

INSTALLATION INSTRUCTIONS

Water Sensor #7115111 Replacement Instructions:

Model Number: DXPW3425E DeWalt Water Sense / #61110

Procedure:

Tools Needed: 7mm socket and driver, 2mm hex key wrench, 10mm hex key wrench, 22mm wrench, torque wrench

Required Parts: flow switch 7115111

Replacement Parts (if needed): inlet screen 7000123

Removing the old water sensor:

1. Unplug the red water sensor power wires from black engine wires (Figure 1).
2. Use a 7mm socket to remove the water sensor ground wire from the engine (Figure 2).
3. Gently pull out the water inlet screen (Figure 3).
4. Use a 10mm hex wrench to remove the inlet fitting (Figure 4).
5. Use a 2mm hex wrench to remove the set screws on the bad water sensor (Figure 5).
6. Slide the water sensor off the water sense inlet tube. (Figure 6).
7. Use a 22mm wrench to unscrew the brass nut and remove the old water sense inlet tube (Figure 7).

Installing the new water sensor:

1. Install the new the water sense inlet tube assembly then use a 22mm wrench to tighten the brass nut (Figure 7).
2. Read the NOTICE on page 3, observe the contact inside the sensor (Figure 8), make sure the set screws do not stick out past the inside of the sensor (Figure 9), then hold the sensor upright and level and slide it onto the inlet tube making sure not to twist the sensor while it is on the inlet tube (Figure 10).
3. Hold the sensor in place while using a 2mm hex wrench to tighten the set screws to five inch pounds (Figure 5).
4. Use a 10mm hex wrench to install the inlet fitting (Figure 4).
5. Install the water inlet screen (Figure 3).
6. Use a 7mm socket to install the water sensor ground wire (Figure 2).
7. Plug in the red water sensor power wires (Figure 1).

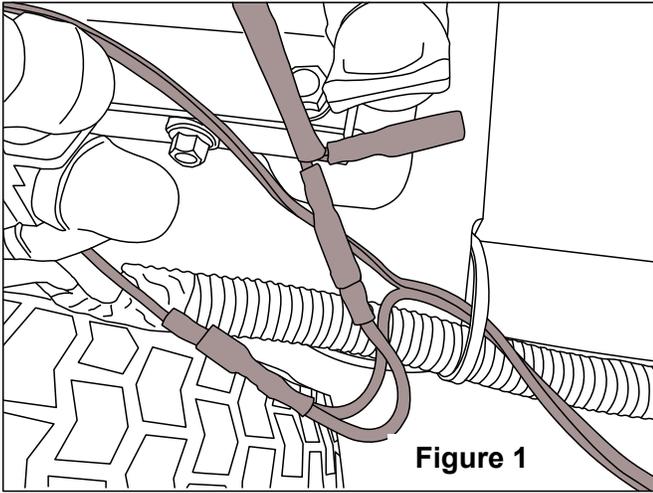


Figure 1



Figure 2

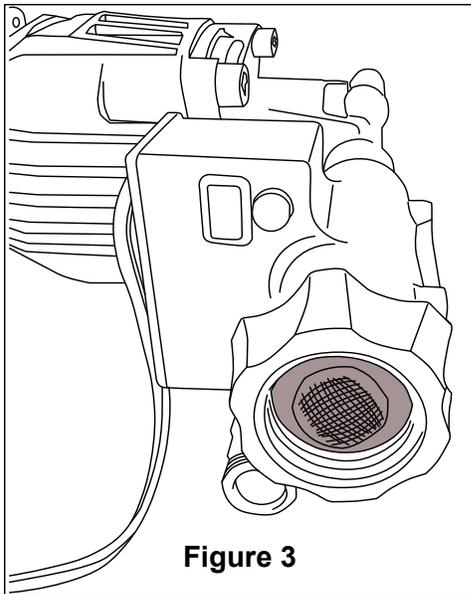


Figure 3

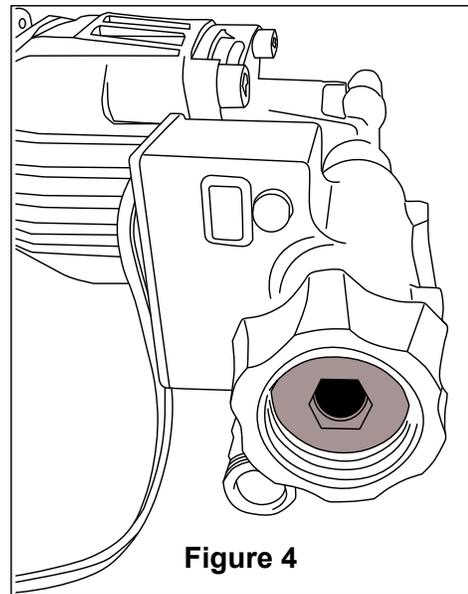


Figure 4

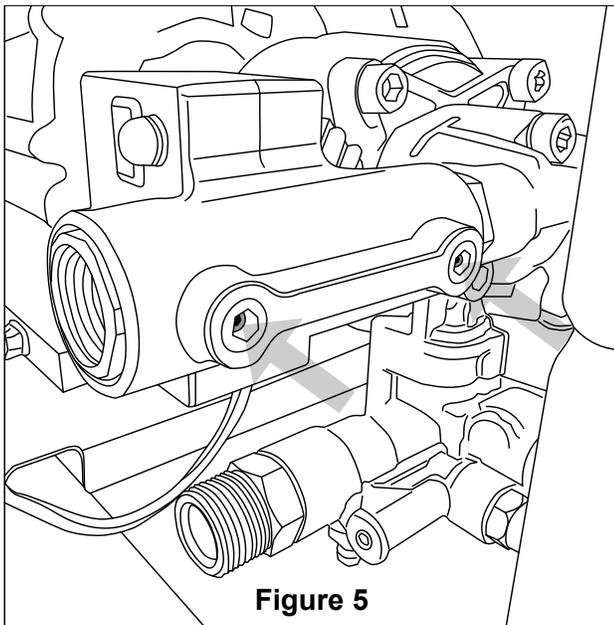


Figure 5

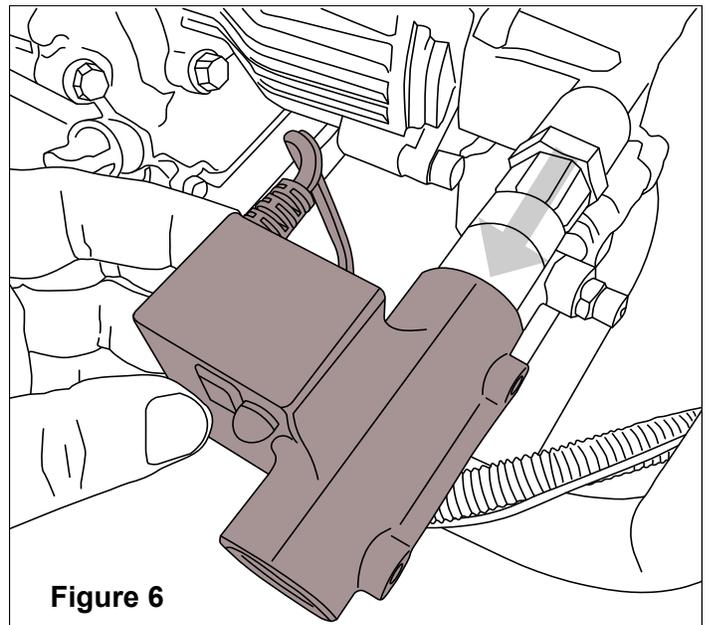


Figure 6

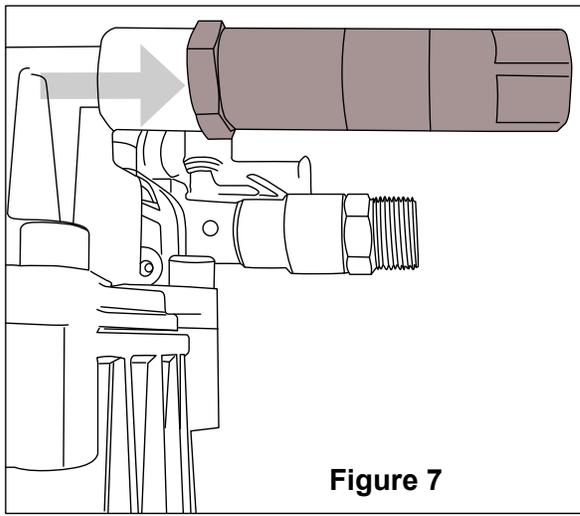


Figure 7

! NOTICE: !

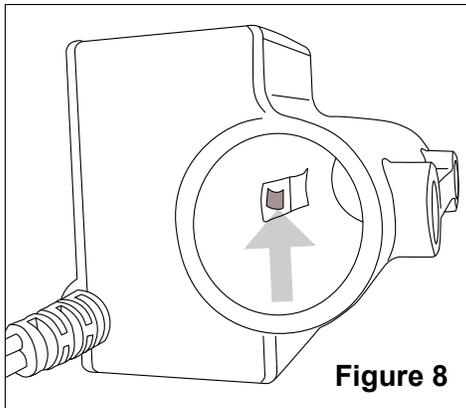


Figure 8

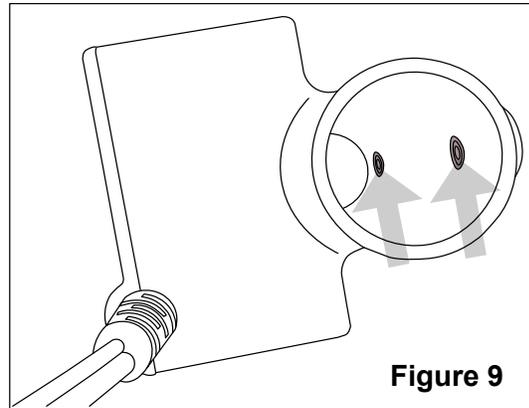


Figure 9

The contact (Figure 8) and the set screws (Figure 9) located inside the water sensor can damage the foil contact strip on the inlet tube if the sensor is twisted or rotated during installation. To avoid damaging the inlet tube during installation, make sure the set screws do not stick out inside of the sensor body, hold the sensor upright and level then slide it straight onto the inlet tube. **DO NOT** rotate the sensor while sliding it onto the inlet tube.

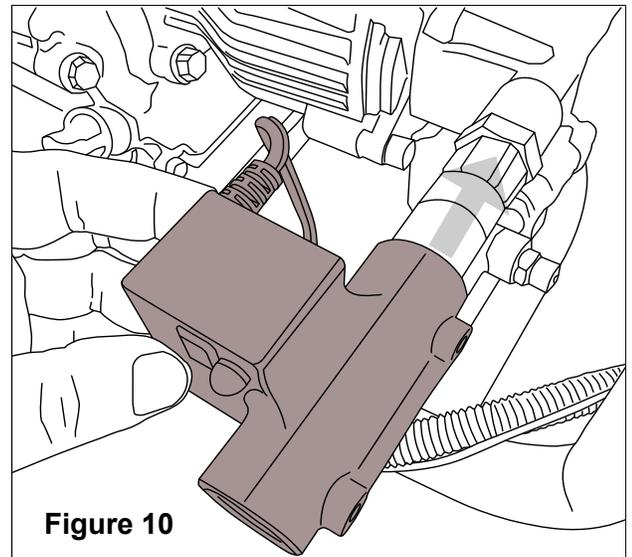


Figure 10