Diver6 Tank Pressure Sensor Installation

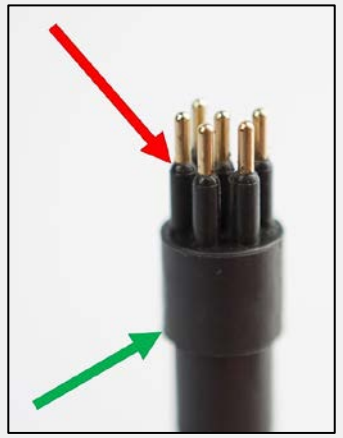
For more information, see the Diver6 User Manual

Scuba Tank Setup

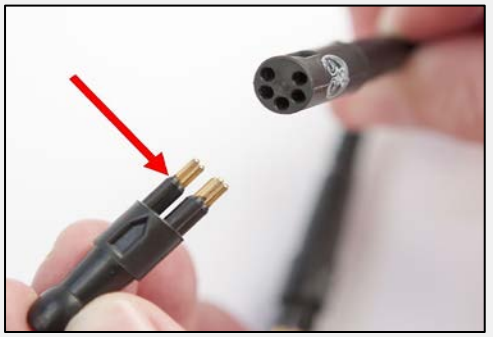
1. Mount sensor to tank using a strap.
2. Install the air pressure hose into the high-pressure port on the first stage of the regulator.
3. Verify the air spool is installed in the hose.
4. Connect the air pressure hose to the tank sensor and tighten to “finger tight.” DO NOT USE A WRENCH.

Connect to Diver Modem

1. Lightly grease the rubber shoulders as indicated by the **RED** arrows. ***Grease all the pins on various cables and connections.**
2. Insert the Diver6 Interface Cable (male end) into the Diver6 bulkhead connector of the diver modem.
3. Secure the cable by finger-tightening the locking sleeve of the interface cable to the bulkhead connector. Prior to installation, lightly grease the plug’s rear shoulder, as indicated by the **GREEN** arrow.
4. Connect the interface cable to the tank pressure cable and secure with a DiveCAN® locking sleeve.
5. Make sure to insert the dummy plug in the unused DiveCAN® connector on the pressure sensor as indicated below.



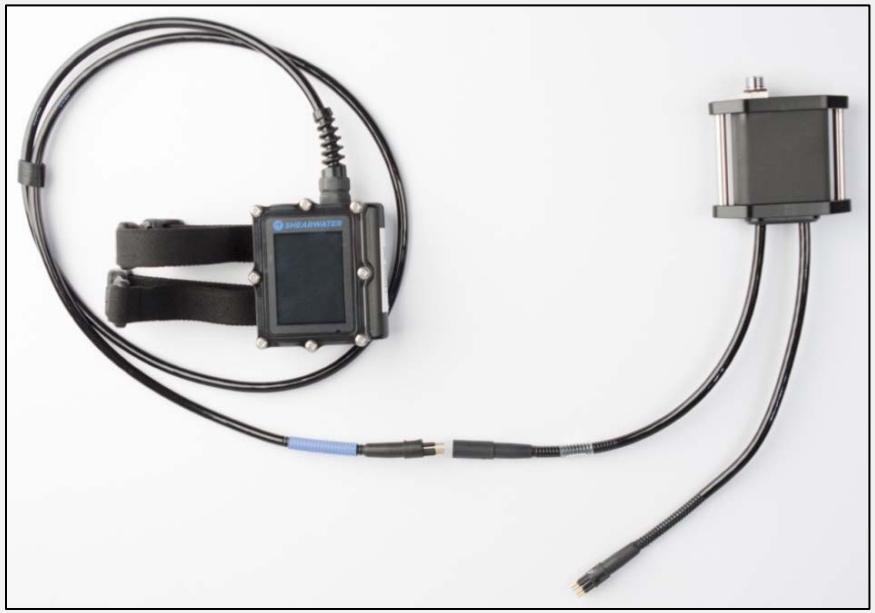
***A tube of Dow Corning #4 Grease is provided in the Tools & Spares Kit of the Diver6 System for this purpose.**



Connect Tank Pressure Sensor to Another Shearwater® Device

The tank pressure sensor has the ability to connect to a Shearwater® NERD or Petrel, providing those units the ability to display tank pressure.

1. Remove the dummy plug from the DiveCAN® cable on the tank pressure sensor.
2. Connect the DiveCAN® female cable of the tank pressure sensor to the DiveCAN® male cable of the other device (NERD or Petrel).
3. Secure the connection with a DiveCAN® locking sleeve.



DiveCAN® Locking Sleeve Installation

The locking sleeve provides extra protection for the cable connection ensuring that the cables do not separate.

1. Install an O-Ring on to both the male cable and the female cable.
2. Slip the locking sleeve over the connection.
3. Secure with the two O-Rings.