACHINED CYLINDER CIRCUIT	1	EA
2	85689	SOLENOID VALVE, DRIVE CYLINDER	1	EA
3	85696	RELIEF VALVE CARTRIDGE	1	EA
3A	85696-SK	SEAL KIT		
4	85697	FLOW CONTROL CARTRIDGE	1	EA
4A	85697-SK	SEAL KIT		
5	86947	KNOB KIT, ALUMINUM	1	EA
6	85698	CHECK VALVE CARTRIDGE	1	EA
6A	85698-SK	SEAL KIT		
7	78593	MINICHECK ADAPTOR, SAE 4	1	EA
8	86900-002	ADAPTOR, MB-MJ-4-6	1	EA
9	86728-023	ELBOW, MB-MJ45-16-16	1	EA
10	86904-012	ELBOW, MB-MJ90LL-16-16	2	EA
11	86945-001	TEE, MJ-MB-MJT-16	1	EA
12	86905-016	ELBOW, MJ-FJX90-16-16	1	EA
13	86946	O-RING #230 BUNA 90DUR	1	EA
14	86948-001	REDUCER, JIC MJ-FJ-10-16	1	EA

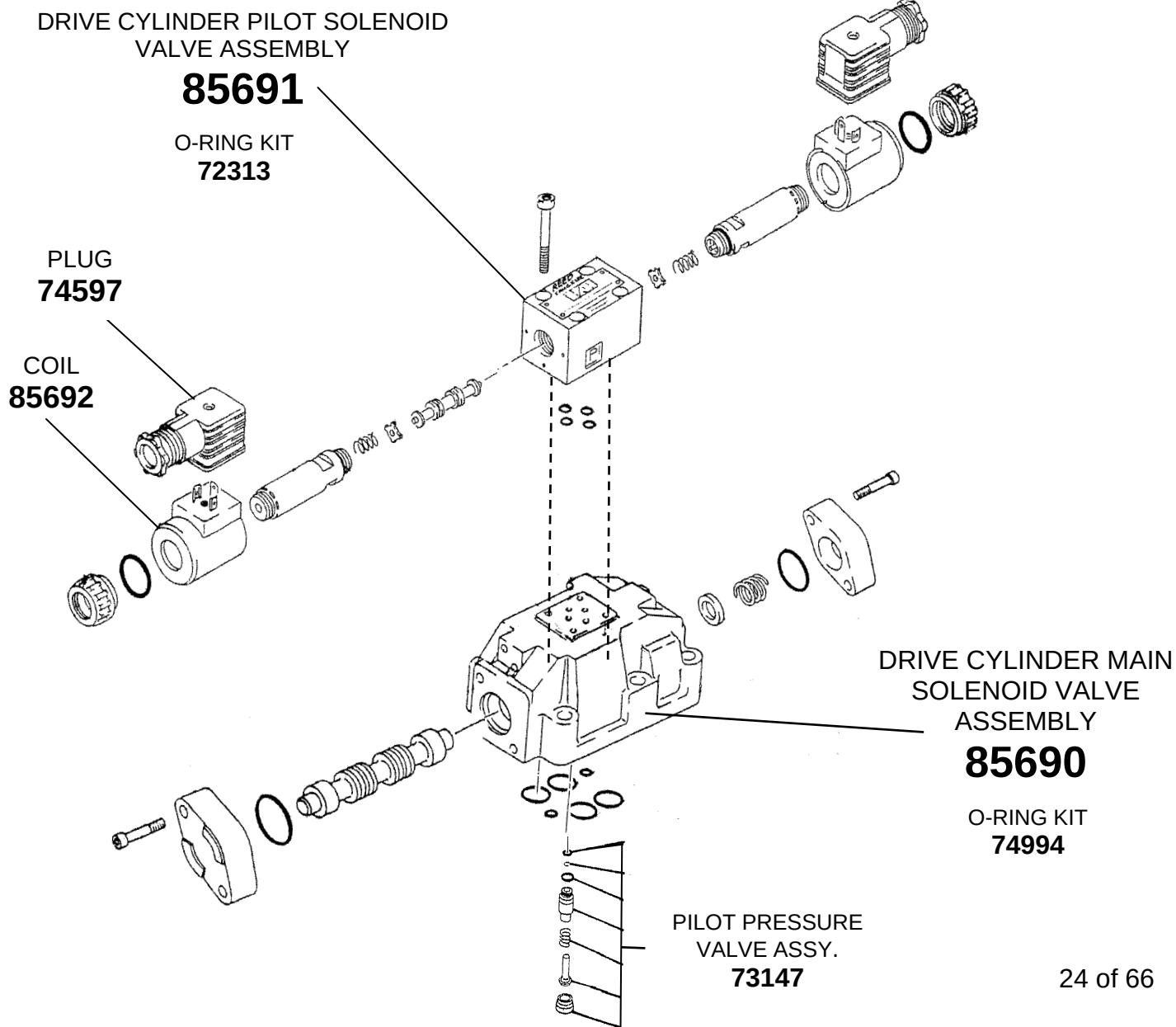
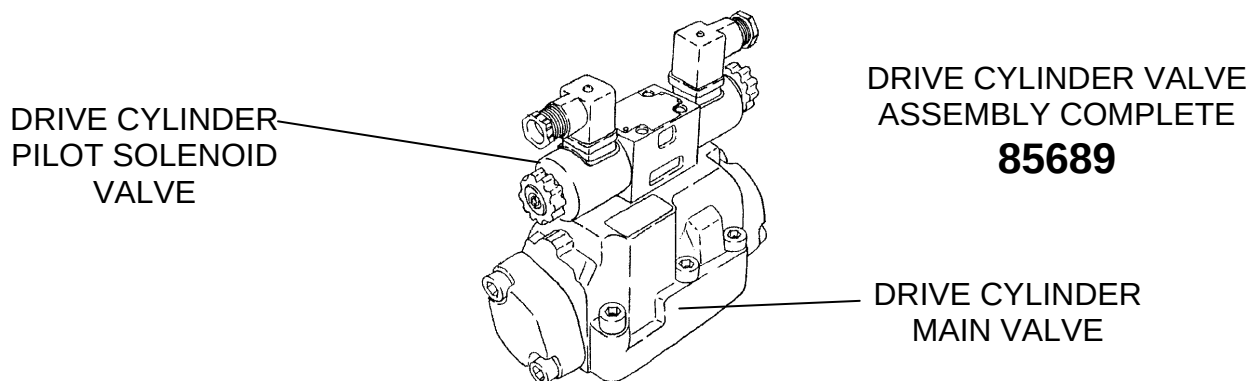


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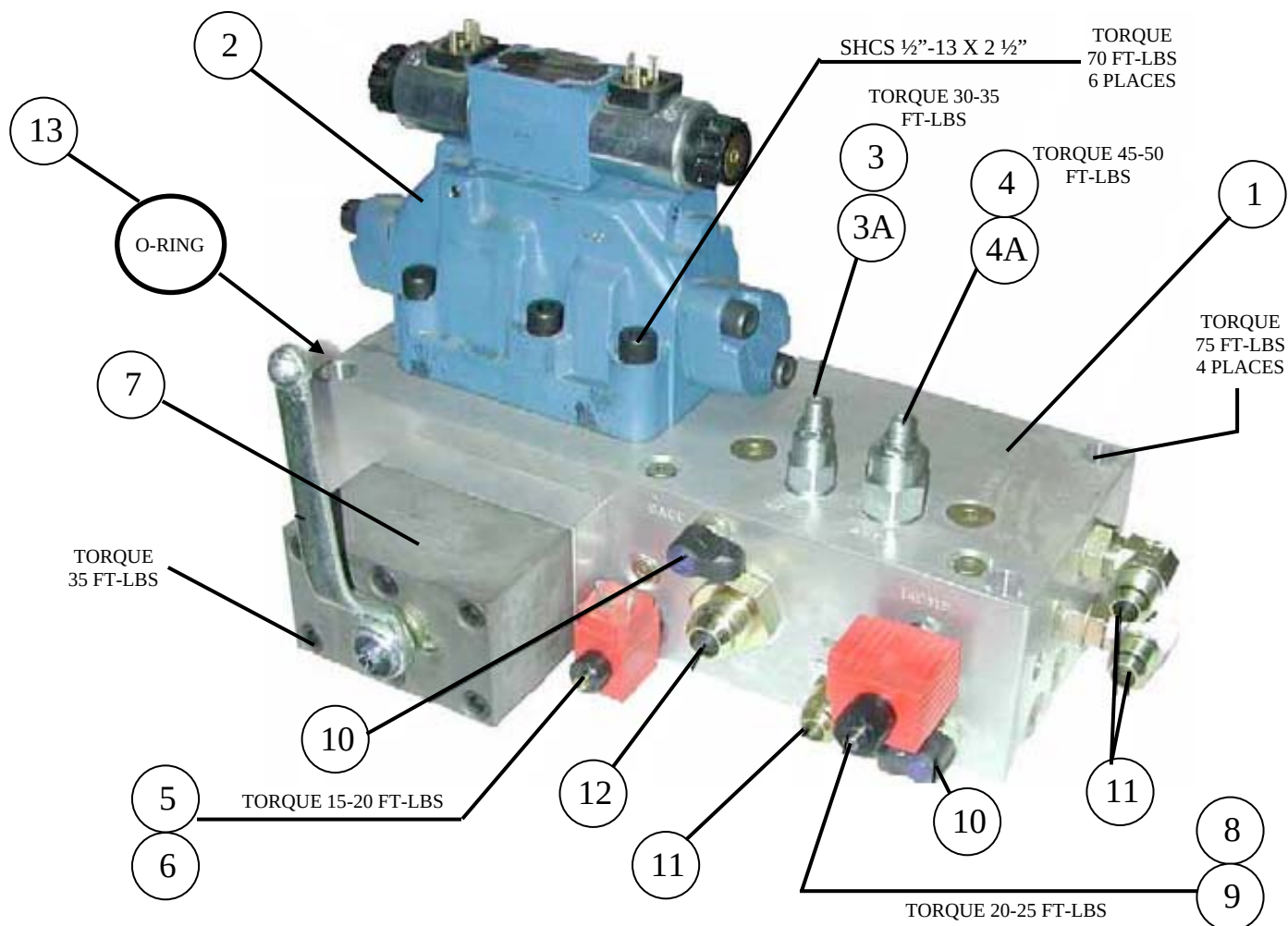
PARTS

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DRIVE CYLINDER SOLENIOD VALVE ASSEMBLY



S-TUBE CIRCUIT MANIFOLD ASSEMBLY



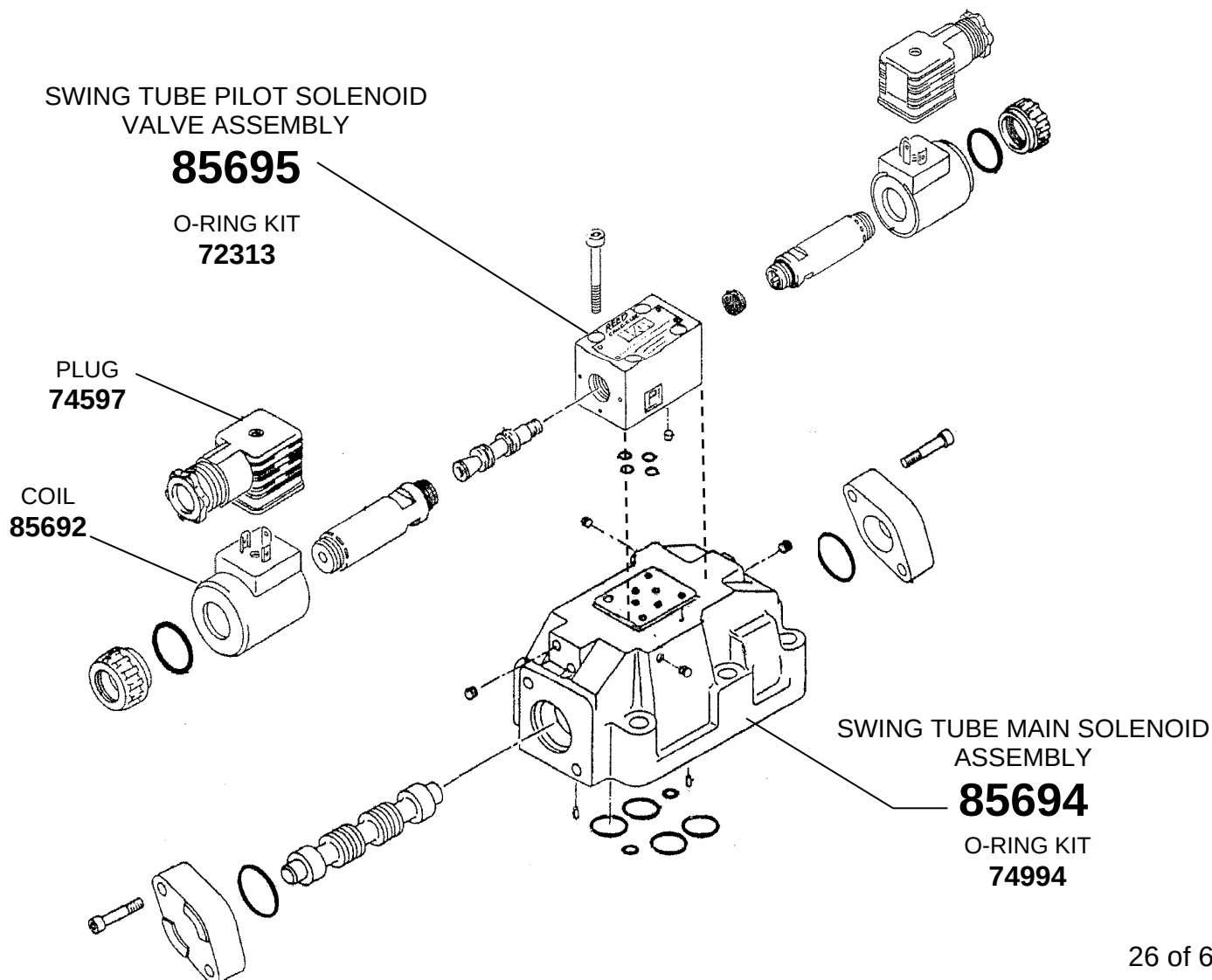
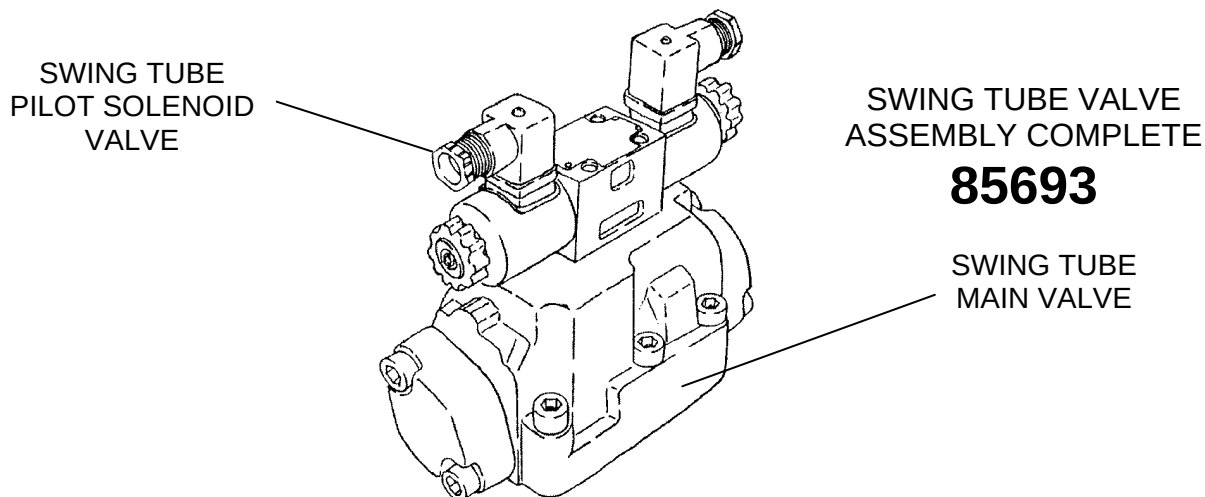
ID #	PART #	PART DESCRIPTION	QUANTITY	
	85249	MANIFOLD, SWING TUBE CIRCUIT ASSEMBLY		
1	86821	MANIFOLD, MACHINED S-TUBE CIRCUIT	1	EA
2	85693	SOLENOID VALVE, S-TUBE SHIFT	1	EA
3	85704	UNLOADER VALVE CARTRIDGE, (QCDB)	1	EA
3A	85704-SK	SEAL KIT		
4	85703	RELIEF VALVE CARTRIDGE, (RVEA)	1	EA
4A	85703-SK	SEAL KIT		
5	87246	SOLENOID VALVE CARTRIDGE, (12CHS)	1	EA
6	87247	COIL, 12VDC,	1	EA
7	85705	BALL VALVE,	1	EA
8	87248	SOLENOID VALVE CARTRIDGE, (14CHS)	1	EA
9	87249	COIL, 12V DC FOR PN-87248	1	EA
10	78593	MINICHECK ADAPTOR, SAE	2	EA
11	86728-014	ELBOW, MB-MJ90-10-10	2	EA
12	86900-027	ADAPTOR, MB-MJ-16-12	1	EA
13	86946	O-RING #230 BUNA 90DUR	1	EA



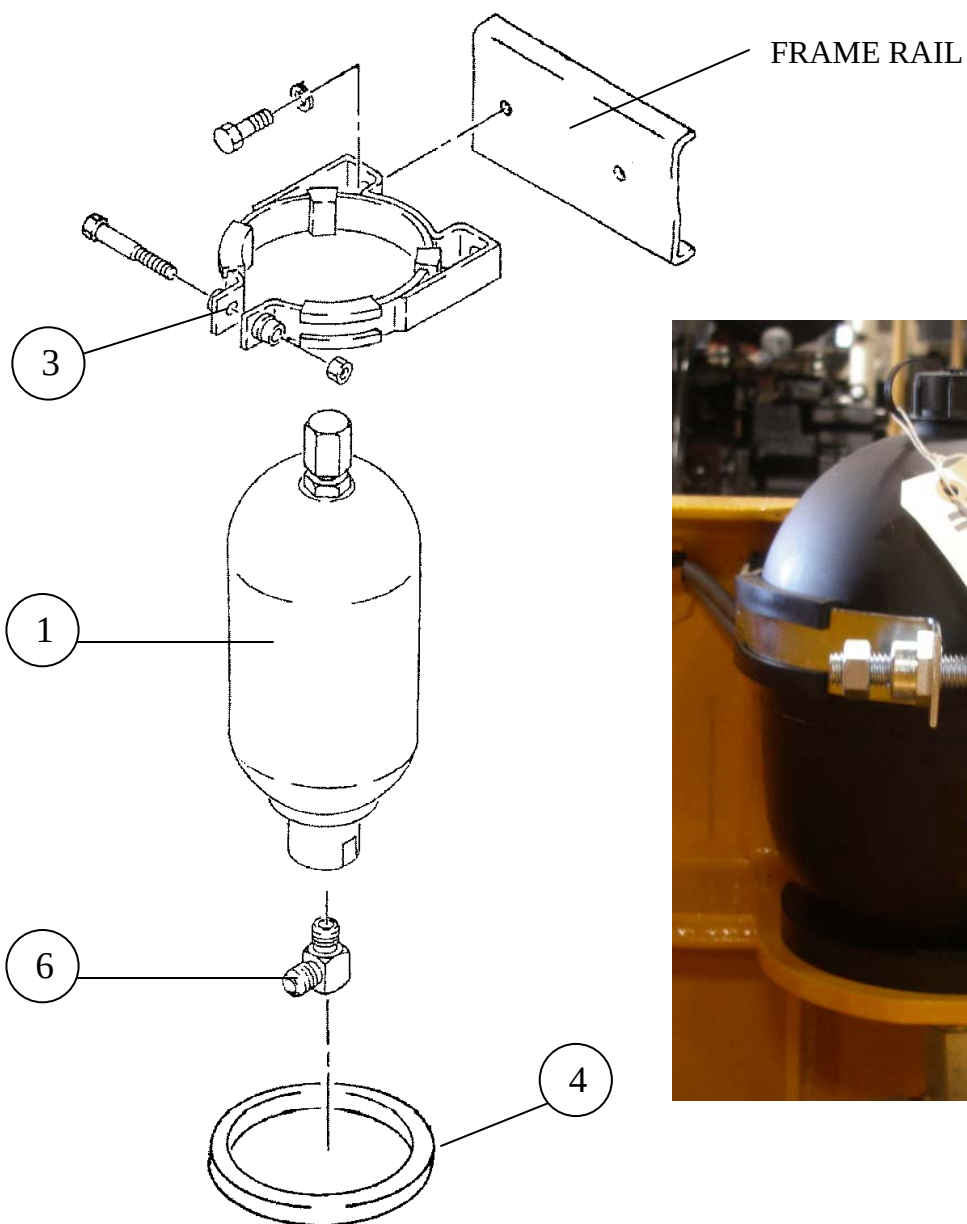
B20A-E-V09 PARTS

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S-TUBE CIRCUIT SOLENOID VALVE ASSEMBLY



ACCUMULATOR ASSEMBLY



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	71360	ACCUMULATOR-3/4 GAL	1	EA
2	73171	ACCUMULATOR BKT.W/CLOSING HARDWARE	1	EA
3	801028	GROMMET, ACCUMULATOR	1	EA
4	86904-009	ELBOW, MB-MJ90LL-12-12	1	EA



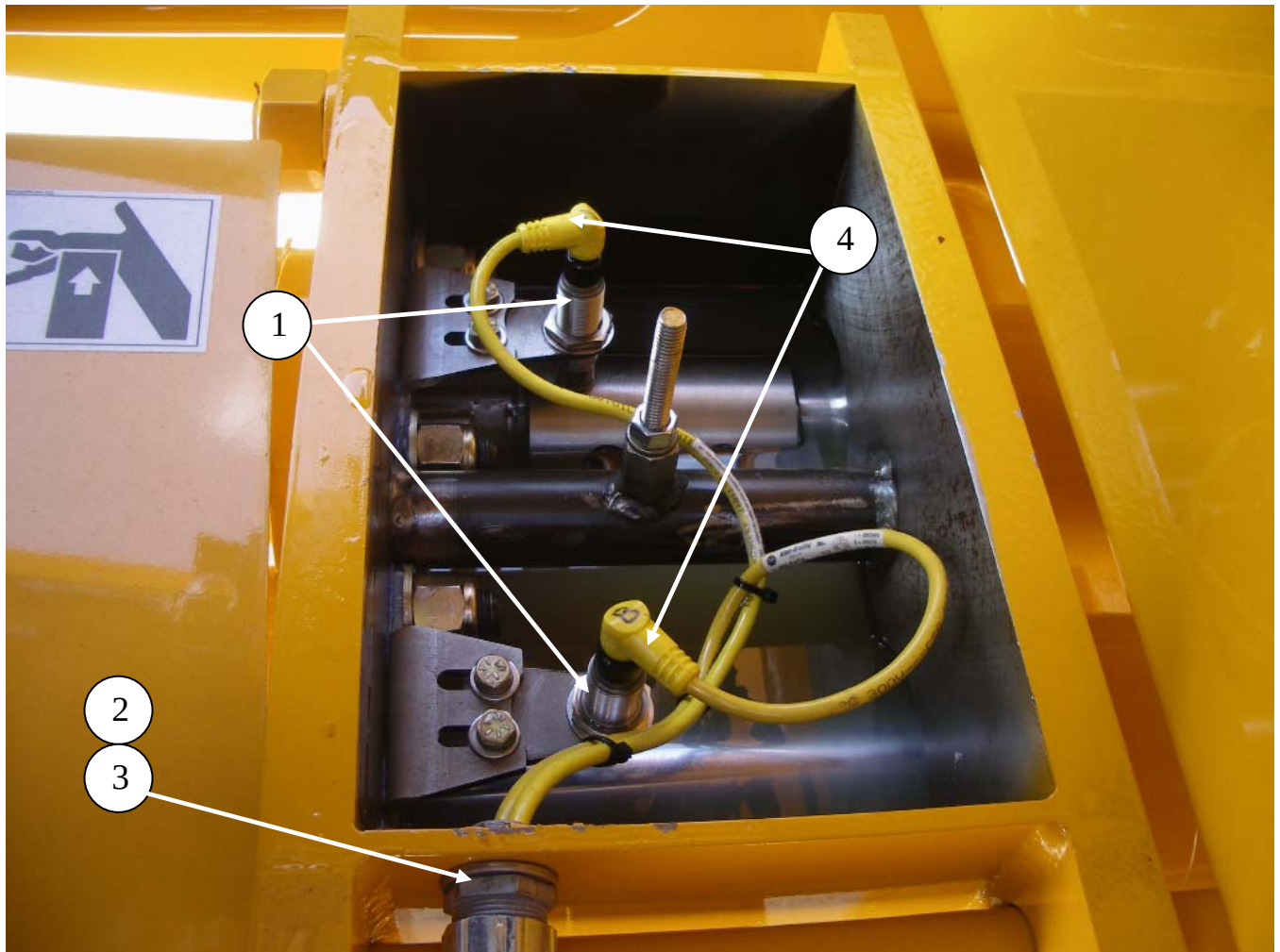
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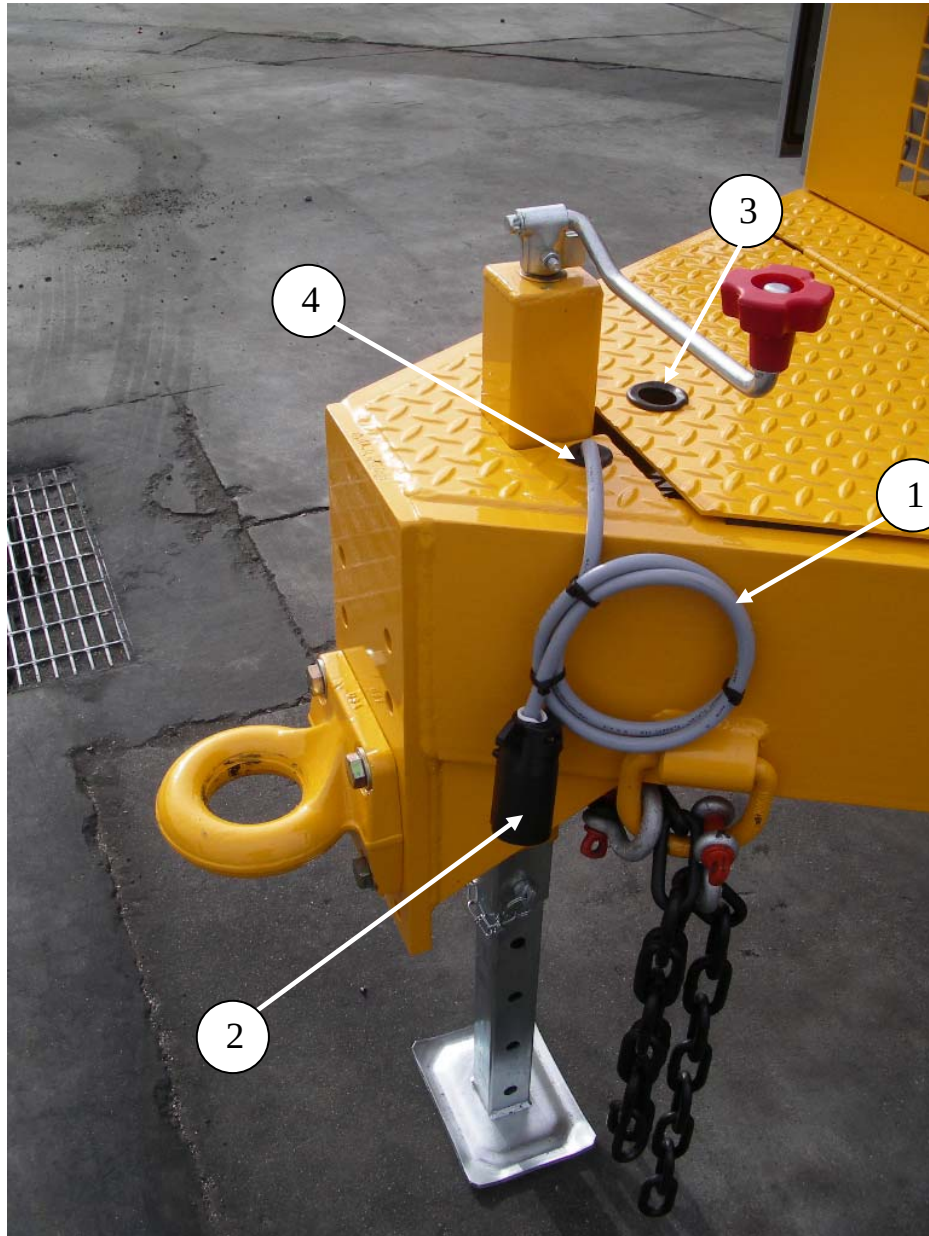
ELECTRICAL

PROXIMITY SWITCHES



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	77998	PROXIMITY SENSOR NPN FLUSH BOX MOUT	2	EA
2	10522	STRAIN RELIEF	1	EA
3	10528	NUT-1/2" BONDING TYPE LOCK	1	EA
4	77990	CABLE, PROXIMITY SWITCH, 5M	2	EA

TRAILER HARNESS



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	87403	TRAILER HARNESS- B-SERIES ELECTRIC	1	EA
2	86579	TRAILER PLUG 7C FLAT PI	1	EA
3	72949	GROMMET	1	EA
4	72813	GROMMET	1	EA

TAIL LIGHTS



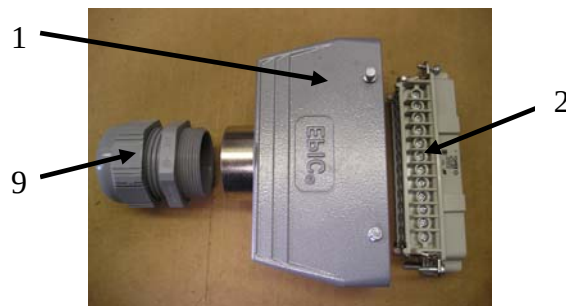
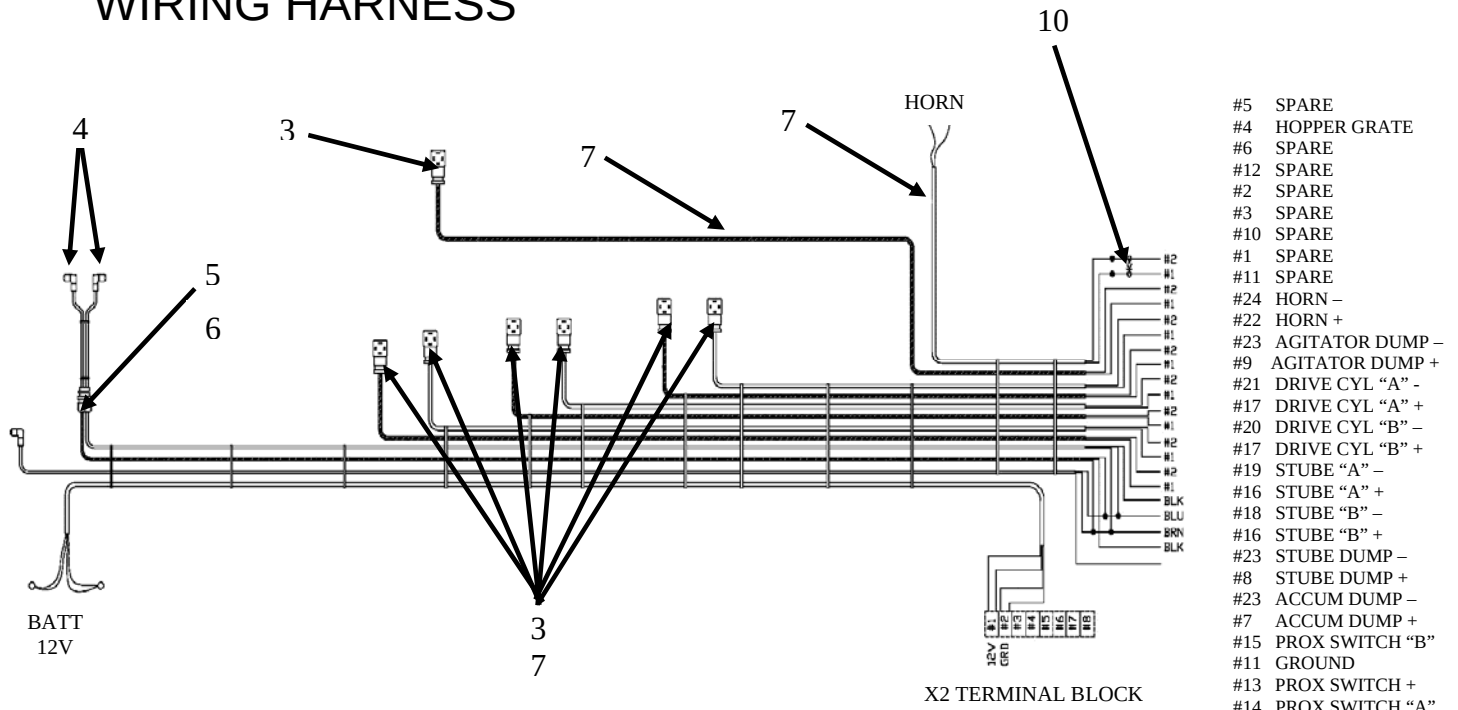
ID #	PART #	PART DESCRIPTION	QUANTITY	
1	72948	TAIL LIGHT	2	EA
2	87665	LOOM CLAMP 7/8"	2	EA
3	72949	GROMMET	2	EA



B20A-E-V09 PARTS

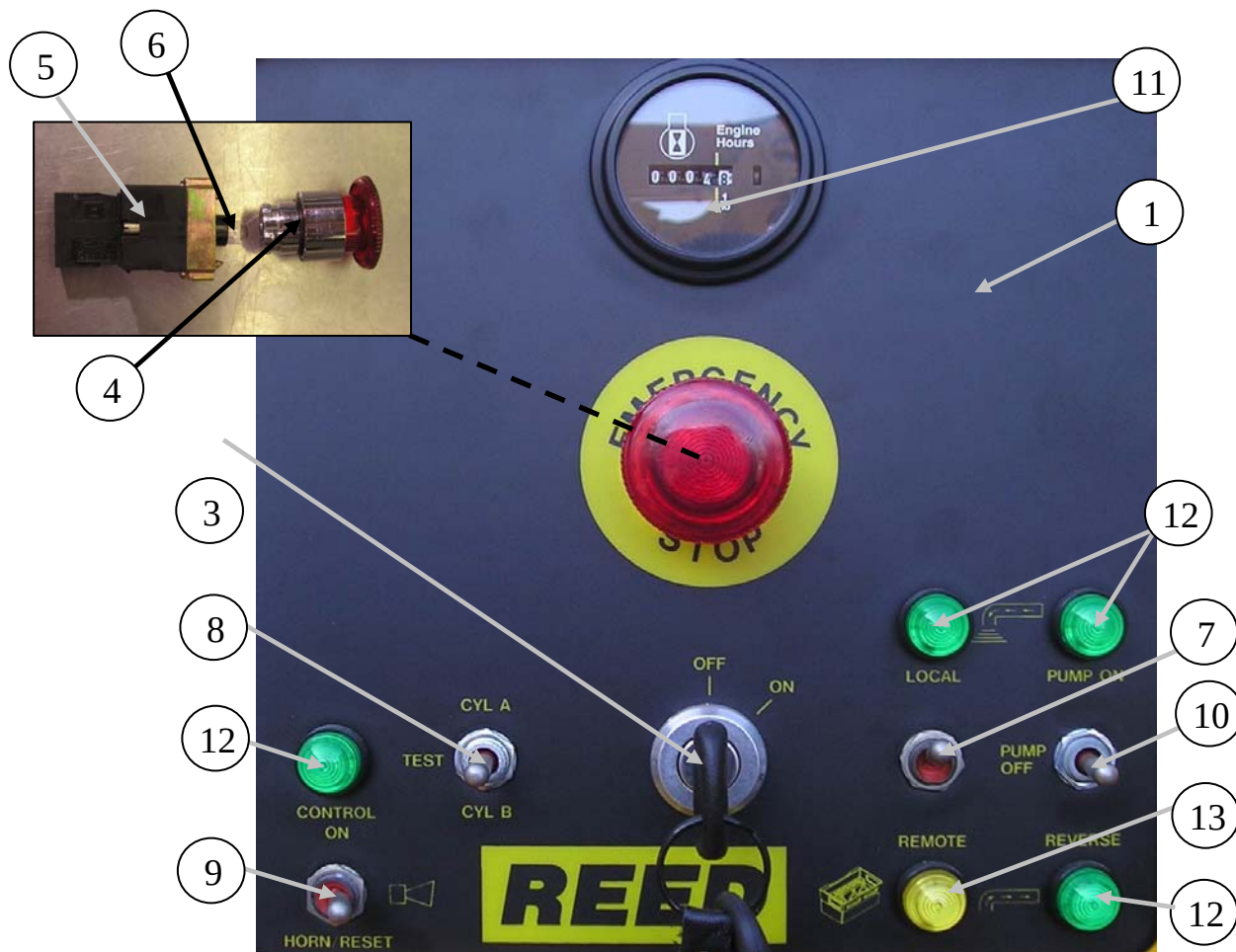
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WIRING HARNESS



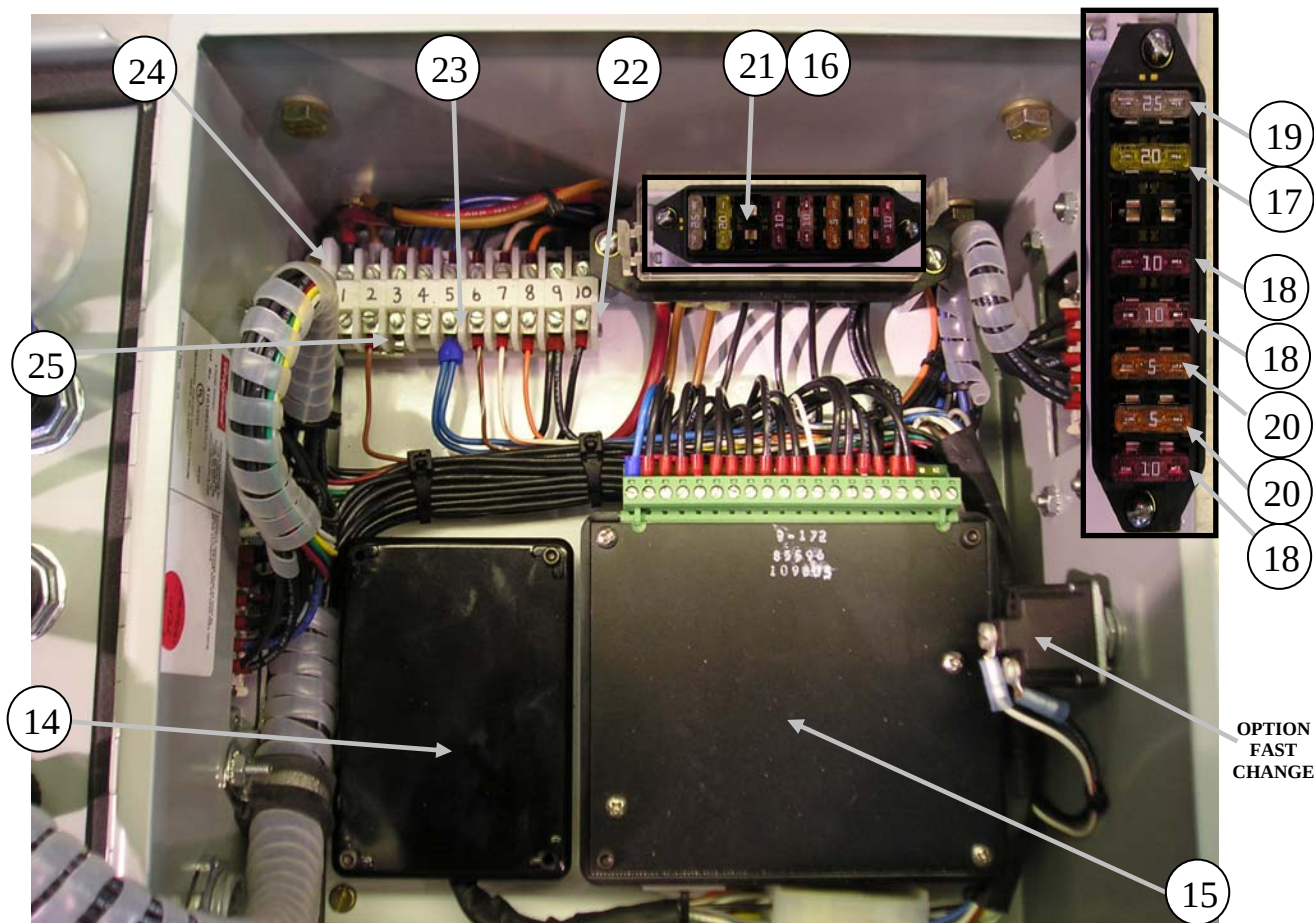
ID #	PART #	PART DESCRIPTION	QUANTITY	
	87986	WIRING HARNESS, B10E-SHEA	1	EA
1	800424	CONN. HOOD-PIN,24P,PG29 TOP	1	EA
2	78695	CONN.INSERT, 24P, MALE, 16A	1	EA
3	74597	PLUG, VALVE COIL	7	EA
4	77990	CABLE, PROXIMITY SWITCH, 5M	2	EA
5	10522	STRAIN RELIEF	1	EA
6	10528	NUT-1/2" BONDING TYPE LOCK	1	EA
7	85618	CABLE,16AWG-2C, PVC-GRY	26.417	FT
8	85617	CABLE, 14AWG-4C, PVC-GRY	18	FT
9	801479	CORD GRIP, PG-29	1	EA
10	77640	DIODE, IN4003	1	EA

CONTROLS **CONTROL BOX**



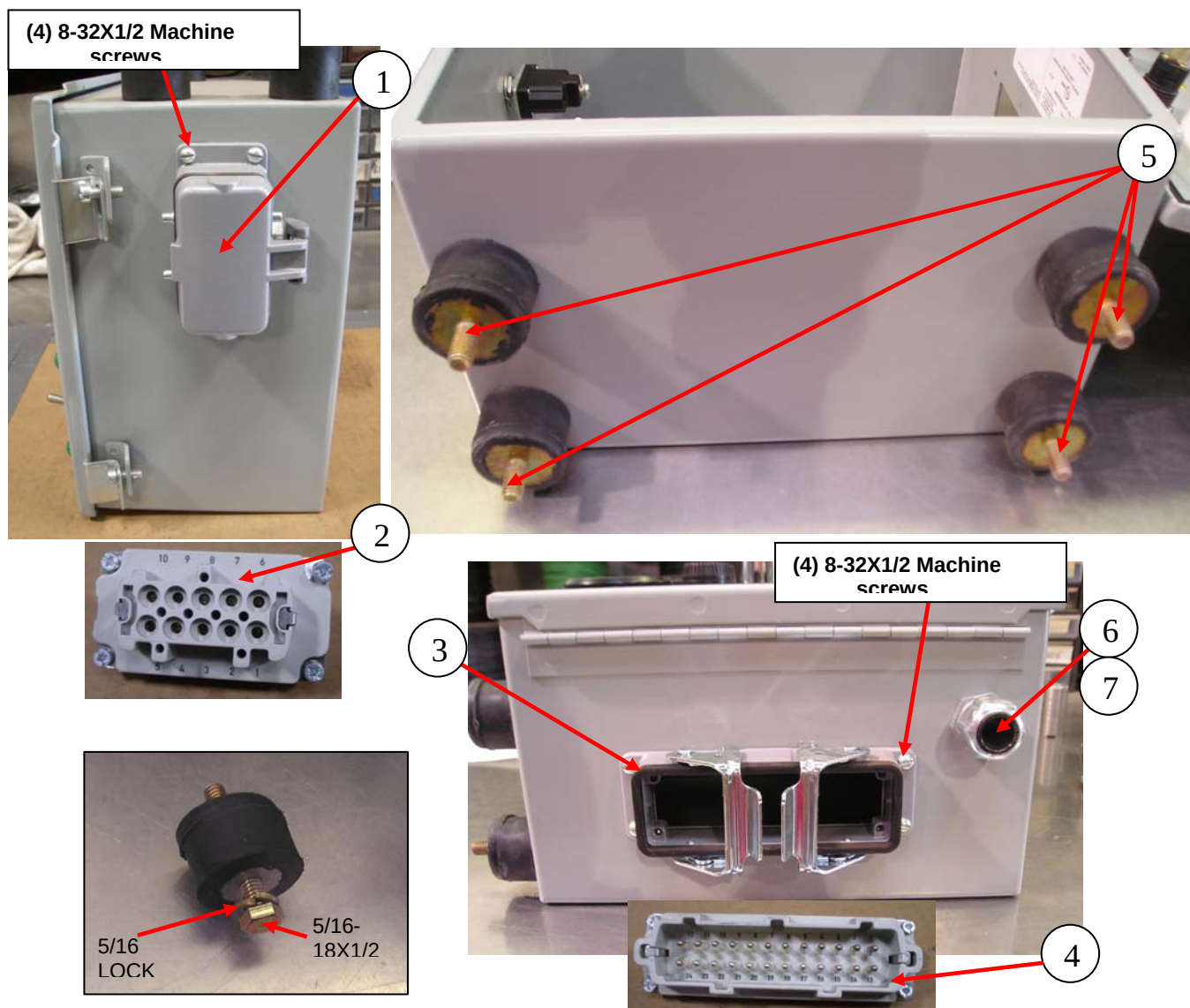
ID #	PART #	PART DESCRIPTION	QUANTITY	
	87984	CONTROL BOX ASSY, B SER ELEC W/HOPPER	1	EA
	86020	CONTROL BOX, (MACHINED)	1	EA
1	86021	DECAL, CONTROL BOX B-10E-SHEA	1	EA
2	71155	IGNITION ,KEY (ONLY)	2	EA
3	71154	IGNITION SWITCH - DEUTZ	1	EA
4	85342	OPERATOR, E-STOP, LIGHTED	1	EA
5	85343	CONTACT BLOCK, LIGHTED,	1	EA
6	85344	BULB, E-STOP, 12VDC	1	EA
7	78563	SWITCH, TOGGLE, ON/OFF/ON, 12 TERM	1	EA
8	85346	SWITCH, TOGGLE, MOM/ON/MOM, 6 TERM	1	EA
9	85347	SWITCH, TOGGLE, OFF/MOM, 2 TERM	1	EA
10	72003	SWITCH, TOGGLE, ON/OFF/ON, 6 TERM	1	EA
11	74240	METER-ENGINE HOURS	1	EA
12	85355	LIGHT, PILOT, GREEN	4	EA
13	85356	LIGHT, PILOT, YELLOW	1	EA

BLACK BOXES, FUSES



ID #	PART #	PART DESCRIPTION	QUANTITY	
14	85334	BLACK BOX, PUMP CONTROL, 9-165	1	EA
15	85596	BLACK BOX, E-STOP LOGIC, 9-172	1	EA
16	85354	FUSE BLOCK, 8 WAY	1	EA
17	800448	FUSE, 20A ATO	1	EA
18	800449	FUSE, 10A ATO	3	EA
19	800447	FUSE, 25A ATO	3	EA
20	90392	FUSE, 5 ATO	2	EA
21	85419	STAND OFF, 8-32 X 1 ½"	2	EA
22	72821	ALLEN BRADLEY RAIL	.333	FT
23	72820	ALLEN BRADLEY TERMINALS	8	EA
24	75654	END BARRIER	1	EA
25	72824	ALLEN BRADLY JUMPER	2	EA

CONNECTORS



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	79965	CONN. BASE-PIN, 10P	1	EA
2	79963	CONN, INSERT, 10P FEM, 16A	1	EA
3	78697	CONN, BASE-LATCH, 24P	1	EA
4	78696	CONN, INSERT, 24P FEM, 16A	1	EA
5	73748	BUMPER	4	EA
6	10523	STRAIN RELIEF	1	EA
7	10528	NUT- 1/2" BONDING TYPE LOCK	1	EA

MAIN ELECTRICAL PANEL

75HP 220V SOFT START PANEL BOX



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	88044-1	ENCLOSURE 36-36-12" NEMA-4	1	EA
2	88107	HANDLE FOR 88070 CIRCUIT BREAKER	1	EA
3	88060	PUSHBUTTON GREEN	1	EA
4	88061	PUSHBUTTON RED	1	EA
5	88062	CONTACT BLOCK N.O FOR 88060/88061	1	EA
6	88063	CONTACT BLOCK N.C. FOR 88060/88061	1	EA
7	88064	LEGEND PLATE STOP	1	EA
8	88065	LEGEND PLATE START	1	EA
9	88148	LED INDICATING LIGHT, (GREEN)	1	EA
10	88148-1	LABLE PLATE (RUN)	1	EA
11	88149	LED INDICATING LIGHT, (RED)	1	EA
12	88149-1	LABLE PLATE (OUT OF PHASE)	1	EA



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PARTS

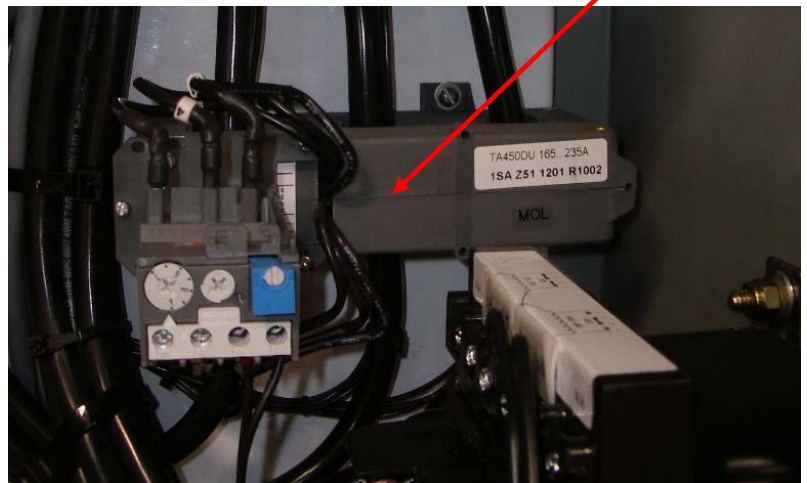
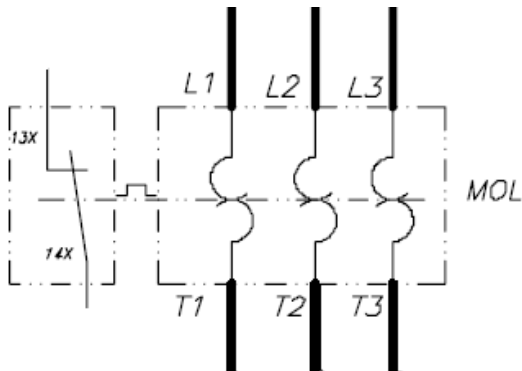
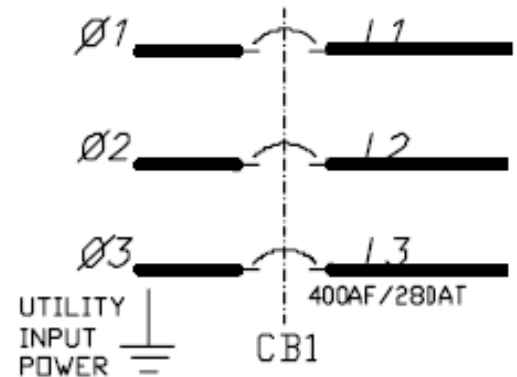
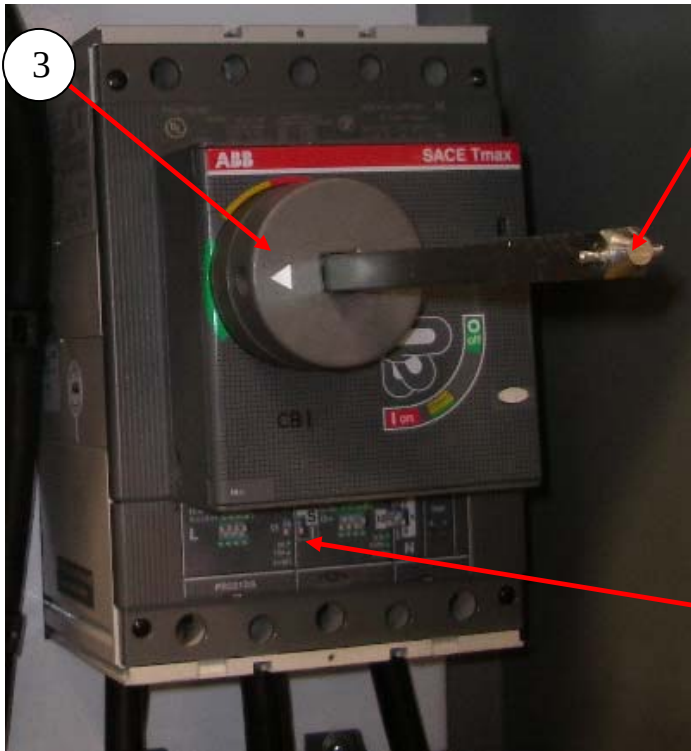
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SOFT STARTER



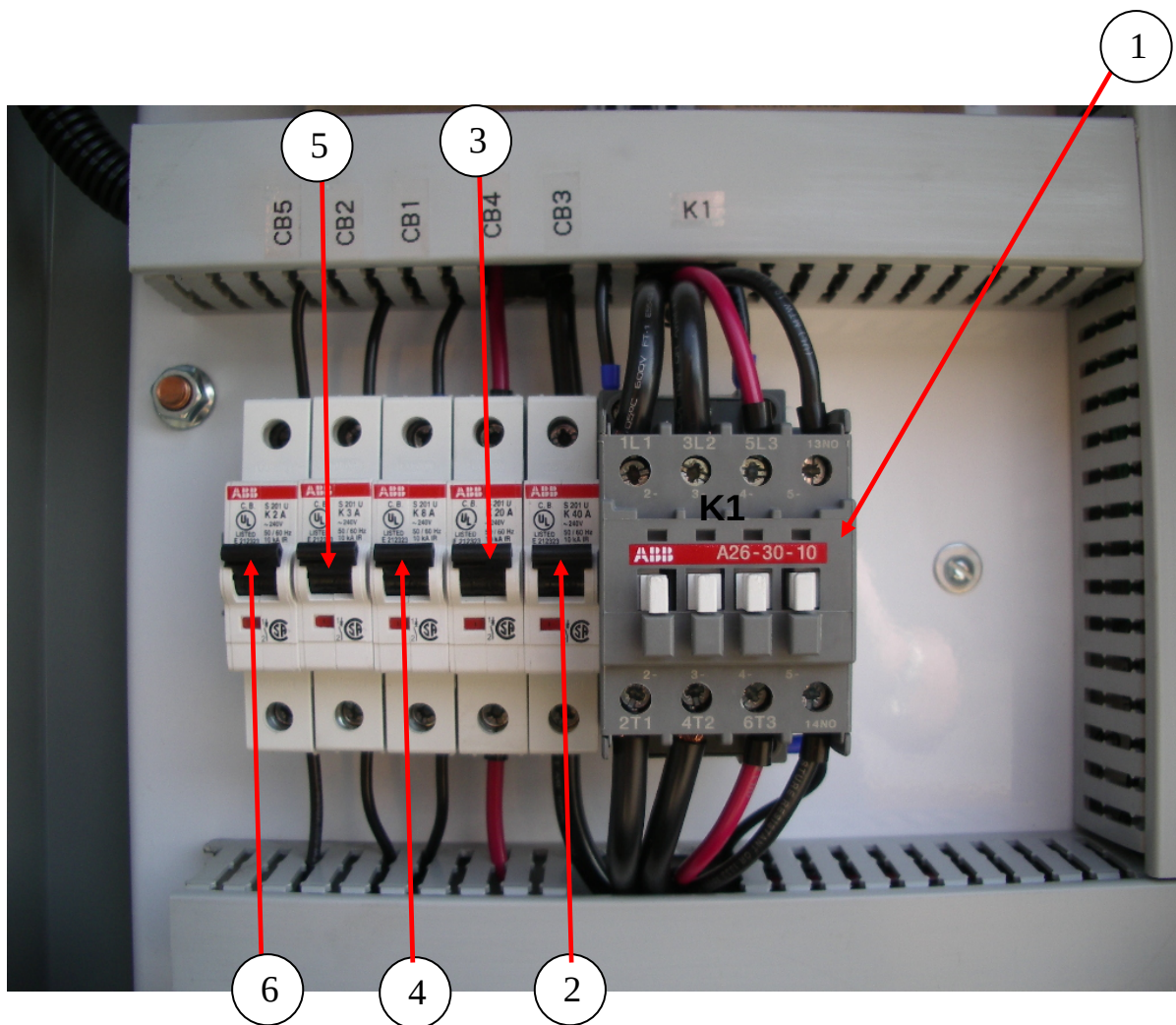
ID #	PART #	PART DESCRIPTION	QUANTITY	
1	88437	SOFT START 75HP 220V	1	EA

MAIN CIRCUIT BREAKER, MOTOR OVERLOAD



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	88070	CIRCUIT BREAKER 400 AMP 3 POLE LS/IU (CB1)	1	EA
2	88438	LUG KIT FOR 88070 BREAKER	2	EA
3	88108	MECHANISM FOR 88070 CIRCUIT BREAKER	1	EA
4	88109	SHAFT FOR 88107 HANDLE	1	EA
5	88074	OVERLOAD RELAY THERMAL, 165-235 AMP (MOL)	1	EA
6	88440	TERMINAL COVER FOR 88070 CIRCUIT BREAKER	1	EA

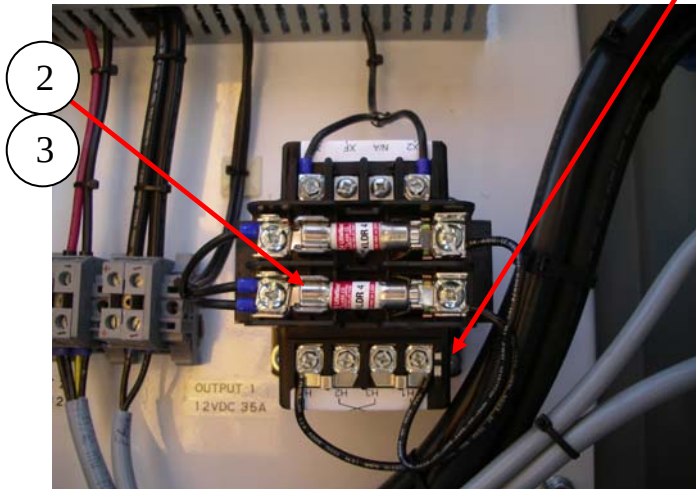
CIRCUIT BREAKERS



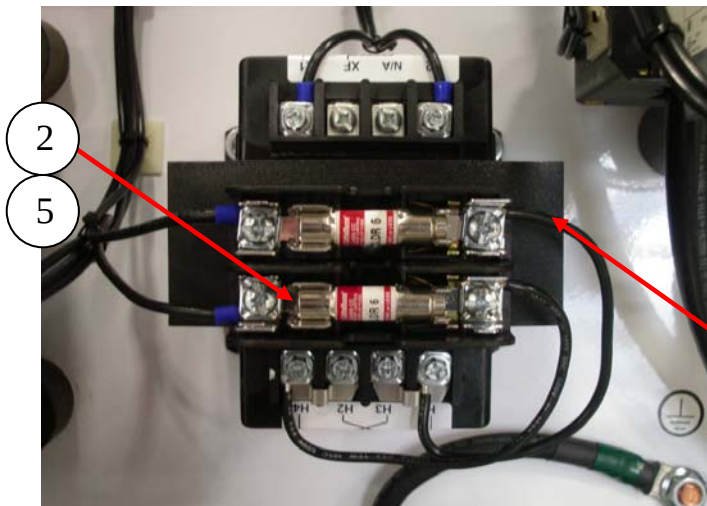
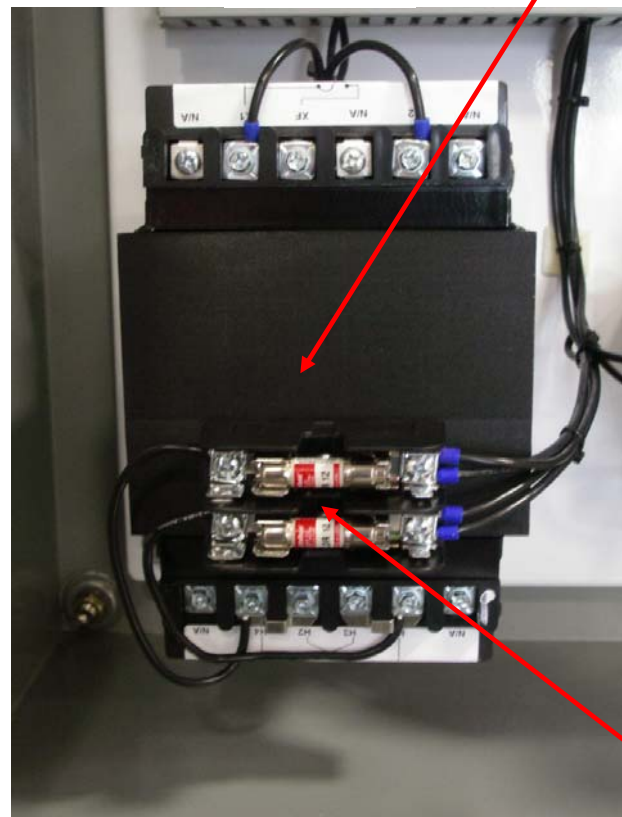
ID #	PART #	PART DESCRIPTION	QUANTITY	
1	88067	CONTACTOR-CONTROL, 3 POL N/O 120V 28 AMP (K4)	1	EA
2	88058-1	CIRCUIT BREAKER, 40 AMP (CB3)	1	EA
3	88058	CIRCUIT BREAKER, 20 AMP (CB4)	1	EA
4	88176	CIRCUIT BREAKER, 8 AMP (CB1)	1	EA
5	88086	CIRCUIT BREAKER, 3 AMP (CB2)	1	EA
6	88055	CIRCUIT BREAKER, 2 AMP (CB5)	1	EA

TRANSFORMERS

150VA



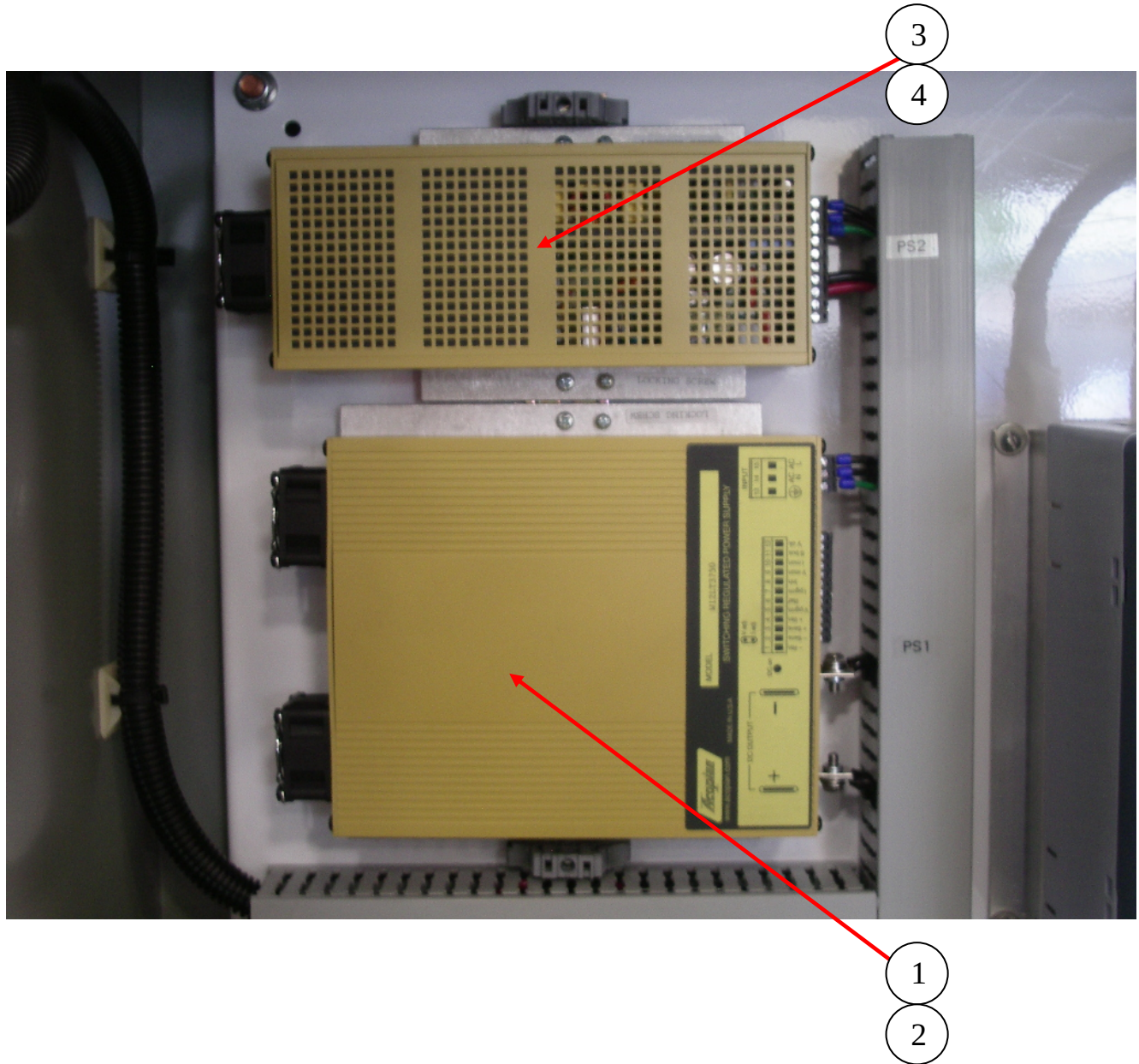
750VA



250VA

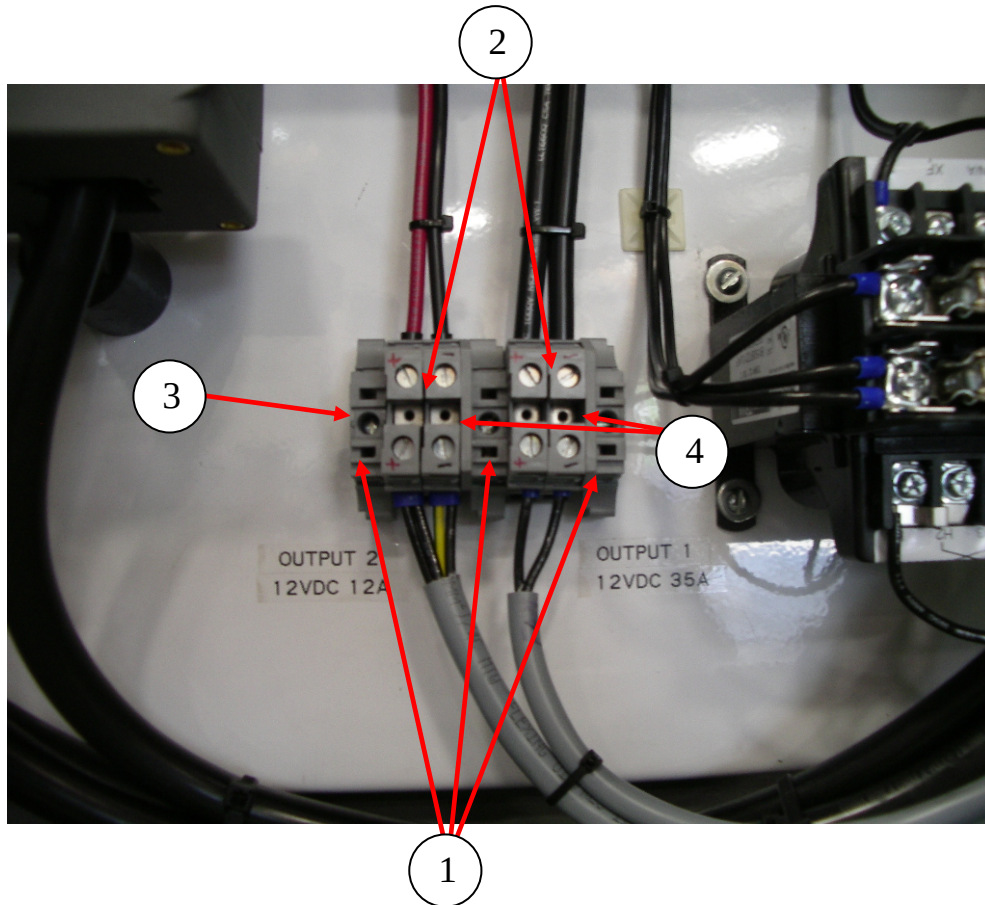
ID #	PART #	PART DESCRIPTION	QUANTITY	
1	88087	TRANSFORMER 150 VA 230/460-120	1	EA
2	88053	FUSE BLOCK	3	EA
3	88057	FUSE 4 AMP	2	EA
4	88076	TRANSFORMER 250VA 230/460V-120V	1	EA
5	88175	FUSE 6 AMP	2	EA
6	88177	TRANSFORMER 750VA 230/460V-120V	1	EA
7	88176	FUSE 8 AMP	2	EA

POWER SUPPLIES



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	88059-2	POWER SUPPLY 12VDC 35 AMP, ACOPIAN (PS1)	1	EA
2	88059-2DR	DIN RAIL KIT FOR 88059-2	1	EA
3	88059-1	POWER SUPPLY 12 VDC 12 AMP, ACOPIAN (PS2)	1	EA
4	88059-1DR	DIN RAIL KIT FOR 88059-1	1	EA

12V OUTPUT



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	88080	END STOP DIN RAIL	3	EA
2	88081	TERMINAL DIN RAIL GREY	4	EA
3	20164	DIN RAIL	2.5	IN
4	88082	GREY END SECTION	2	EA

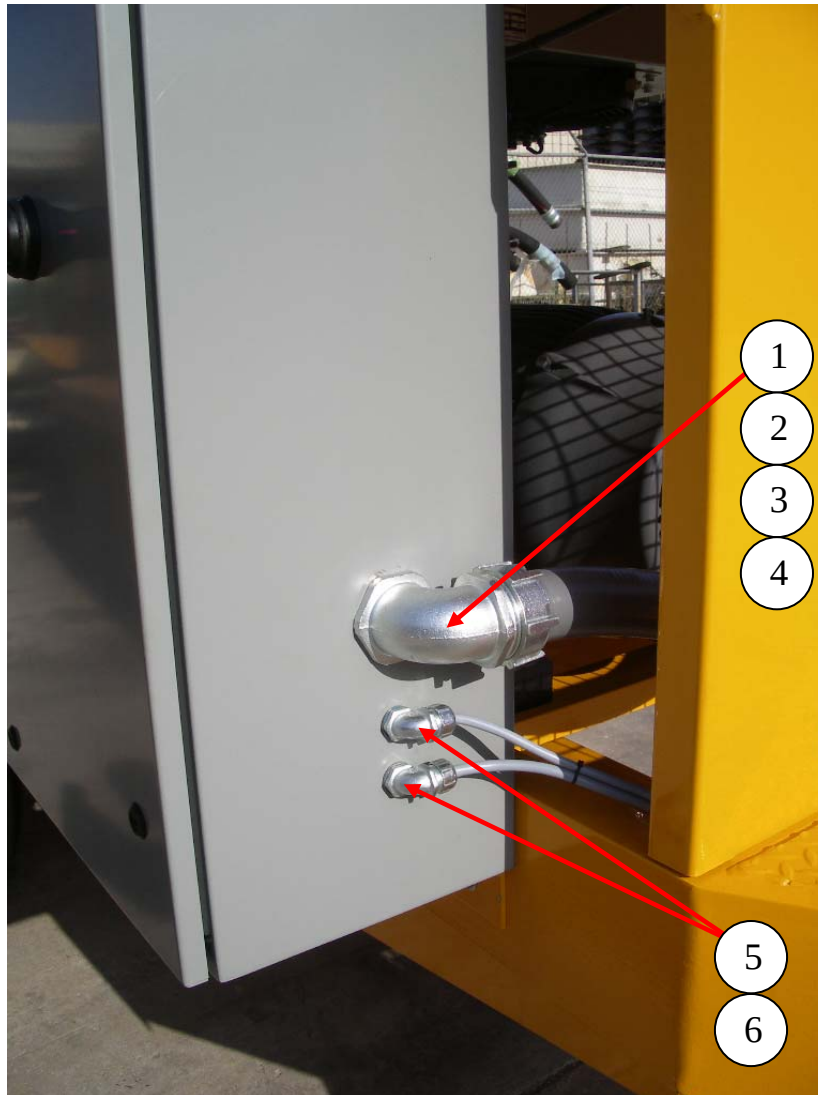


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CONNECTORS



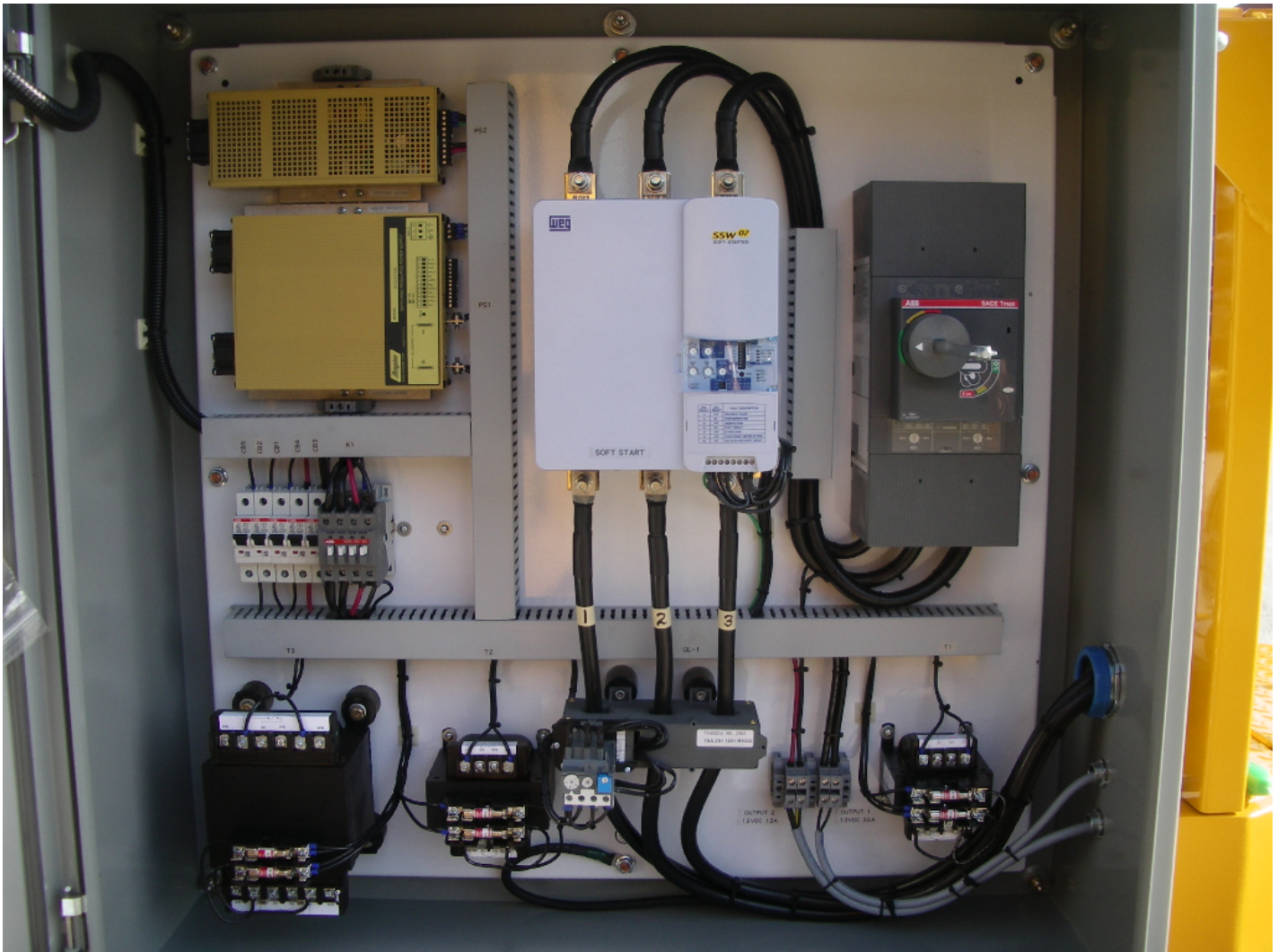
ID #	PART #	PART DESCRIPTION	QUANTITY	
1	86518-1	CONDUIT -2" LIQUID TITE	6	FT
2	86519-1	CONNECTOR -2" ELBOW LIQUID TITE	2	EA
3	86520-1	INSULATED BUSHING 2 "	2	EA
4	86521-1	REDUCER WASHER -31/2 -2"	2	EA
5	73531	90° STRAIN RELIEF	2	EA
6	10528	NUT 1/2" BONDING TYPE LOCK	2	EA



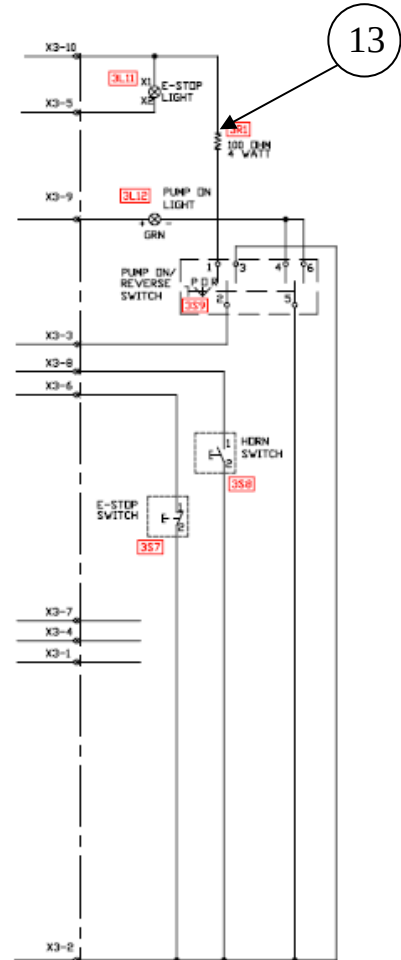
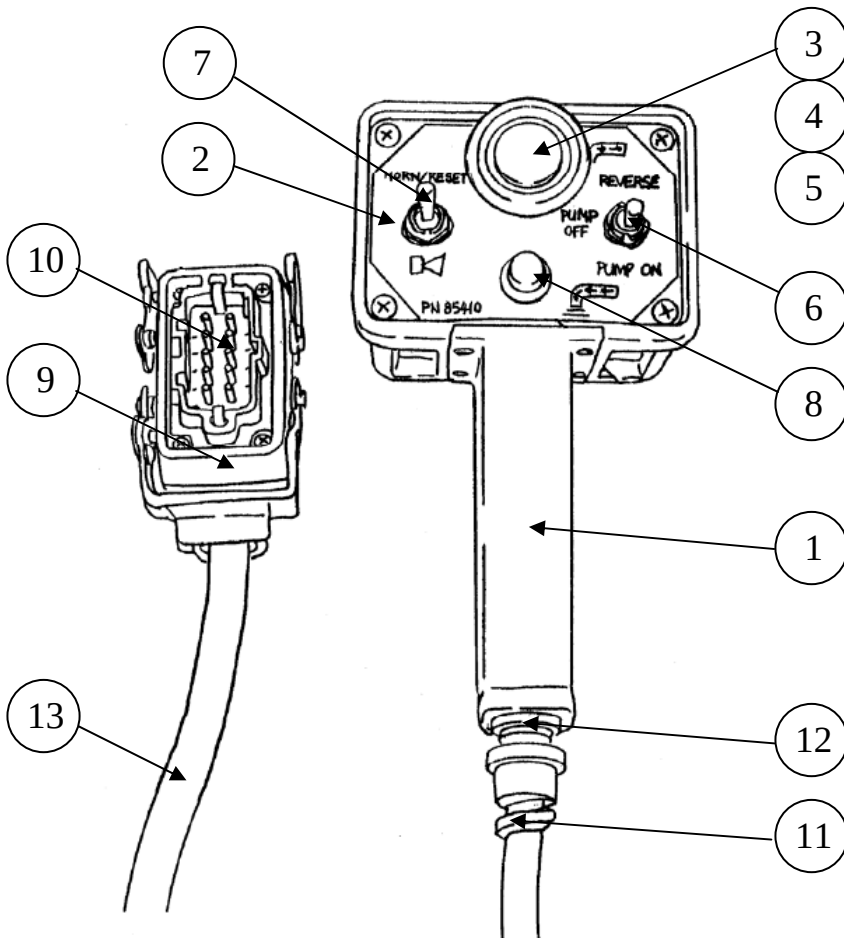
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PENDANT 50 FT CABLE REMOTE



#	PART #	PART DESCRIPTION	QUANTITY	
	85359	REMOTE CONTROL ASSY B-SERIES -50 FT		EA
1	71999	ENCLOSURE, REMOTE CONTROL	1	EA
2	85410	DECAL, REMOTE CONTROL, B-SERIES	1	EA
3	85342	OPERATOR, E-STOP, LIGHTED	1	EA
4	85343	CONTACT BLOCK, LIGHTED, 1NC	1	EA
5	85344	BULB, E-STOP, 12VDC	1	EA
6	72003	SWITCH, TOGGLE, ON/OFF/ON, 6 TERM	1	EA
7	85347	SWITCH, TOGGLE, OFF/MOM, 2 TERM	1	EA
8	85355	LIGHT, PILOT, GREEN	1	EA
9	79966	CONN. HOOD-LATCH, 10P, PG16 SIDE	1	EA
10	79964	CONN. INSERT, 10P MALE, 16P	1	EA
11	86133	STRAIN RELIEF, SPIRAL, PG-11	1	EA
12	86145	REDUCER, PG16 TO PG11	1	EA
13	85620	CABLE, 18AWG-10C PVC-GRY	50	FT
14	72777	RESISTOR-GREEN 100 OHM	1	EA



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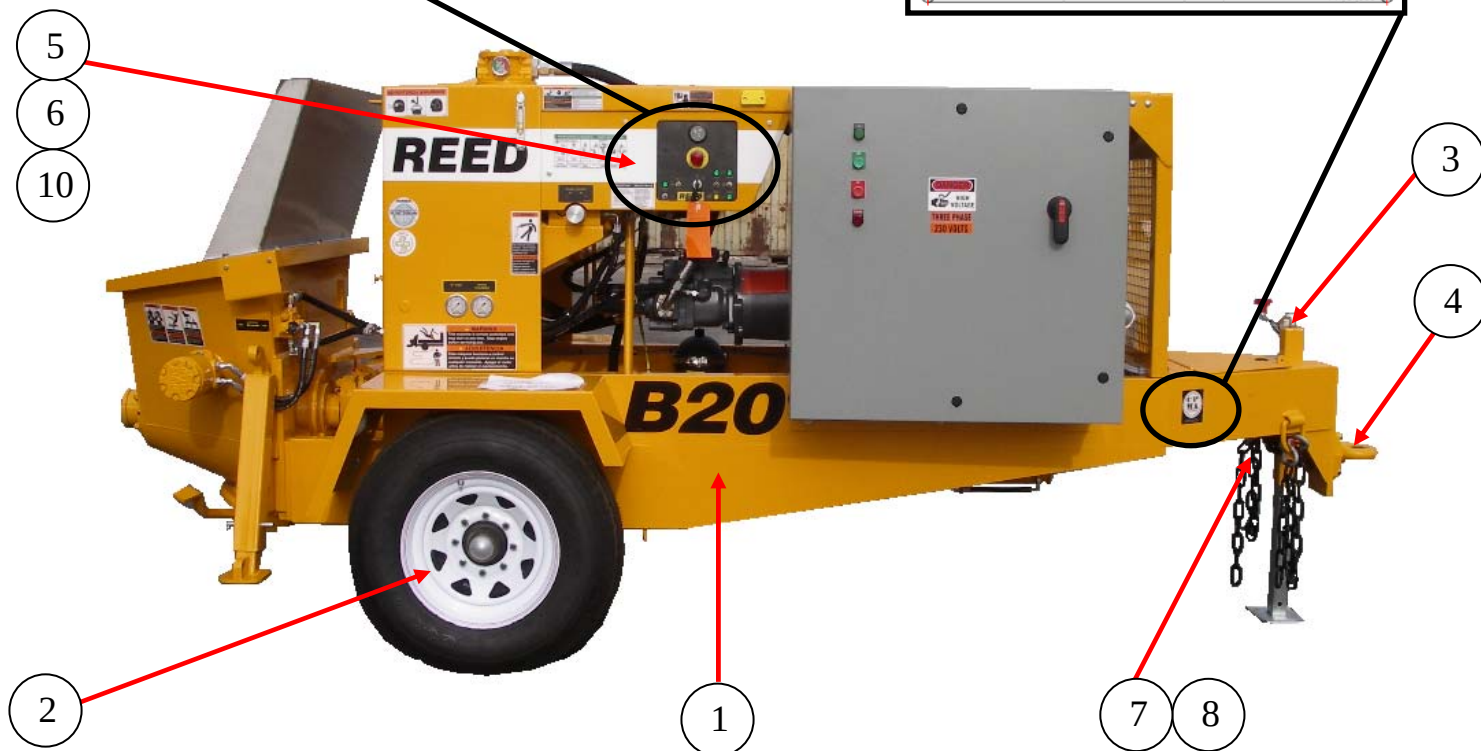
FRAME INSTALLATION FRAME, TIRES, JACK, AND TOW EYE



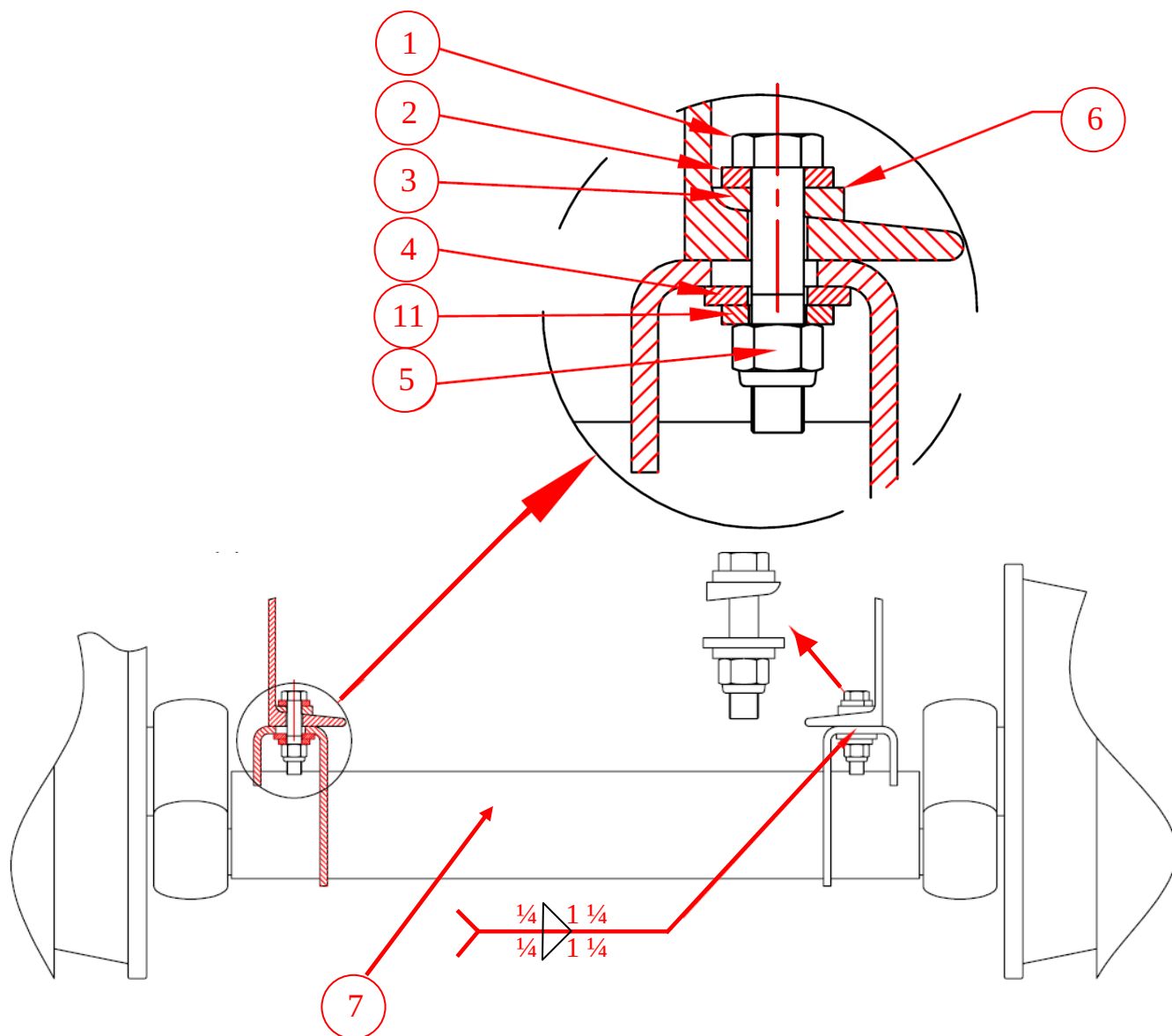
9

REED 13822 OAKS AVENUE CHINO, CA 91710 USA		PHONE (909)287-2100 FAX (909)287-2140	
MODEL	SERIAL NO.		
MATERIAL PRESSURE		PSI	BAR
HYDRAULIC PRESSURE		PSI	BAR
ENGINE / PTO ELECTRIC MOTOR		RPM	VOLTS
VEHICLE WEIGHT (APPROX.)		LBS	KG
YEAR OF MFG.			

PN 96636



ID #	PART #	PART DESCRIPTION	QUANTITY	
	88444	FRAME GROUP B SER ELECTRIC 75HP		
1	88443	FRAM ASSY B SER ELECTRIC 75HP	1	EA
2	85423	TIRE & WHEEL ASSY -215/75R16.5 H	2	EA
3	85527	JACK WELDMENT	1	EA
4	87037	DRAW BAR	1	EA
5	85391	COVER, CONTROL BOX, PAINTED	1	EA
6	13257	WEATHERSTRIP, RUBBER, 5/32 X 1	24	IN
7	87086	CHAIN ASSY	2	EA
8	87085	SHACKLE ANCHOR, SCREW PIN, 1/2 6600	4	EA
9	86636	SERIAL NUMBER PLATE (BLANK)	1	EA
10	800347	HORN, 12V	1	EA

7000LB AXLE MOUNTING ASSEMBLY

ID #	PART #	PART DESCRIPTION	QUANTITY	
	87542	AXLE MOUNTING HARDWARE KIT	1	EA
1		1/2" -20 X 2.5 HHCS GR8	4	EA
2		1/2" SAE WASHER	8	EA
3		1/2" USE WASHER	4	EA
4		1/2" SAE WASHER	4	EA
5		1/2" - 20 LOCK NUT	4	EA
6		1/2" BEVELED WASHER	4	EA
7	85424	AXLE, TORSION, 7000 LB 8 on 6.50 (AL-KO)	1	EA

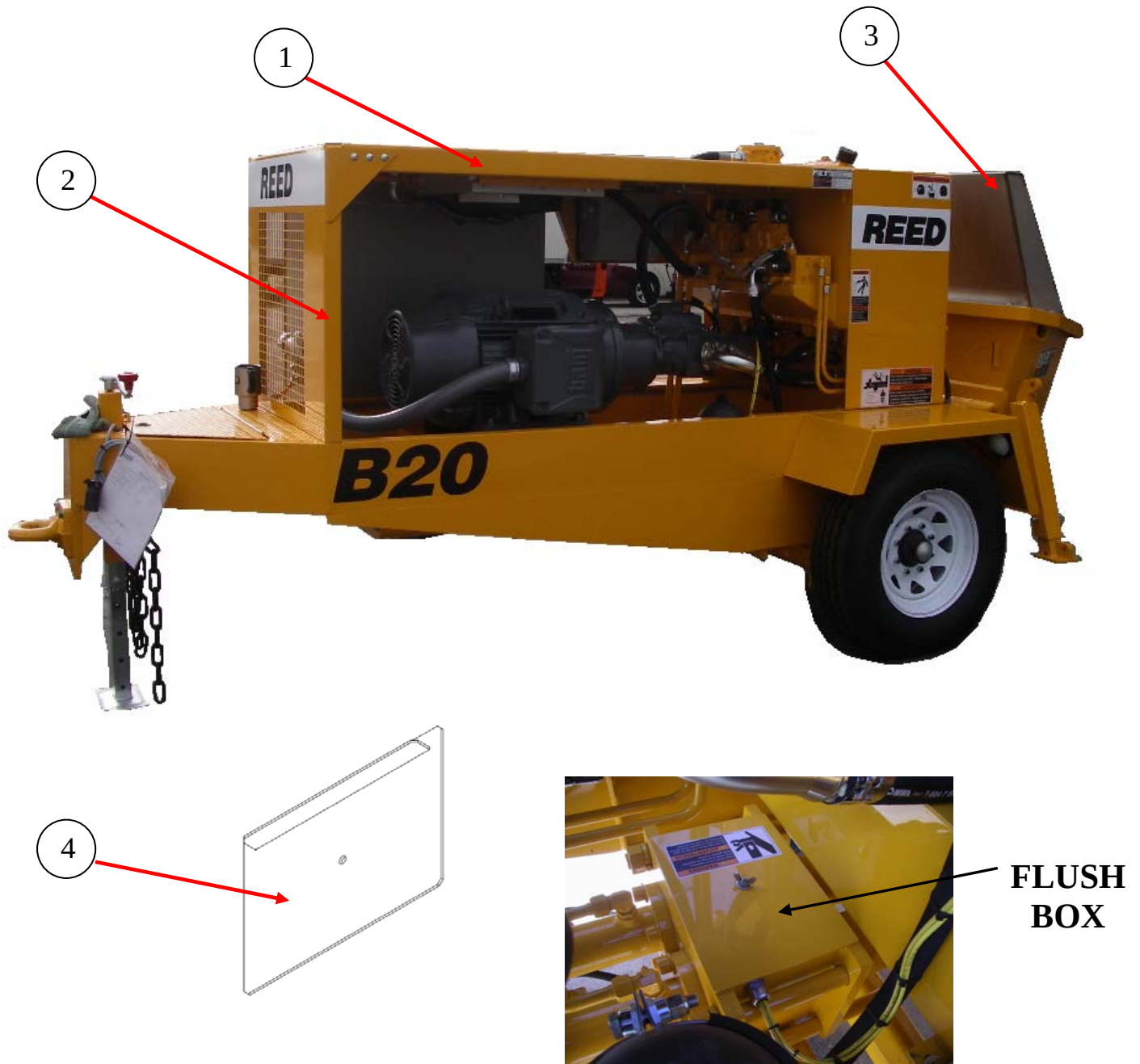


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HOOD AND COVERS

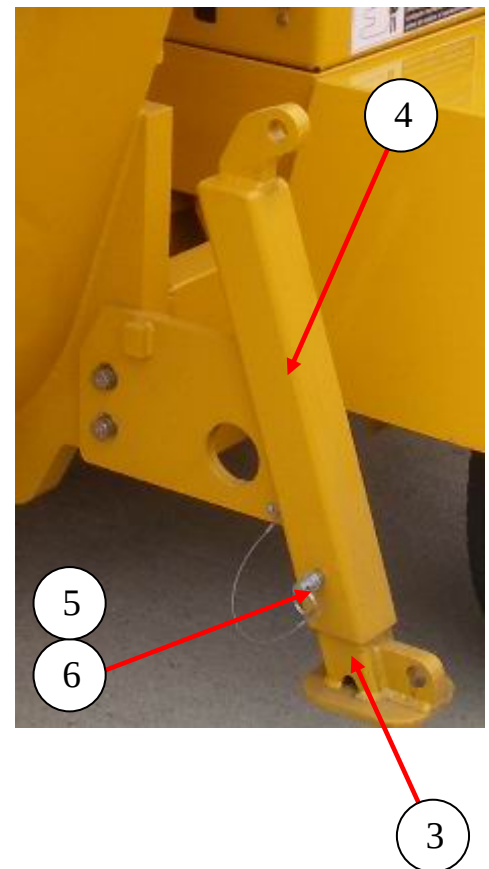


ID #	PART #	PART DESCRIPTION	QUANTITY	
1	87400	TOP PANEL WELDMENT B SER ELETRIC	1	EA
2	88446	COVER FRONT WELD, B SER WITH 75HP MOTOR	1	EA
3	85714-1	SPLASH GUARD, B-20 W/HOPPER SAFETY GRATE	1	EA
4	71933	LID, FLUSHBOX	1	EA

FENDERS AND OUTRIGGERS



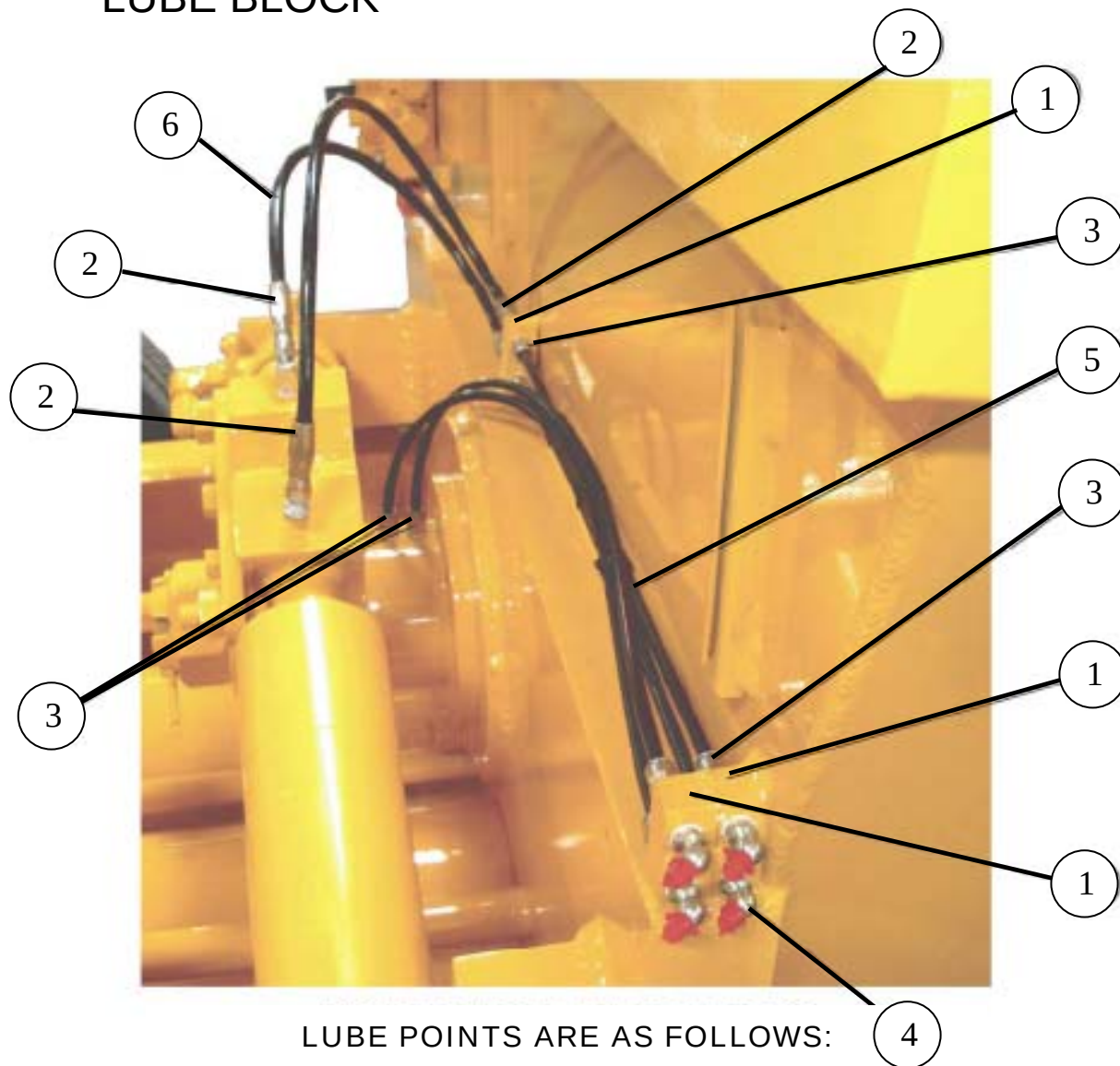
OUTRIGGER ASSEMBLY



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	85392	FENDER, RH, B SERIES PAINTED	1	EA
2	85393	FENDER, LH, B SERIES PAINTED	1	EA
3	86553	OUTRIGGER WELDMNT, INNER-PAINTED	2	EA
4	86550	OUTERTUBE, O/R B & C - PAINTED	2	EA
5	85595	PIN, Q/R, 5/8 DIA X 3 1/2 L	2	EA
6	800418	LANYARD, Q/R PIN	2	EA

OPTIONS

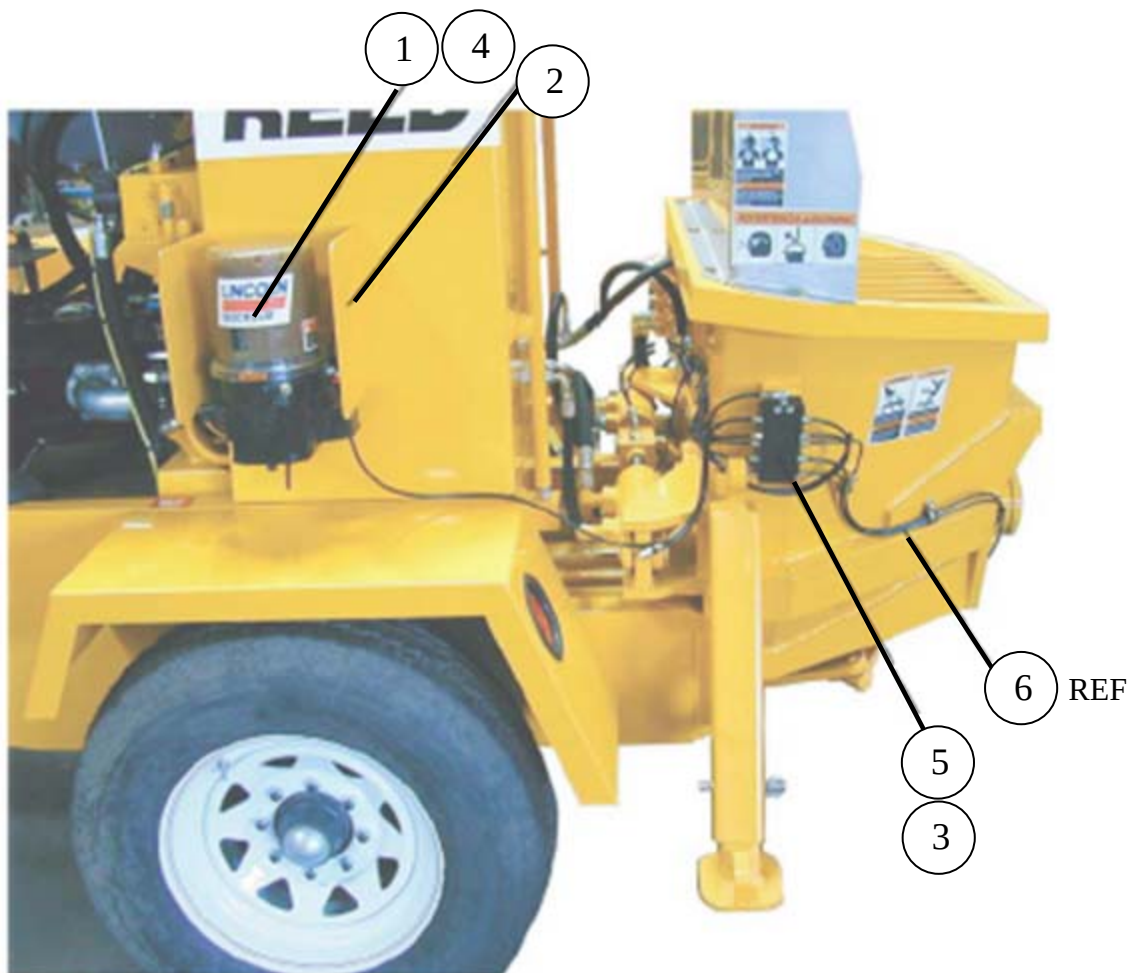
LUBE BLOCK



ID #	PART #	PART DESCRIPTION	QUANTITY	
	87539	ASSEMBLY, CENTRALIZED LUBE BLOCK	1	EA
1	87437	BLOCK	3	EA
2	87628	HOSE, COUPLING	4	EA
3	87629	FITTING, HOSE	8	EA
4		FITTING, GREASE	4	EA
5		HOSE, PLASTIC- 1/4 " O.D. TUBING	A/R	
6		HOSE, PLASTIC 5/16" O.D. TUBING	A/R	

OPTIONS

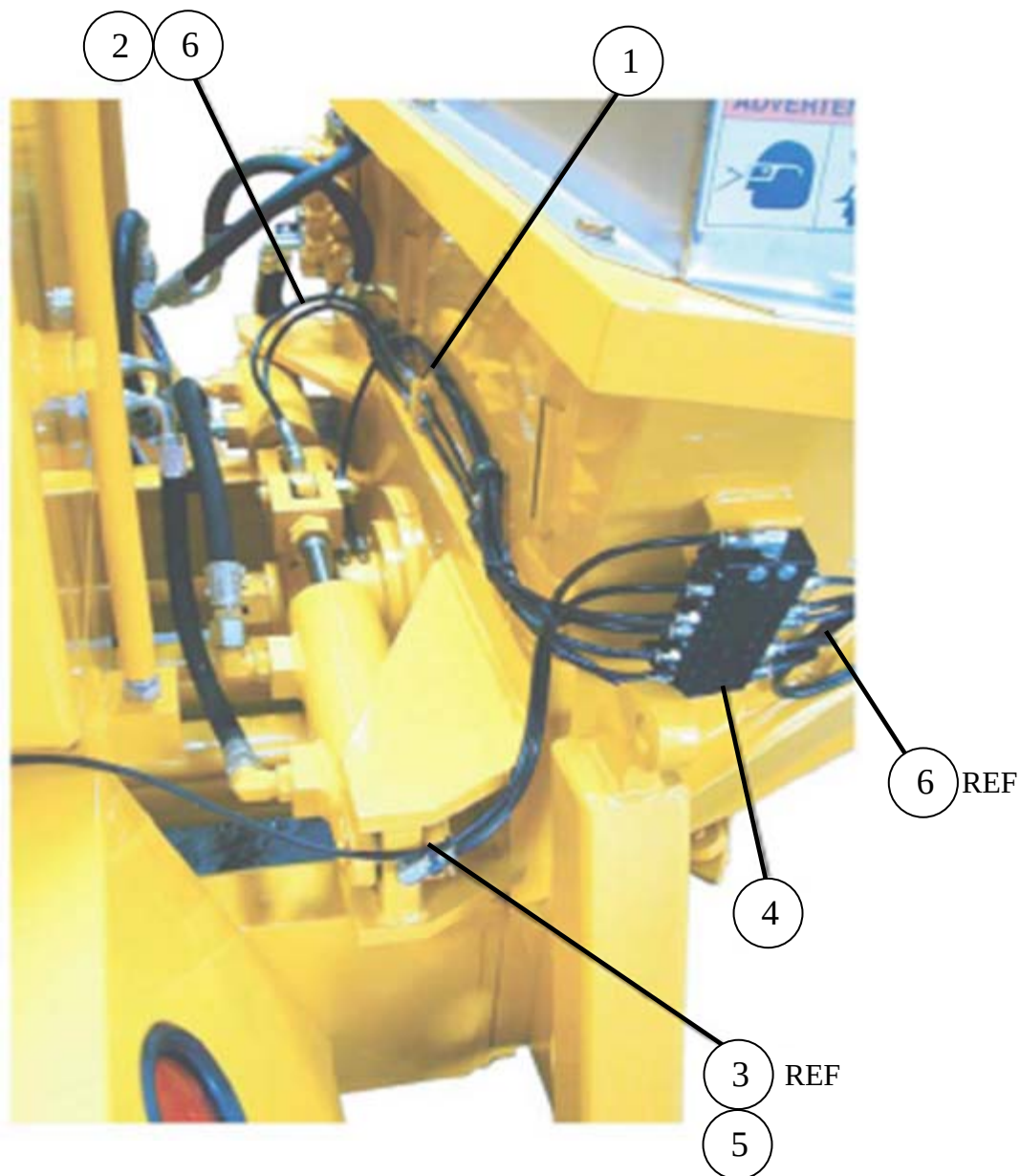
AUTOLUBE PUMP (PLASTIC TUBING)



ID #	PART #	PART DESCRIPTION	QUANTITY	
	87476	ASSEMBLY, AUTO LUBE 12V PLASTIC TUBE	1	EA
1	87193	LUBE PUMP ASSY (PLACTIC TUBING)	1	EA
2	87257	GUARD	1	EA
3	87475	BRACKET, LUBE BLOCK MOUNT	1	EA
4		VALVE, PRESSURE RELIEF	1	EA
5		BLOCK, DIVIDER VALVE -18 OUTLET	1	EA
6		HOSE, PLASTIC- 1/4" O.D.	A/R	
7		HOSE, PLASTIC-5/16" O.D.	A/R	

OPTIONS

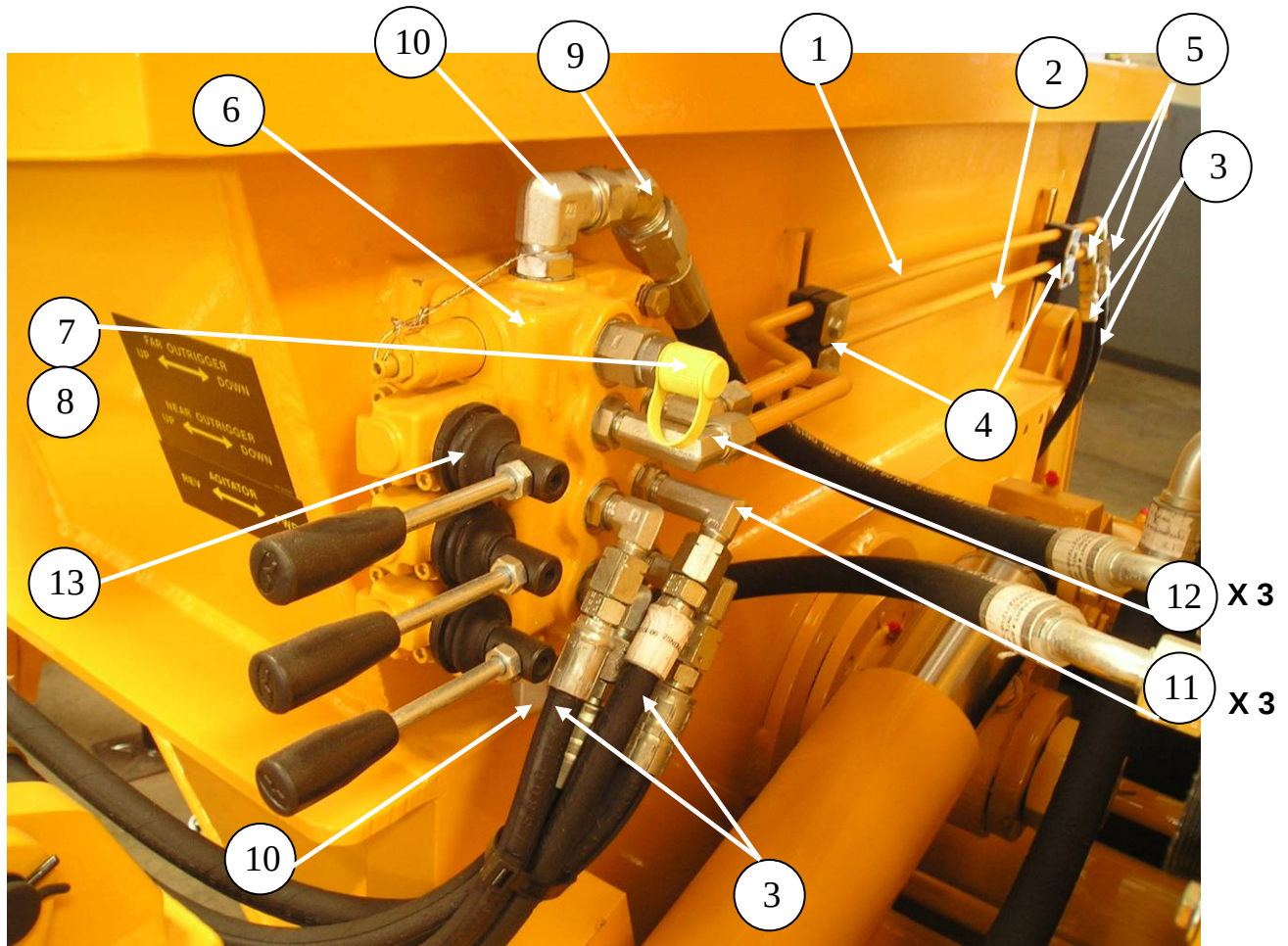
AUTOLUBE PUMP (PLASTIC TUBING) CONTINUED



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	87437	BLOCK	1	EA
2	87628	HOSE COUPLING	4	EA
3	87629	FITTING, HOSE	22	EA
4		BLOCK, DIVIDER VALVE -18 OUTLET	REF	EA
5		HOSE, PLASTIC- 1/4" O.D.	A/R	
6		HOSE, PLASTIC-5/16" O.D.	A/R	

OPTIONS

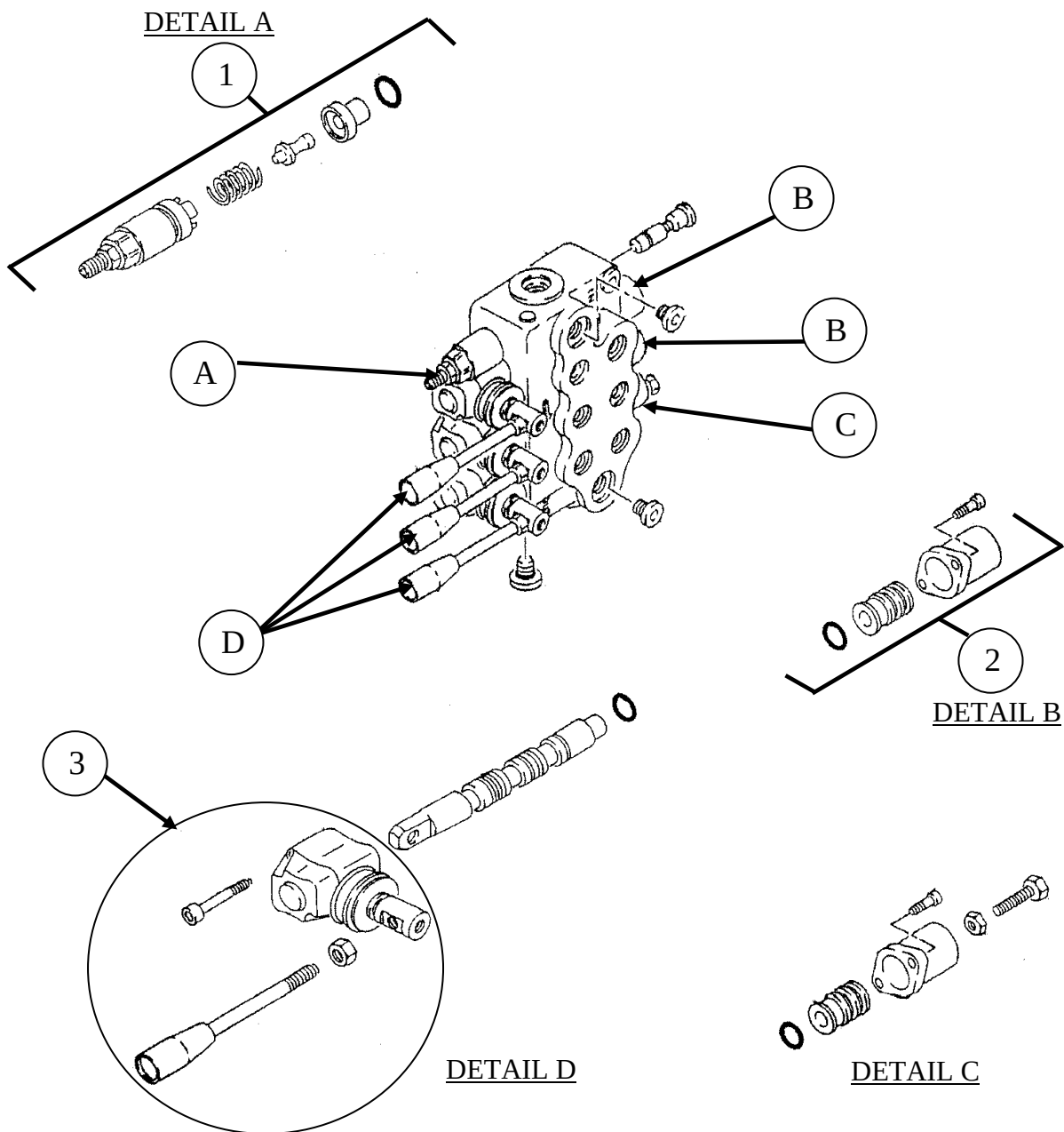
HYDRAULIC OUTRIGGER GROUP



ID #	PART #	PART DESCRIPTION	QUANTITY	
	86334	HYD OUTRIGGER GROUP	REF	
1	85685	TUBE, HYD, OUTRIGGER - PAINTED	1	EA
2	85686	TUBE, HYD, OUTRIGGER - PAINTED	1	EA
3	85659-010	HOSE, 4M2T-6FJX-6FJX-33.00	4	EA
4	801902-020	TUBE CLAMP – 3/8 IN – HALF	4	EA
5		MJ-MJ90-6-6	2	EA
6	74471	VALVE, MAUNAL-3 SPOOL	1	EA
7	800083	FITTING, MINI CHECK (PORT)	1	EA
8	86750	ADAPTER, MB-FB-8-6	1	EA
9	86749	FITTING, MJ-FJX45-10-10	1	EA
10	86746	FITTING, 90° MB-MJ-90-8-10	2	EA
11	86748	FITTING, 90° MB-MJ90-6-6	3	EA
12	86747	FITTING, 90° MB-MJ90LL-6-6	3	EA
13	74471-B	BOOT, COVER	3	EA

OPTIONS

3 SPOOL CONTROL VALVE



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	85706	RELIEF, CARTRIDGE	1	EA
2	74469	DETENT KIT, #11 WALVOIL VALVE	A/R	EA
3	74471-020	VALVE ACTUATOR FOR 74471, 74585, 74584 VALVES	A/R	EA



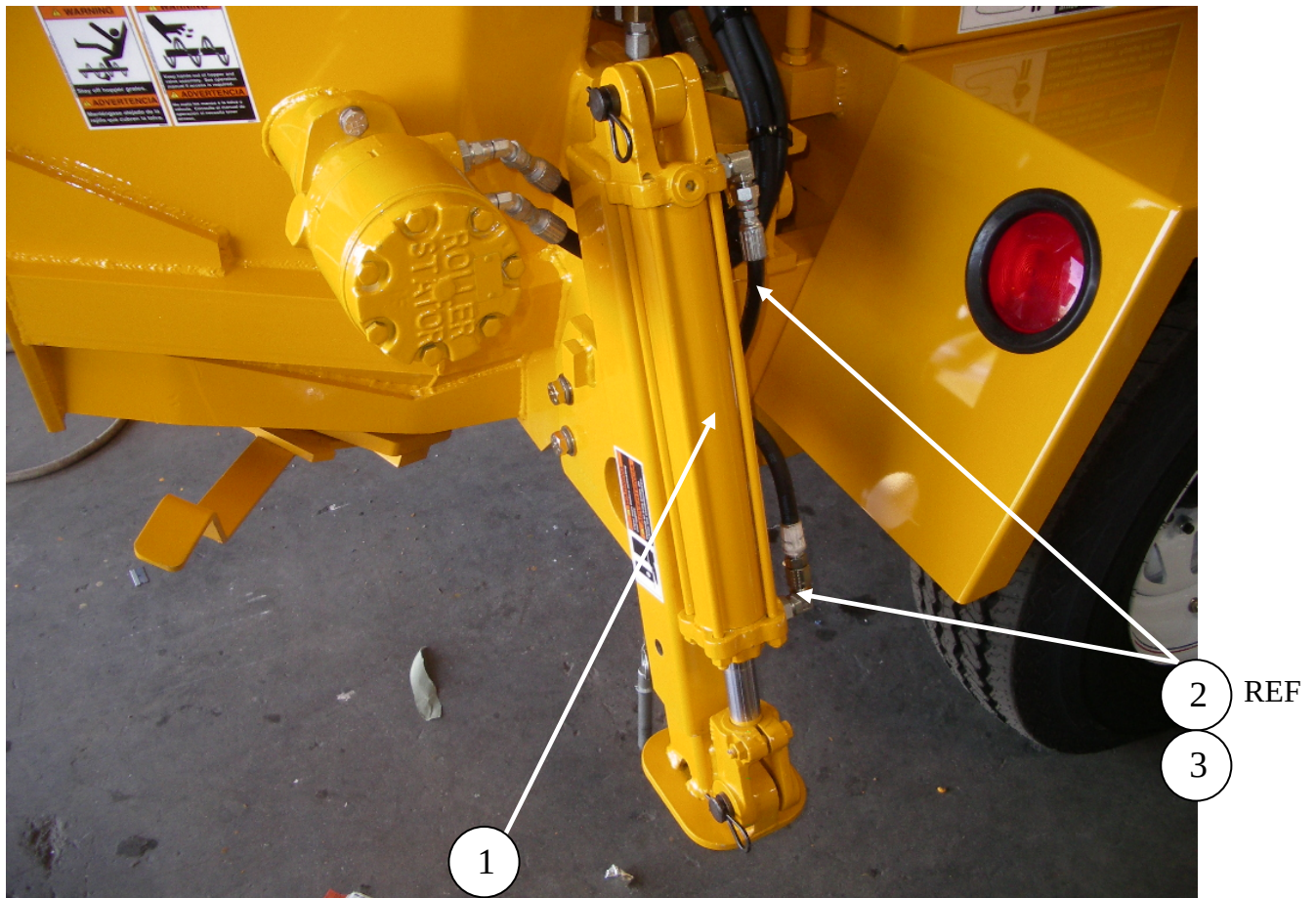
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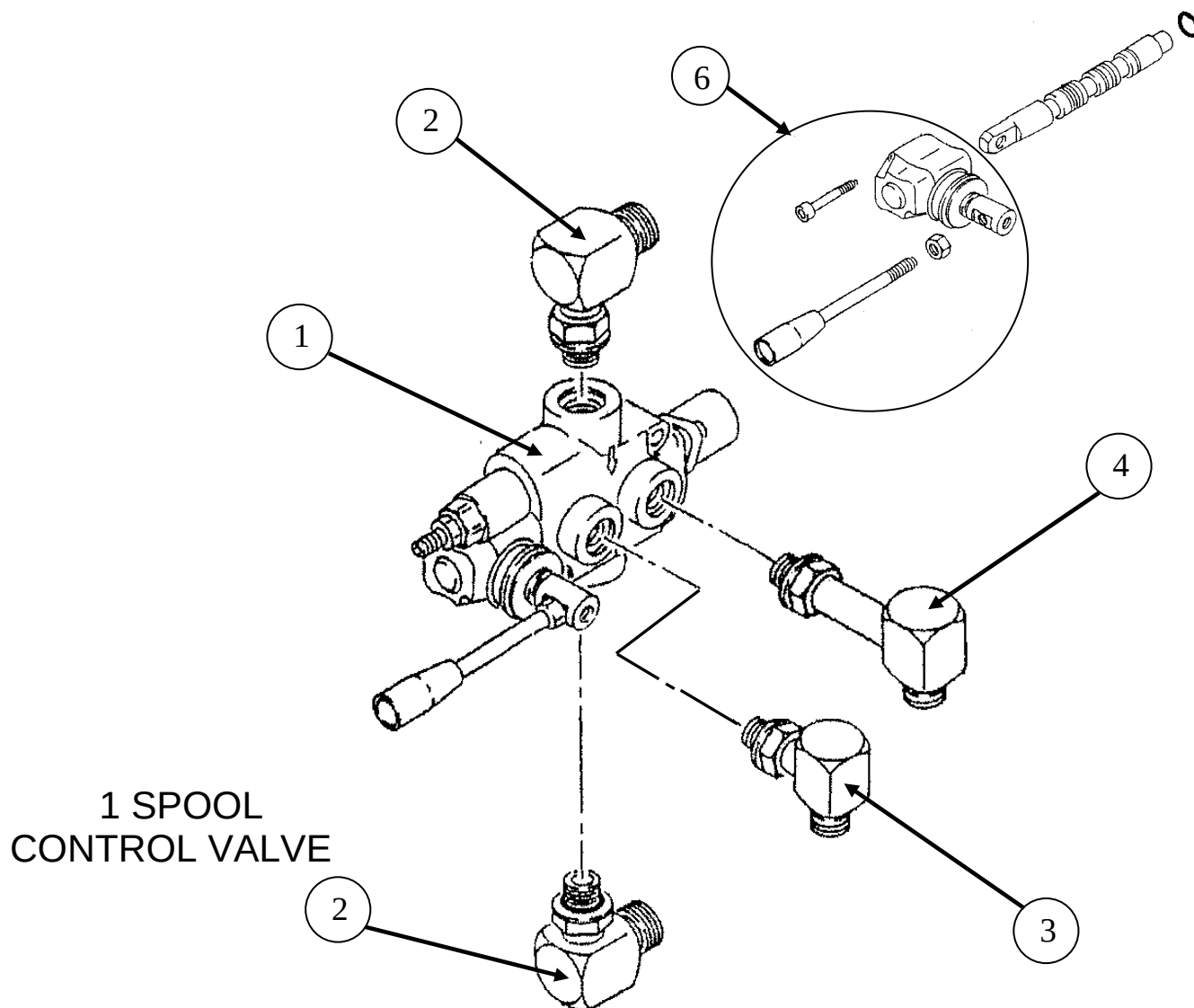
OPTIONS

HYDRAULIC OUTRIGGER CYLINDER

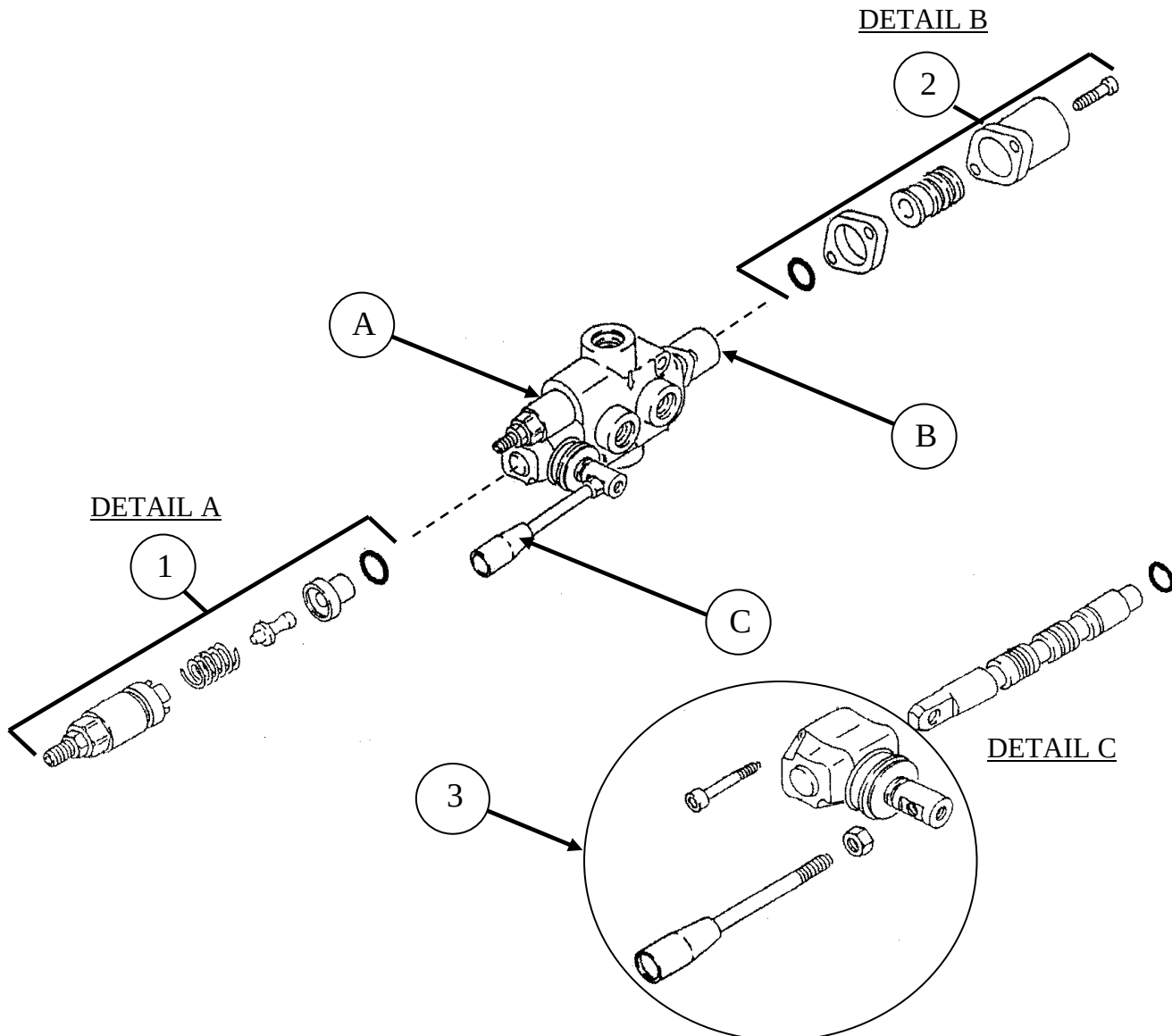


ID #	PART #	PART DESCRIPTION	QUANTITY	
1	86574	HYD CYL – 2.00 BORE X 12.00 STR – PAINTED	2	EA
2	85659-010	HOSE, 4M2T-6FJX-6FJX-33.00	REF	EA
3	86728-008	FITTING, 90° MB-MJ90-8-6	4	EA

OPTION AGITATOR GROUP



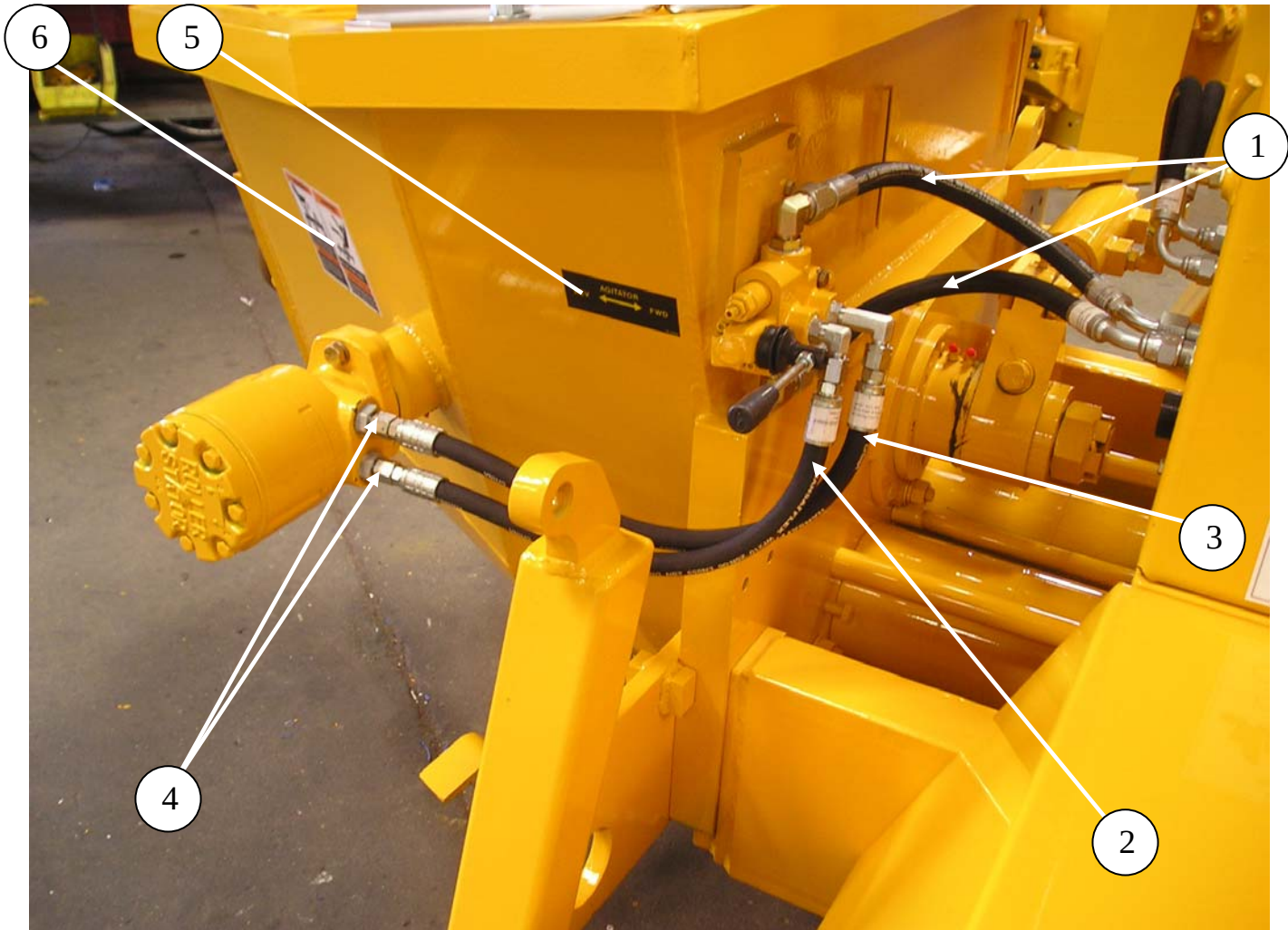
ID #	PART #	PART DESCRIPTION	QUANTITY	
1	74584	VALVE, MAUNAL-1 SPOOL	1	EA
2	86746	FITTING, 90° MB-MJ-90-8-10	2	EA
3	86748	FITTING, 90° MB-MJ90-6-6	1	EA
4	86747	FITTING, 90° MB-MJ90LL-6-6	3	EA
5	74471-B	BOOT, COVER	1	EA
6	74471-020	VALVE ACTUATOR FOR 74471, 74585, 74584 VALVES	A/R	EA

OPTIONS
1 SPOOL AGITATOR VALVE

ID #	PART #	PART DESCRIPTION	QUANTITY	
1	85706	RELIEF, CARTRIDGE	1	EA
2	74469	DETENT KIT, #11 WALVOIL VALVE	A/R	EA
3	74471-020	VALVE ACTUATOR FOR 74471, 74585, 74584 VALVES	A/R	EA

OPTIONS

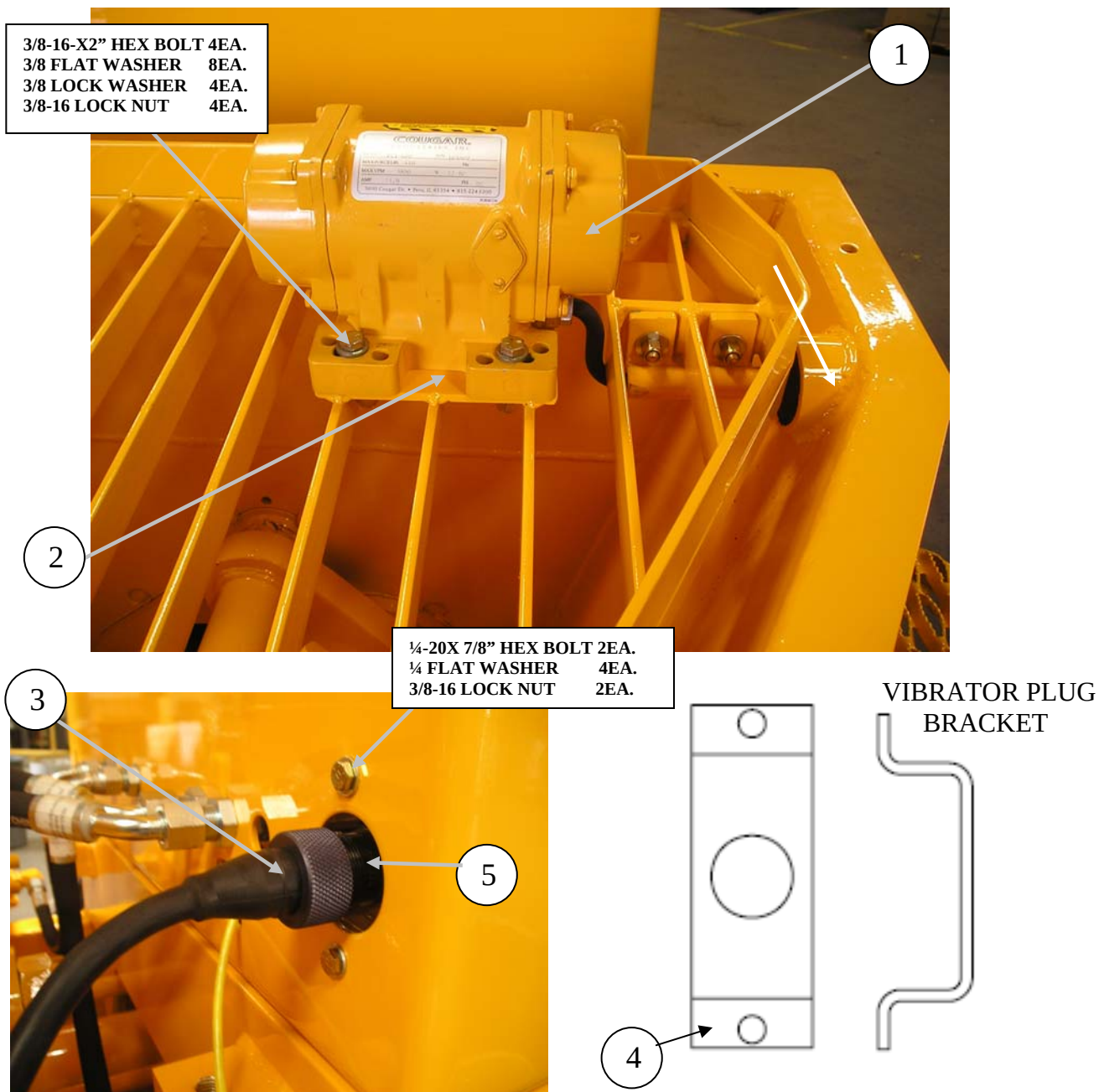
AGITATOR GROUP CONTINUED



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	85657-016	HOSE, 8M2T-10FJX-10FJX45-20.00	2	EA
2	85658-011	HOSE, 6M2T-6FJX-6FJX-21.00	1	EA
3	85658-010	HOSE, 6M2T-6FJX-6FJX-20.00	1	EA
4		FITTING,MB-MJ-10-6	2	EA
5	85845	DECAL, OUTRIGGERS	1	EA
6	800919	DECAL, WARNING, STAND CLEAR	2	EA

OPTION

VIBRATOR (COUGAR)



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	71429	VIBRATOR, 12VDC ROTARY (COUGAR)	1	EA
2	85893	BRACKET, VIBRATOR	1	EA
3	85898-1	CORD W/PLUG, MALE 14AWG X 8 FT	1	EA
4	87472	BRACKET, VIBRATOR PLUG MOUNT	1	EA
5	85899	VIBRATOR, PLUG	1	EA

OPTION VIBRATOR (VIBCO)



ID #	PART #	PART DESCRIPTION	QUANTITY	
	88021	VIBRATOR, ASSY, ELECTRIC, 100LB	1	EA
1	87916	VIBRATOR, 12 VDC SMALL	1	EA
2	88024	CONNECTOR, FEMALE	1	EA
3	88023	CONNECTOR, MALE 90°	1	EA
4	88025	CAP, SOCKET FEMALE FOR 88024	1	EA
5	88022	BRACKET, 87916 VIBRATOR MOUNT	1	EA



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OPTION RADIO REMOTE

PUMP BOSS II

P/N 79964
10 PIN PLUG

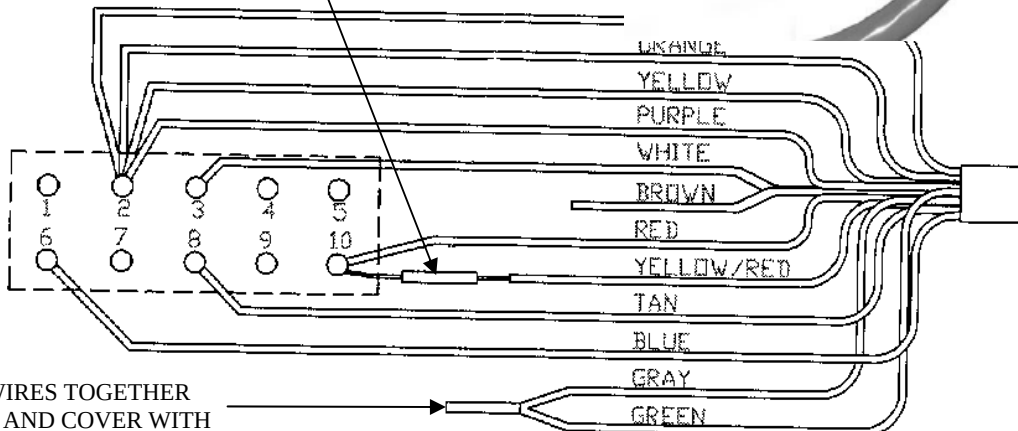
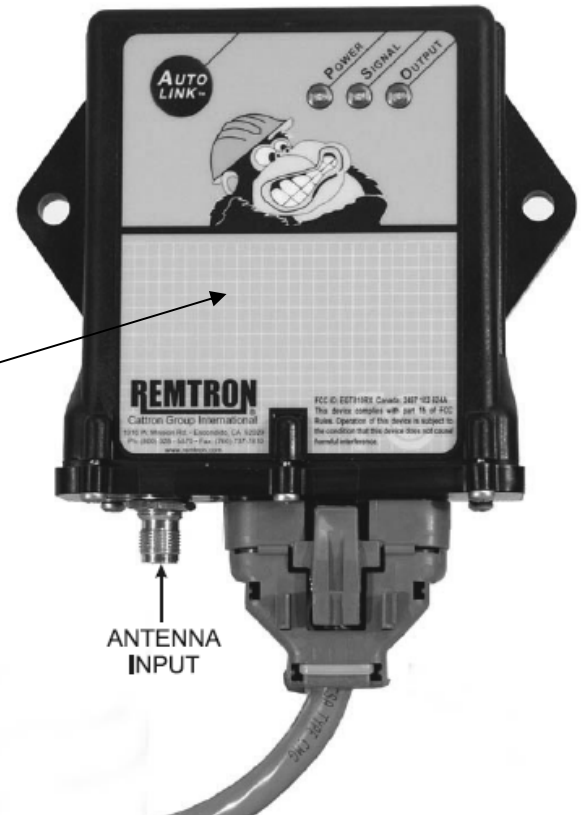
P/N 79966
HOUSING

PN 72777 RESISTOR 100 OHM,
SOLDER AND COVER WITH
HEAT SHRINK

TWIST WIRES TOGETHER
SOLDER AND COVER WITH
HEAT SHRINK

TRANSMITTER

ANTENNA
INPUT



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	85833	REMOTE CONTROL ASSEMBLY PUMP BOSS II	1	EA



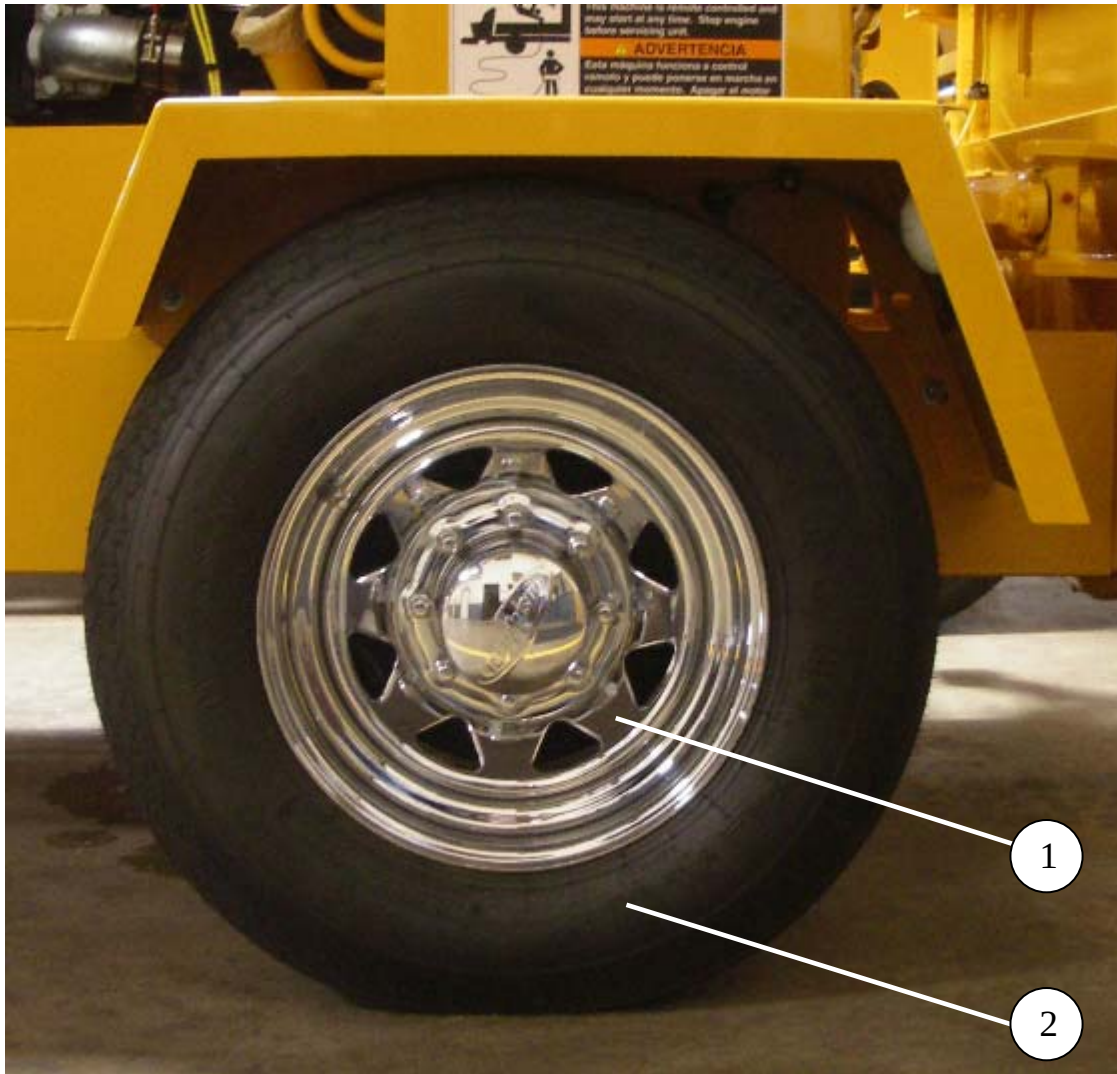
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OPTIONS

CHROME WHEEL AND TIRE



ID #	PART #	PART DESCRIPTION	QUANTITY	
	86059	TIRE & WHEEL-CHROME ASSEMBLY	2	EA
1		WHEEL-CHROME	2	EA
2		TIRE-215/75R17.5H	2	EA



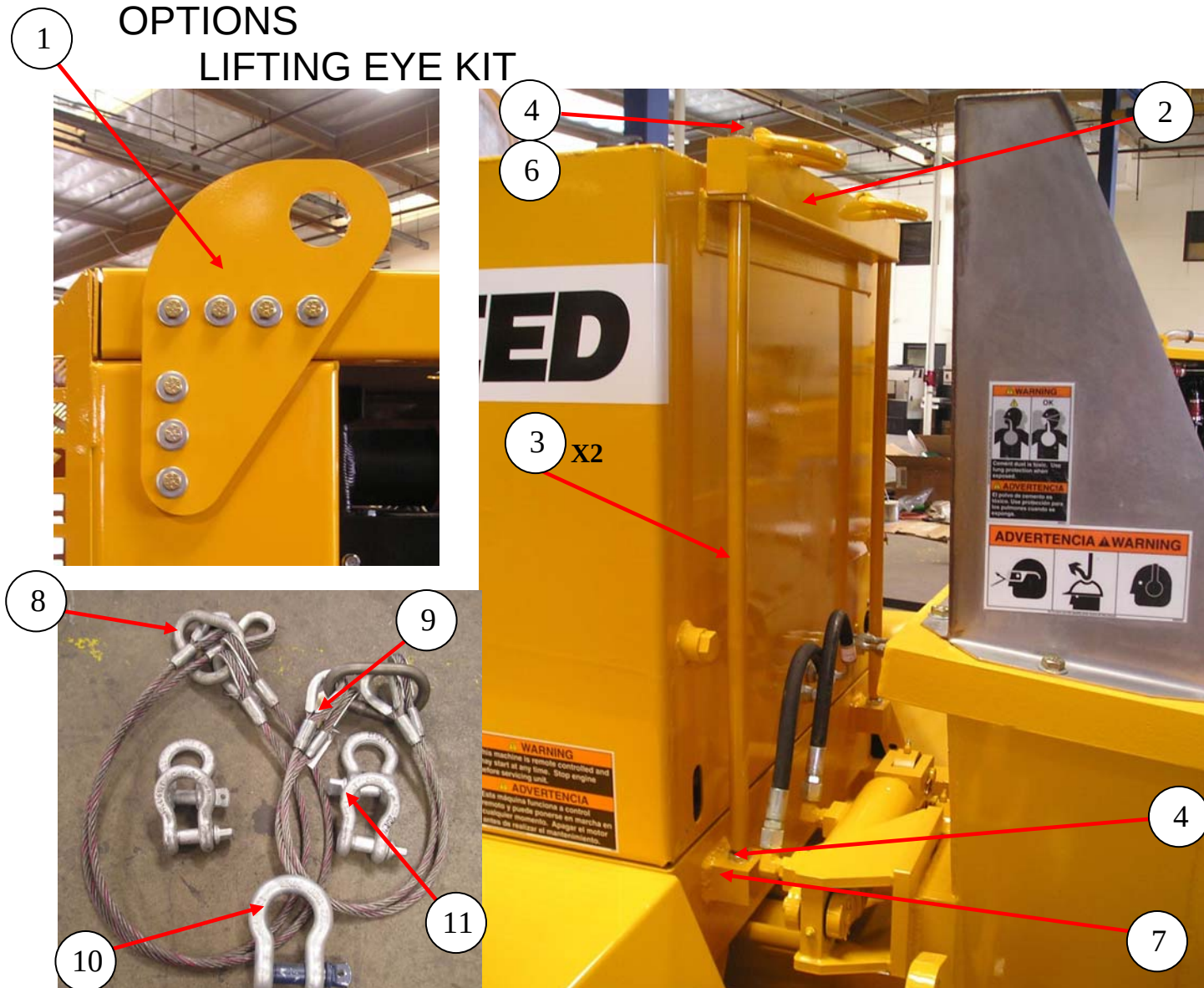
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OPTIONS

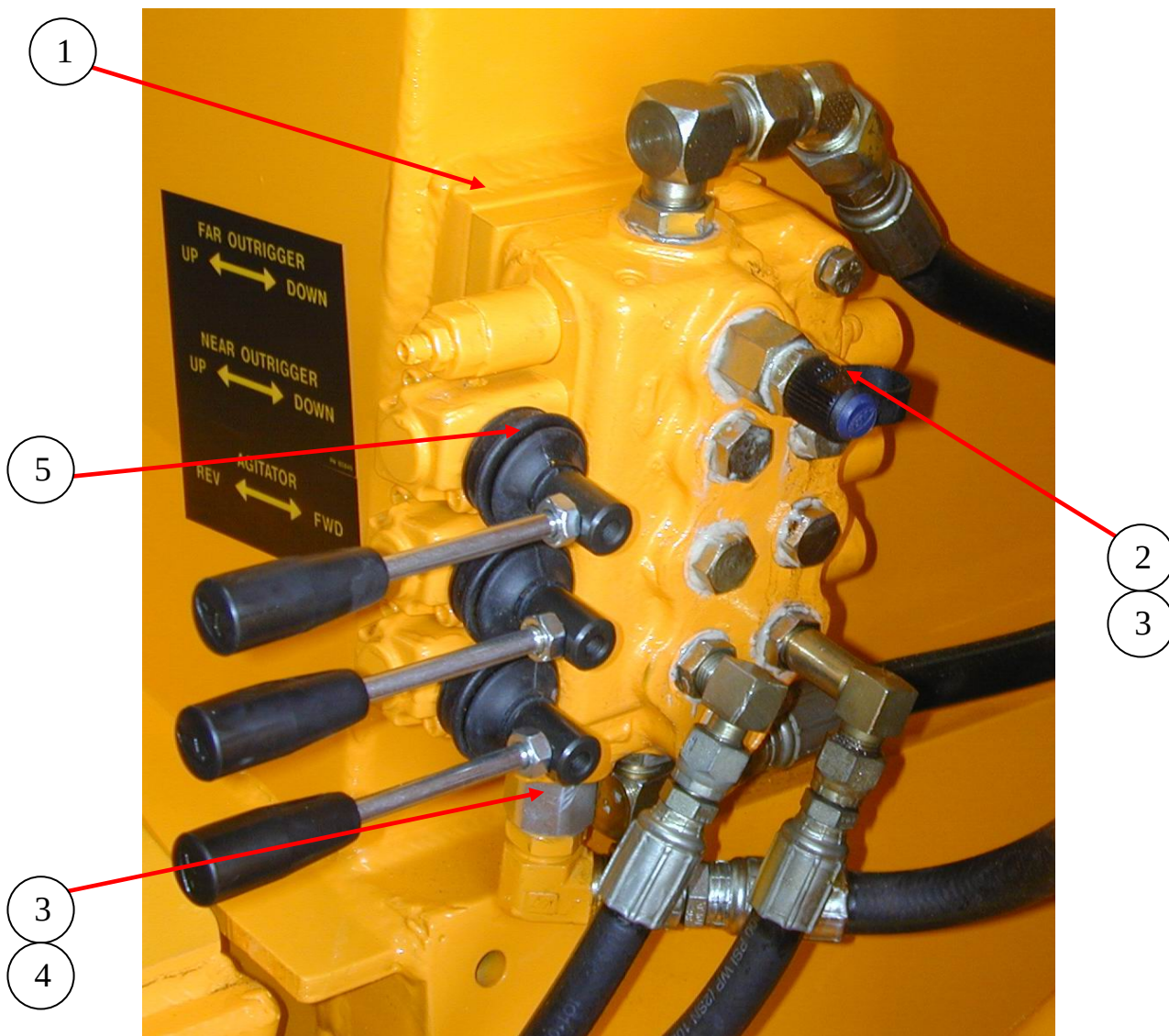
LIFTING EYE KIT



ID #	PART #	PART DESCRIPTION	QUANTITY	
	87859	LIFTING EYE ASSEMBLY B SERIES	REF	
1	87594	GUSSET ENGINE COVER PAINTED	2	EA
2	86799	LIFTING BAR, WELDMENT-REAR	1	EA
3	86762	LIFTING TIE ROD	2	EA
4	80008	HEX NUT 3/4-10UNC GR 8 ZINC	2	EA
5	80009	HEX JAMNUT 3/4-10UNC GR 8 ZINC	2	EA
6	80010	LOCKWASHER- 3/4-STL ZINC	2	EA
7	85823	BLOCK, TRALIER LIFTING	2	EA
8	86776	LIFT CABLE, FRONT	1	EA
9	86777	LIFT CABLE, REAR	1	EA
10	86778	SHACKLE, ANCHOR W/SCREW PIN	1	EA
11	86811	SHACKLE, ANCHOR W/SCREW PIN	4	EA

OPTIONS

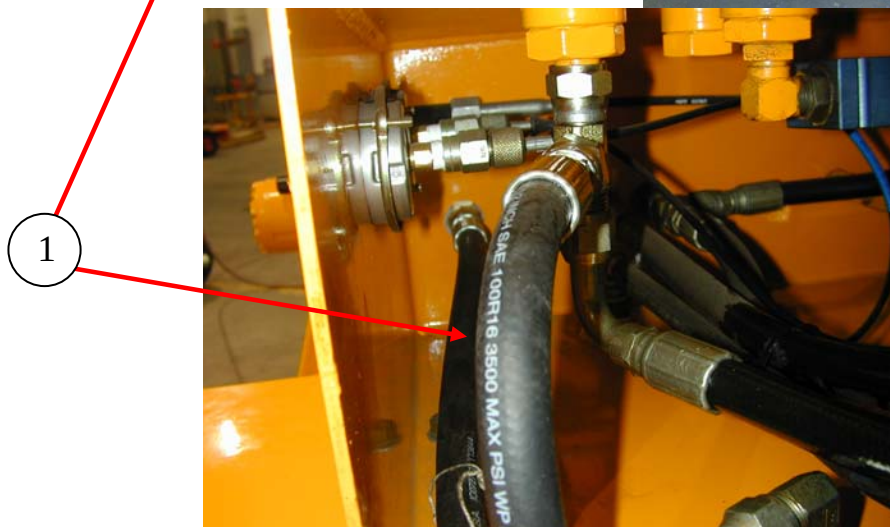
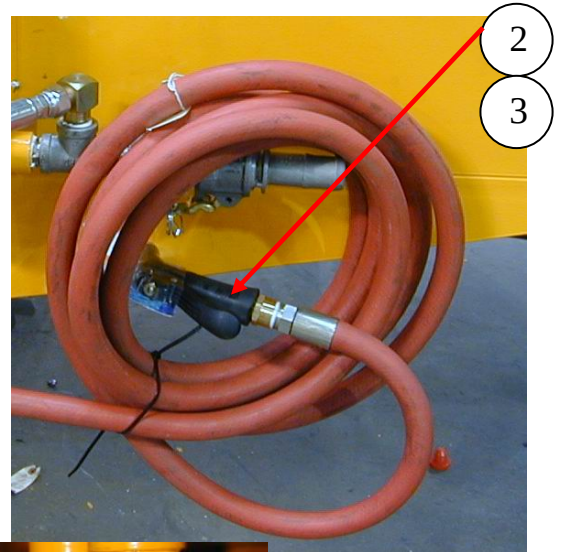
WATER PUMP



ID #	PART #	PART DESCRIPTION	QUANTITY	
	86720	WASH PUMP INSTALLATION, B-SERIES	REF	EA
1	86692	SPACER, AGITATOR VALVE	1	EA
2	86384	POWER BEYOND SLEEVE	1	EA
3	86746	FITTING, 90° MB-MJ-90-8-10	1	EA
4	85657-021	HOSE, 8M2T-10FJX-10FJX45-12.25	1	EA
5	74471-B	BOOT, COVER	3	EA

OPTIONS

WATER PUMP CONTINUED



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	85657-023	HOSE, 8M2T-10FJX-10FJX45-52.00	2	EA
2	86267	WATER HOSE, 12 ENCONO-12FXP-12MP-20FT	1	EA
3	800098	NOZZLE, GARDEN HOSE	1	EA

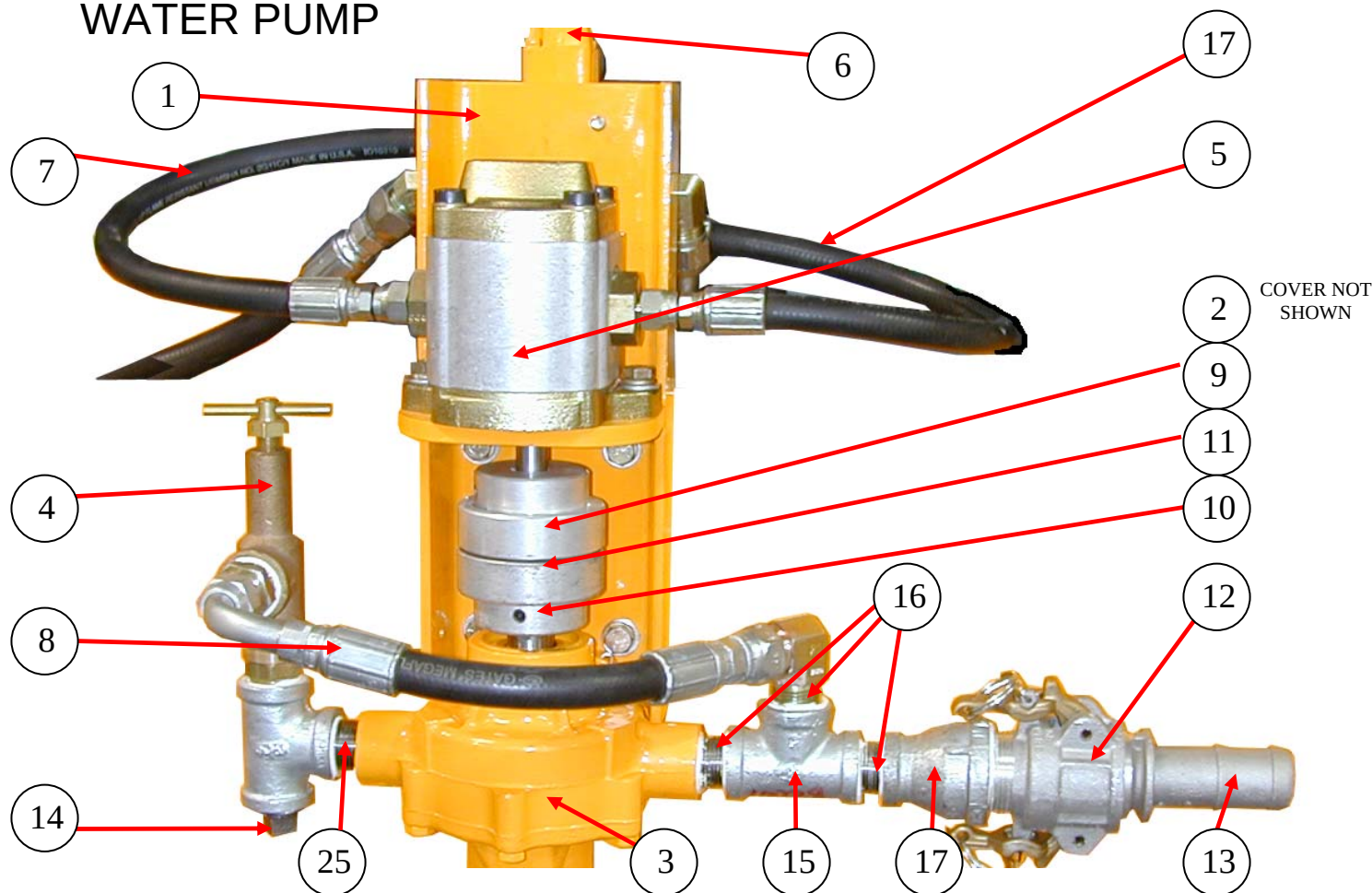


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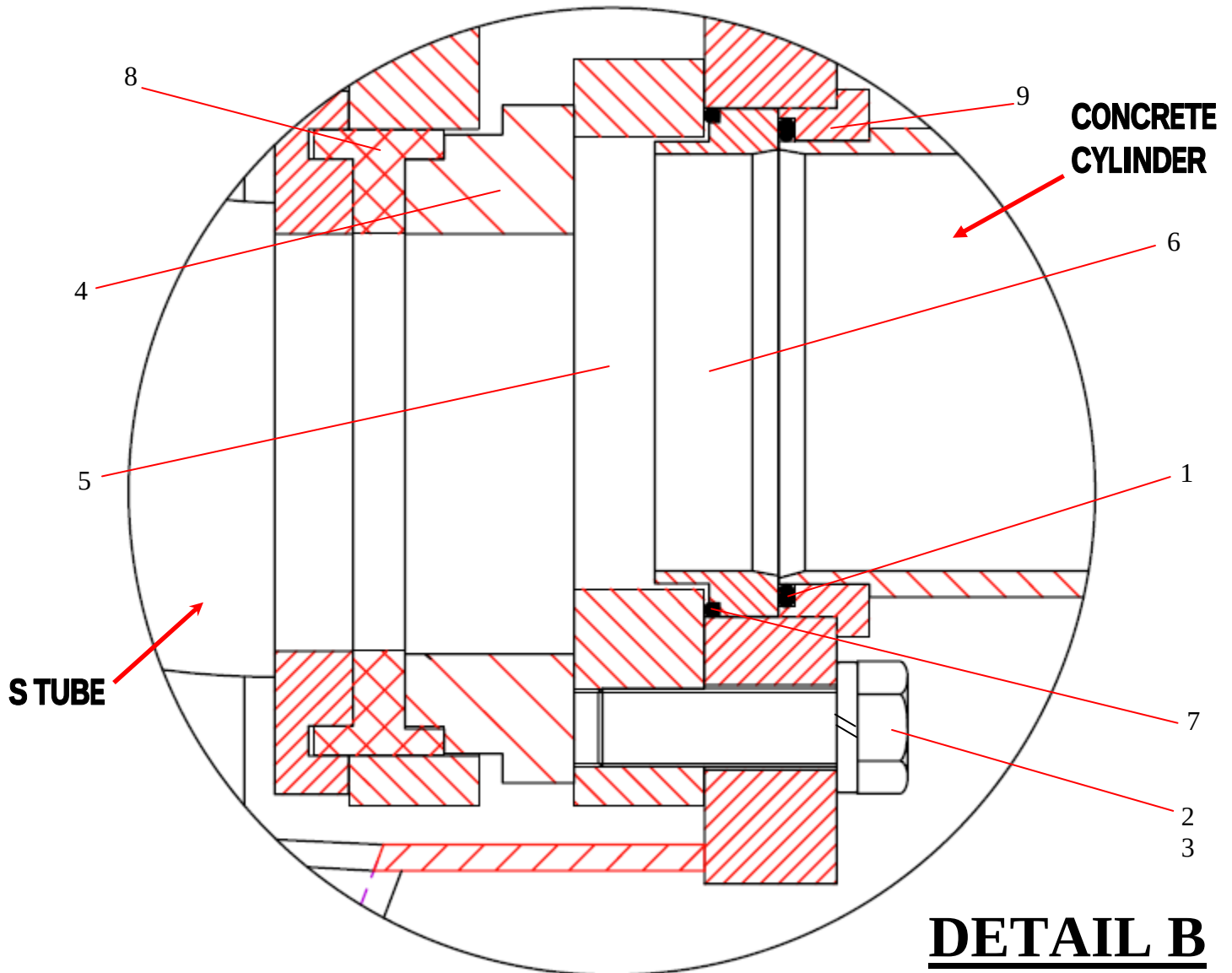
WATER PUMP



ID #	PART #	PART DESCRIPTION	QUANTITY	
	86200	WASH PUMP ASSY		EA
1	86196	WASH PUMP BASE WLDMNT	1	EA
2	86199	COVER, WASH PUMP	1	EA
3	78157	WASHPUMP-HYPRO	1	EA
4	78128	VALVE-P/RELIEF 3/4	1	EA
5	78152	MOTOR-HYD. WASH PUMP	1	EA
6	86397	VALVE-MANUAL-1 SPOOL-3 WAY	1	EA
7	85658-002	HOSE, 6M2T-6FJX-17.00	2	EA
8	85657-022	HOSE, 8M2T-10FJX-10FJX90S-11.25	1	EA
9	78153	COUPLING FOR WASH PUMP-MOTOR	1	EA
10	78154	COUPLING FOR WASH PUMP	1	EA
11	78155	SPIDER, FOR WASH PUMP	1	EA
12	10948	COUPLING-CAM/GROOVE 1.25" FEM. X MPT	1	EA
13	10947	COUPLING-CAM/GROOVE 1.25" FEM. X MPT	1	EA
14	800371	FITTING, GARDEN HOSE	1	EA
15	10228	TEE, 3/4"	2	EA
16	40047	NIPPLE-CLOSE PIPE 3/4"	4	EA
17	86398	BELL REDUCER-3/4 X 1 1/4	1	EA

OPTIONS

CARBIDE WEAR PARTS



ID #	PART #	PART DESCRIPTION	QUANTITY	
1	71249	O-RING, #347 BUENA 70	2	EA
2		FHCS, 3/4 - 10X 3 1/2" GR 8	4	EA
3		LOCK WASHER, 3/4"	4	EA
4	72384-1	WEAR RING, 4" DOUBLE LIP, CARBIDE	1	EA
5	71251-1	WEAR PLATE-CARBIDE 4"	1	EA
6	71254	ANTI CHIP RING, 4"	2	EA
7	71247	O-RING FOR CHIP RING	2	EA
8	72285	SEAL, DOUBLE LIP 4"	1	EA
9	71257	CONC, CYL. ADAPTER	2	EA