



T.I.P. Troubleshooting Information on Power Gear

VALVE BLOCK ASSEMBLY REPLACEMENT

PREPARATION:

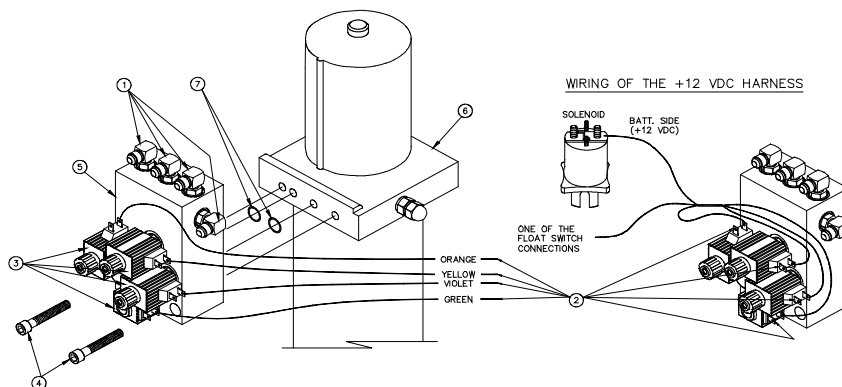
1. Collect the following items:
 - set of open end wrenches
 - set of allen wrenches
 - heavy grease

REMOVAL:

1. Fully retract the jacks. This should allow the all the pressure in the legs to vent back into the tank, and prevent any oil spray.
2. Remove the hoses (1) from the valve block. Be sure to mark which hose goes to which fitting.
3. Remove the eight wires (2) that go to the valve coils (3).
4. Remove the two bolts (4) that hold the valve block (5) to the pump/motor assembly (6).
5. Remove the valve block(5).
6. Wipe the surface, which the valve block mounts to, free of debris.

INSTALLATION:

1. Grease the surface on the motor/pump assembly, which the valve block mounts to. Also grease the O-ring spot-faces of the valve block's backside (5a). It is not possible to over grease.
2. Place the two new O-rings (7) in the spot-faces in the rear of the valve block.
3. Secure new valve block (5) to the pump (6) using the two new bolts (4). Make sure O-rings are not pinched. Torque the bolts to approximately 30 ft-lbs.
4. Hook up the wires:
 - red (4 of them).....one per valve coil
 - violet.....front valve coil (S1)
 - yellow.....road side rear valve coil (S2)
 - orange.....curb side rear valve coil (S3)
 - green.....dump valve coil (S4)





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