

PROSPORT REMOTE OIL SENDER INSTALLATION KIT (P/N PS-ROPKIT) INSTRUCTIONS

The Prosport remote oil sender kit can be use with most oil pressure/temperature senders. A clamp is supplied for use with senders having a body diameter of 1-1/2". The sender must have a male 1/8" NPT male thread on the end or you will need an adaptor (contact Prosport). This kit is designed for use in Subaru WRX from 2002 and newer.

Please check the kit and be sure it contains the following items:

- 1 High Pressure Oil line (stainless steel braided covering) with 90 degree elbow fitting on one end.
- 1 Brass Galley Plug Adaptor w/brass washer. Thread sealant is already applied.
- 1 1-1/2" Clamp with black rubber cover.
- 1 set of mounting hardware (bolt,nut,flat washer,lock washer)

Tools required for installation:

Removal of Old Galley Plug 5/16" Allen wrench mounted in a socket wrench with 12" long extension.

1/2" – 18mm open end wrench to remove oil pressure sender. Prosport senders are 18mm. Most others are 1/2" to 3/4".

17mm socket for installation of new galley plug adaptor

Braided High Pressure hose fitting – 7/16" open end wrench

90 degree elbow – 9/16" open end wrench

Torque Wrench

Hardware (nut & bolt) – 10mm wrench or socket

Liquid Thread sealant (do not use Teflon tape as it tends to shred and pieces can enter the oil system).

Before beginning installation, please note that it is easier to access the galley plug and sender with the intercooler removed but it is a time consuming project and not really necessary for installation of the remote oil pressure sender kit.

Step 1 – Locate and remove the galley plug using the 5/16” Allen wrench mounted in a 12” socket extension. The galley plug can be found on the left side of turbo outlet and directly behind the throttle linkage.

Step 2 – Install the new galley plug adaptor and brass washer using the 17mm socket. The threads already have sealant applied. Torque to 18-28 ft. lbs.

WARNING! DO NOT OVER TIGHTEN!

Step 3 – Apply liquid thread sealant to the ends of the braided high pressure hose. Install and tighten the 90 degree elbow fitting on one end of the hose and then install and tighten your sender in the 90 degree elbow adaptor. **WARNING! DO NOT OVER TIGHTEN!**

Step 4 – Install the other end of the braided high pressure hose into the galley plug adaptor. **WARNING! DO NOT OVER TIGHTEN!**

Step 5 – Place supplied clamp around the body of the sender. Locate a convenient place to bolt it down such as the firewall or strut tower. Do not over bend the hose which result in kinks. This will choke off the oil supply to the sender. Use the supplied zip tie to keep the hose away from the engine, throttle linkage, hoses etc.

Installation is now complete. Don't forget to attach your sender electrical connections and check all connections for oil leaks after starting the engine.

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