
INSTRUCTION SHEET

3500PSI SWITCH INSTALLATION INSTRUCTIONS

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IMPORTANT: INSTALLATION OF A 3500PSI SYSTEM PRESSURE SWITCH SHOULD ONLY BE DONE AT THE DIRECTION OF HWH CORPORATION OR THE VEHICLE MANUFACTURER.

Note: When installing a 3500psi pressure switch, the pump pressure must be increased. This is explained in these instructions. A 5000psi pressure gauge will be needed to accomplish this. HWH can supply a gauge if needed.

ORDERING AND IDENTIFYING THE SYSTEM PRESSURE SWITCH

The part number for the 3500psi switch is AP47622. The number RAP92740 should be used to order the switch. The AP47622 will replace the AP8921 3000psi system pressure switch. This switch is normally located on a Tee fitting on the top of the leveling system manifold. The other side of the Tee has a U shaped tube attached that goes to the shuttle valve. It is important to note the system pressure switch may be mounted in a different location of the manifold. The 3000psi system pressure switch may be identified by the part tag on the pressure switch wire labeled "AP8921 - 3000psi" or by the harness wire connected to the switch. This wire is labeled "3000 LB PRESSURE SWITCH" and will be numbered "8100".

SWITCH REPLACEMENT AND PUMP PRESSURE INCREASE

1. The jacks should be retracted before replacing the pressure switch. Any HWH rooms may be extended or retracted.
 2. Unplug the existing system pressure switch. Clean around the switch and remove. A ¾ inch open end wrench will be needed.
 3. Apply two (2) wraps of Teflon tape to the manifold fitting. Make sure to wrap the tape onto the fitting in a clockwise direction. Keep the tape away from the open end of the fitting.
 4. Screw the new 3500psi switch onto the fitting and tighten. Plug the switch in.
 5. Remove the U shaped tube from the manifold fitting, NOT the shuttle valve fitting. Fasten a 5000psi pressure gauge to the manifold fitting.
 6. Loosen the jam nut for the pump adjustable relief valve.
 7. Use a set of small jumper wires to turn the master relay on and run the pump or have someone push any "UP" arrow on the "MANUAL" side of the leveling system touch panel. If the touch panel is used, the ignition must be in the "ACC." position and the park brake must be set.
- Note: Instruction sheet MI95.74 explains how to run the pump using jumper wires. This sheet is available at www.hwh.com <<http://www.hwh.com>> . The sheet is located under "Customer Support & Technical Service" then "Information Bulletins & Instruction Sheets" (Hydraulic Power Unit Information).**
8. While the pump is running, turn the relief valve set screw clockwise until the pressure gauge shows a minimum of 3800psi to a maximum of 4000psi. There may be a small amount of leakage at the relief valve while adjusting the pump pressure.
 9. Tighten the relief valve jam nut and recheck the pump pressure. Readjust if necessary.
 10. Clean and check for any leakage at the relief valve. If there is leakage, contact HWH Corporation technical service.
 11. Move the vehicle to an out of level location and check the automatic operation of the leveling system. If the system shows "EXCESS SLOPE", measure the jacks used for leveling to make sure they are fully extended. If the jacks are not fully extended, contact HWH Corporation technical service for assistance.

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