# Pump Reservoir Replacement for Horizontal Assemblies

## Introduction

This instruction manual describes the oil tank replacement procedure for service kits P/N 800036S, 800037S, 800038S, and 1010001396.

## Power Unit Removal

- Retract all jacks.
- Drain oil from tank by first removing the fill plug, and then removing the drain plug.
- Remove pump mounthing bolt.

## Tank Removal

- Remove float switch by first removing nut and washer. Then push the float switch into the tank to loosen grommet. **Use caution so that the float switch does not drop into the tank.** Remove grommet from tank. Carefully pull float switch out of the tank. Disconnect the float switch from harness wiring.
- Unscrew the 4 screws, which secure the tank to the rest of the pump/motor assembly.
- Remove part number sticker from tank and keep it with your warranty forms.

## O-ring Replacement

- Remove the old o-ring that seals the tank between the tank and the motor/pump assembly.
- Apply lubrication on the new o-ring and place it on the motor/pump assembly.

## Tank Replacement

- Install new tank.
- Torque screw with 15 IN-LBS.

## Float Switch Installation

- While holding float switch wires securely, push float switch through hole in tank. **Use caution so that the float switch does not drop into the tank.**
- Place grommet into the tank float switch hole such that the tank wall fits into the grommet groove. Grommet should rotate easily in hole.
- Gently pull and wiggle wires to bring the thread of the fluid sensor body out of the tank through the grommet hole.
- While gently pulling on the wires, move the washer and nut onto the threads and tighten the nut until snug.
- Locate the wrench flats on the fluid sensor and rotate the fluid sensor until the rib is loacted down at the 6 o'clock position. (See decal on tank)
- Hold fluid sensor in the 6 o'clock position with the 3/8" open end wrench and torque nut to 15 to 20 inch-pounds. (Approximately 1 1/4 to 1 1/2 turns)
- Connect wires to wire harness "BROWN" and "RED" leads, if necessary, use adapter for spade connectors and grease spade connections.

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## Oil Fill Procedure

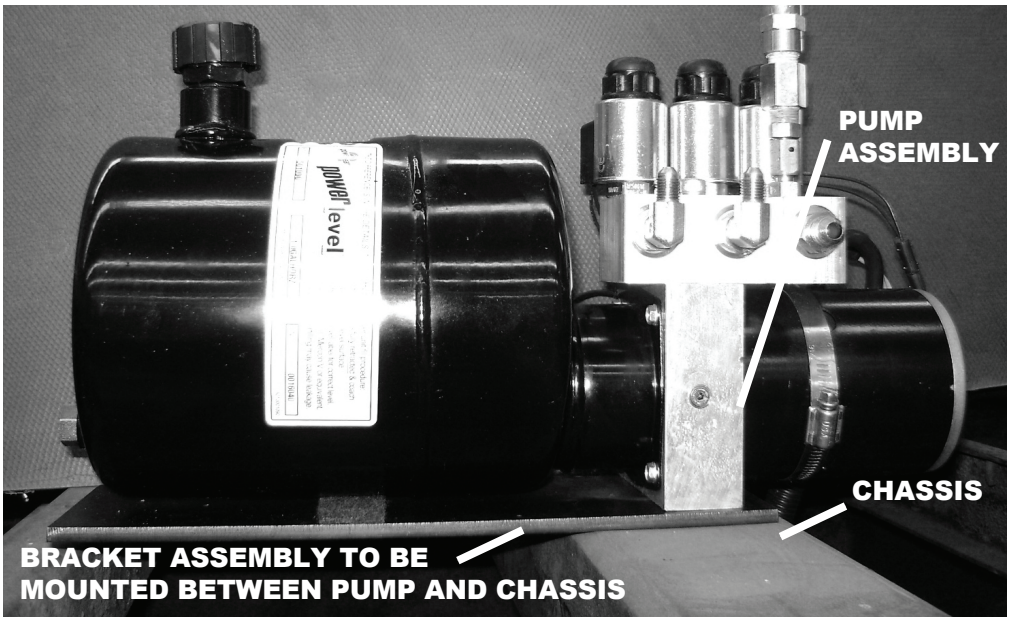
In most application, Type A automatic transmission fliud (ATF, Dexron III, etc.) will work satisfactorily. If operating in cold temperatures (less than -10° F) the jacks may extend and retract slowly. For cold weather operation, fluid specially-formulated for low temperatures may be desirable. Mobil DTE 11M, Texaco Rando HDZ-15HVI, Kendall Hyden Glacial Blu, or any Mil. Spec. H5606 hydraulic fluids are recommended for cold weather operation. Mercon V is also recommended as an alternative fluid for Power Gear leveling systems. Please consult factory before using any other fluids.

1. Fill pump to rim of fill port hole until just before oil starts to dribble out.
2. Cycle front legs to **fully extended position**, then retact fully. Check fluid in reservoir, and as needed.
3. Cycle rear legs to **fully extended position**, then retact fully.
4. Refill reservoir per step 1.
5. **Repeat steps 2, 3, and 4 in order; a minimum of 3 times.**
6. Extend front and rear legs.
7. While pressing on the brake pedal to prevent coach movement, trip emergency brake, verify system alarms properly, alarm ceases when brake is reset and/or alarm ceases when legs are retracted.
8. Extend front and rear legs.
9. While pressing on the brake pedal to prevent coach movement, remove transmission from “park” (if applicable). Verify system alarms properly, alarm ceases when transmission ir reset to “park”, verify system resets when transmission is reset to neutral, and verify alarm ceases when legs have fully retracted.
10. If alarm does not cease during steps 7 or 9, when legs are fully retracted, check liquid level and fill per step 1, if necessary.
11. Prior to road test, level coach and repeat steps 7-9. After road test, level coach and repeat steps 7-9.
12. After road test, level coach and repeat steps 7-9.

***NOTE: All jacks should be cycled at least 5 times during this procedure.***

## Power Unit Remounting

• Bolt together Power Unit ASM on top of bracket reservoir ASM (P/N 101001637) using 3/8 bolts that are 1/4” longer than current blots. 3/8 bolt not supplied.

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