CHANGING ROTATION ON ALL PERMCO DIRECT MOUNT DUMP PUMPS

1. PUT IN VICE CLAMPING ON SHAFT END COVER (4) AND TAKE OUT BOLTS
2. PULL OFF VALVE BODY (2)
3. MOVE PLUG (1) BEHIND IDLER GEAR IN VALVE BODY TO OTHER BORE (PLUG (1) MUST BE BEHIND IDLER GEAR)
4. ROTATE GEAR HOUSING (3) ON SHAFT END COVER 180 DEGREES
5. PUT VALVE BODY BACK ON 180 DEGREES FROM ORIGINAL ALIGNMENT (CHECK TO INSURE PLUG (1) IS BEHIND IDLER GEAR)
6. REPLACE WASHERS AND BOLTS AND TORQUE TO 200 FOOT POUNDS
7. FOR DMD300, DMR300, DMD400 AND DMR400 TORQUE TO 160 FOOT POUNDS

DMD-XX-X-X-XX-XX-XX

GEAR SIZE X-2 LINE (15, 20, 25) RIGHT HAND AS-AIR SHIFT RELIEF VALVE EXT. STUDS
Z-3 LINE W/SLEEVE L-LEFT HAND MS-MANUAL SHIFT 20-2000 PSI E4-ALL FOUR
ER-RIGHT SIDE EL-LEFT SIDE EB-BOTTOM TWO ET-TOP TWO