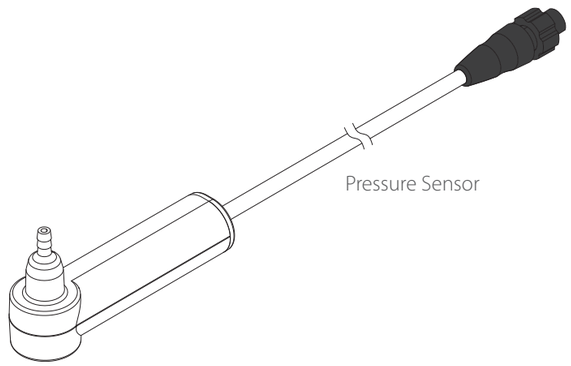
LOWRANCE
SIMRAD
B&G

Pressure Sensor

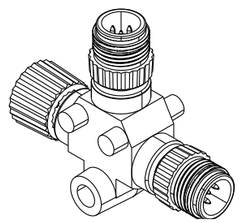
Installation Guide

988-10926-001

What's in the box

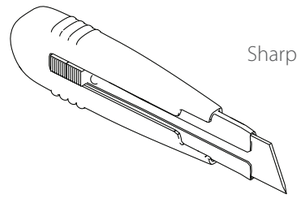


Pressure Sensor

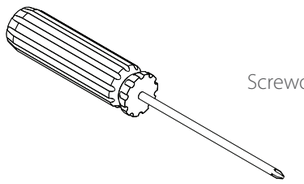


NMEA 2000 T-Joiner

Tools required

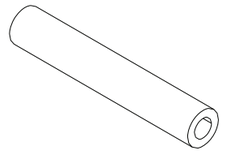


Sharp knife for cutting hoses

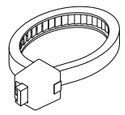


Screwdriver

Other parts required



6 mm diameter (0.25") hose

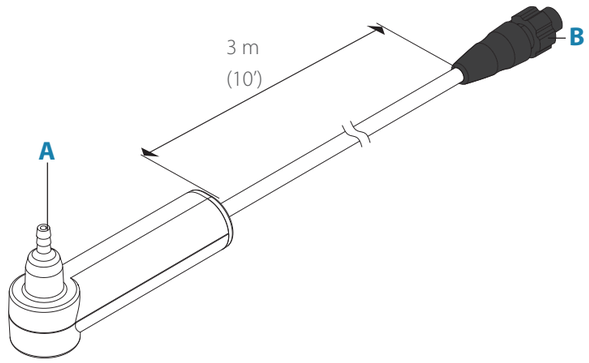


Cable ties for securing hose to barb

Overview

The Pressure Sensor can provide pressure data for the following categories: Engine Boost Pressure, Engine Oil Pressure, Engine Water Pressure, Transmission Oil Pressure and Pitot Speed.

⚠ ***You should read all of the installation instructions before proceeding. Decide where to install all components before drilling any holes in your vessel.***



A Hose Barb
B NMEA 2000 connector

Water Speed Configuration

We recommend installing the Pressure Sensor near the boat's original speedometer.

If your engine does not have a speedometer hose, you will have to purchase a pitot tube kit to use the Pressure sensor. For pitot tube installation instructions, refer to your pitot tube installation manual.

The hose barb end requires a 6 mm (0.25") hose.

⚠ ***The maximum pressure for the Pressure Sensor is 100 PSI (689 kPa). If that pressure level is exceeded you not only risk damaging the sensor, but could also suffer bodily injury.***

To install the Pressure sensor to measure other data please slide the pressure hose from the desired data source (Engine Boost, Oil Pressure, etc) on to the hose barb, attaching with a cable tie or hose clamp at the base of the barb.

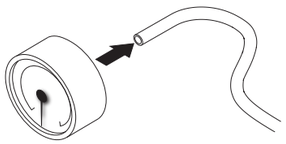
NOTE Make sure that the pressure hose has enough slack so it can properly reach the sensor.

Install the Water Pressure Sensor

Installation for water speed pressure

Remove the pressure hose from the boat's speedometer (1). Clean cut the end of the pressure hose that was connected to the speedometer (2). This will help ensure that the pressure hose will fit snugly on the Pressure Sensor hose barb. Slide the pressure hose onto the sensor barb (3). If it does not fit snugly, secure it with a cable tie at the base of the hose barb.

1



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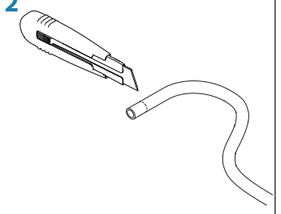

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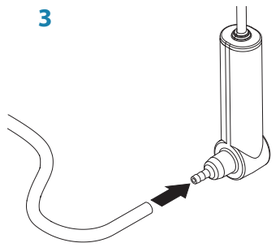
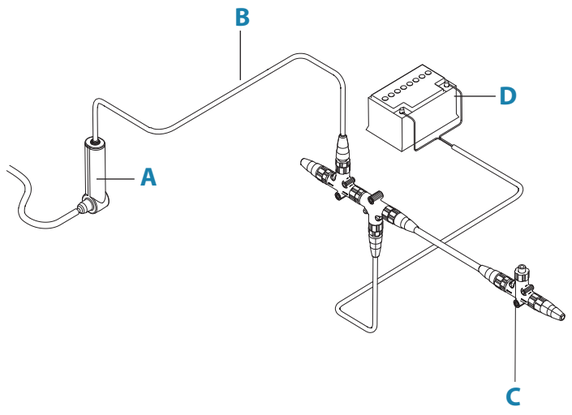


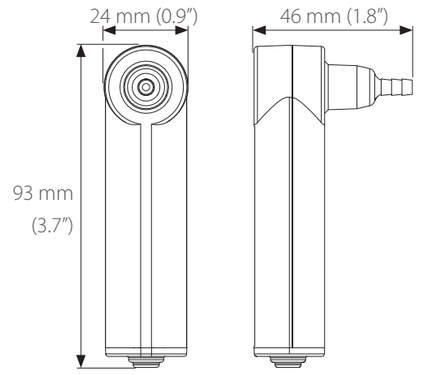
Now you are ready to remove the speedometer. Refer to the speedometer's installation manual for removal instructions.

Connect the Pressure Sensor to the network



A Pressure Sensor
B NMEA 2000 drop cable 3m (10 ft)
C NMEA 2000 CAN bus backbone
D 12 V DC Power supply. Connect via a switch and 5 amp fuse

Dimensions



Specifications

Pressure Range between 0 and 100 PSI.

PGNs transmitted

59392 – ISO Acknowledgment
60928 – ISO Address Claim
126996 – Product Information
127488 - Engine Parameters, Rapid Update
127489 - Engine Parameters, Dynamic
127493 - Transmission Parameters, Dynamic
128259 - Speed, Water Referenced