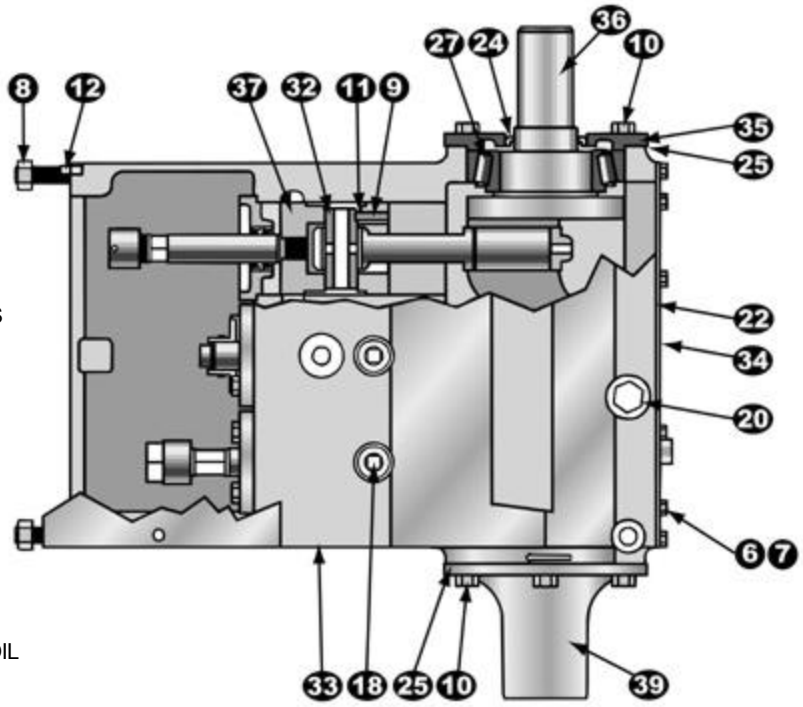
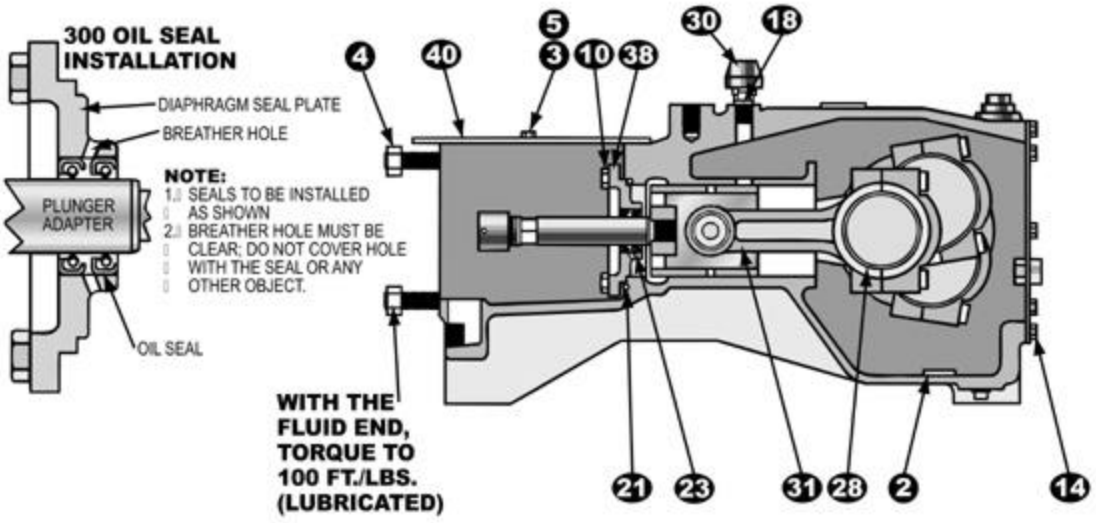
T-300

70-75510-002
Power End Parts
15 KPSI MAWP

ASSEMBLY INSTRUCTIONS

1. NOTE THE ORIENTATION OF ALL LUBE HOLES IN THE CONNECTING ROD/CROSSHEAD ASSEMBLY.
   A. THE CROSSHEAD LUBE HOLE IS INSTALLED ON TOP: THIS MATCHES WITH A DRILLED HOLE IN THE POWER FRAME BORE THAT LUBRICATES THE WRIST PIN.
   B. ALL CONNECTING RODS ARE INSTALLED WITH THE WRIST PIN LUBE HOLE ON TOP.
   C. THE IDENTIFICATION NUMBERS ON THE CONNECTING ROD AND CAP MUST BOTH BE ON THE TOP SIDE.
2. THE BEARING LUBRICATION HOLES MUST MATCH THE HOLES IN 80TH THE ROD AND CAP. THE LOCATION KEYS MUST MATCH THE GROOVES MILLED IN BOTH THE ROD AND CAP. THE BEARINGS MAY HAVE ADDITIONAL LUBE HOLES THAT MATCH THE OTHER CONNECTING ROD CONFIGURATIONS.
3. THE JOURNALS SHOULD BE LUBRICATED WITH A 70% MOLY-DISULFIDE GREASE.
4. TORQUE SHOULDER SCREWS TO 60 FT./LBS. LUBRICATED. TORQUE EVENLY AND ALTERNATELY.
5. FILL THE CRANKCASE NTH 2.5 U.S. GALLONS OF SPARTAN EP 150 OIL.
   A. OIL SELECTION IS BASED ON AMBIENT TEMPERATURES BETWEEN 32 - 120°F.
   B. FOR ALTERNATE OIL SPECIFICATIONS, SEE MANUAL.
6. KEEP ITEM #30 (CRANKCASE BREATHER) FREE OF DIRT OR PAINT CLOGGED BREATHER WILL CAUSE OIL TO LEAK FROM DIAPHRAGM SEAL.





70-75510-002 Power End Parts

T-300

15 KPSI MAWP

ITEM	PART NO.	QUAN.	DESCRIPTION:
2	70-02355	3	MAGNET
3	16-15014	2	WASHER, LOCK, 1/4"
4	16-15042	4	NUT, HEX, 3/4" - 10
5	16-15049	2	BOLT, HXHD, 1/4" - 20 x 3/4"
6	16-15063	18	WASHER, LOCK, 3/8"
7	16-15212	18	BOLT, HXHD, 3/8" - 16 x 3/4"
8	16-75207	4	STUD, 3/4" - 10 x 3-1/2"
9	16-75246	3	SCREW, SET, 3/8" - 16 x 1/2"
10	16-75658	18	BOLT, HXHD, 1/2" - 13 x 1-1/4"
11	16-75660	3	SCREW, SET, 3/8" - 16 x 5/8"
12	16-75661	2	PIN, DOWEL, 3/8" x "1
14	37-77081	1	GAUGE, FLOW LEVEL SIGHT, NON THREADED
18	19-32031	3	PLUG, 1/2" NPT
20	19-77014	1	PLUG, 1" NPT
21	22-33015	3	GASKET, DIAPHRAGM SEAL PLATE
22	22-33016	1	GASKET, CRANKCASE COVER
23	22-33028	6	SEAL, DIAPHRAGM PLATE OIL
24	22-75630	2	SEAL, CRANKSHAFT OIL
25	22-75712	2	SHIM SET, CRANKSHAFT
27	52-75107	2	BEARING, CRANKSHAFT
28	70-75116	3	BEARING, CONNECTING ROD
30	70-75515	1	BREATHER, CRANKCASE
31	70-75112	3	CONNECTING ROD ASSEMBLY
32	70-75119	3	PIN, CROSSHEAD
33	70-75501	1	POWERFRAME
34	70-75502	1	COVER, CRANKCASE
35	70-75503	1	SEAL END CAP
36	70-75504-002	1	CRANKSHAFT, T-300, SHORTENED
37	70-75505	3	CROSSHEAD
38	70-75507	3	PLATE, DIAPHRAGM SEAL
39	70-75503-001	1	CAP, SEAL END, BLIND
40	70-75512	1	COVER, WELL