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1. Oil Filter Sandwich Plate Assembly

- a) **Install the sensors into any of the NPT port** that provides proper clearance when installed in the vehicle, shown in **Figure 1a**. Check fitment of plate and sensor in the vehicle before next step.
- b) **Torque sensor to manufacturers spec.**
- c) **Oil pressure and oil temperate sensor shown installed for example in Figure 1a.**
- d) **Plug the remaining open ports with the provided 1/8-27 NPT ports.** Use oil resistant thread sealant on the plugs. **Torque the plugs to 7 in-lbs.**

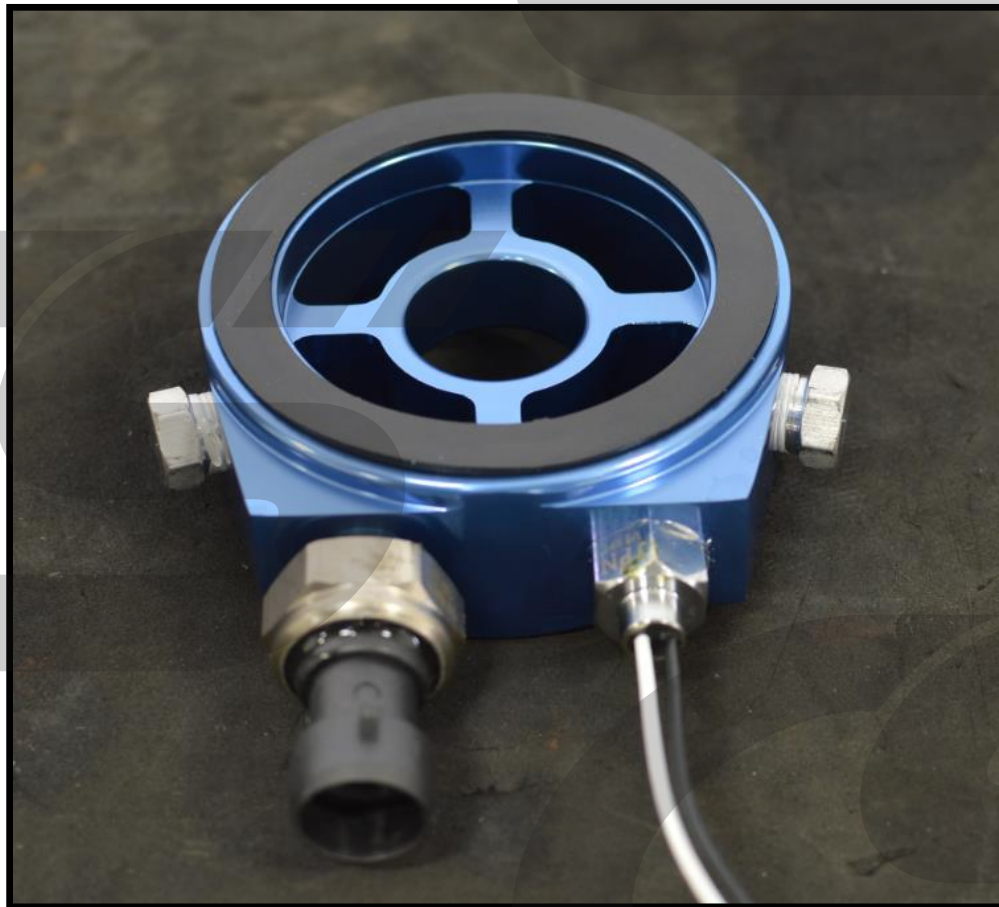


Figure 1a

2. Oil Filter Sandwich Plate Installation

- a) **Remove the oil filter** and allow the housing to drain into a pan for a couple minutes.
- b) **Clean the oil filter housing** with a clean rag and brake clean spray. Shown in **Figure 2a**.
- c) **Apply a thin layer of new oil to the rubber seal on the oil filter plate.**
- d) **Apply red locktight to the threads of the oil filter housing.** **Red arrow in Figure 2a.**
- e) **Install the oil filter plate** with the rubber seal facing up as shown in Figure 2b.
- f) **Orientate the sensor into their correct location.** Use a 26mm to **torque the thread adapter to 12-14 ft-lbs.**
- g) **Reinstall your oil filter or a new filter following manufacturer's instructions.**
- h) **Start car and check for leaks.**
- i) **Check oil level and add accordingly.**

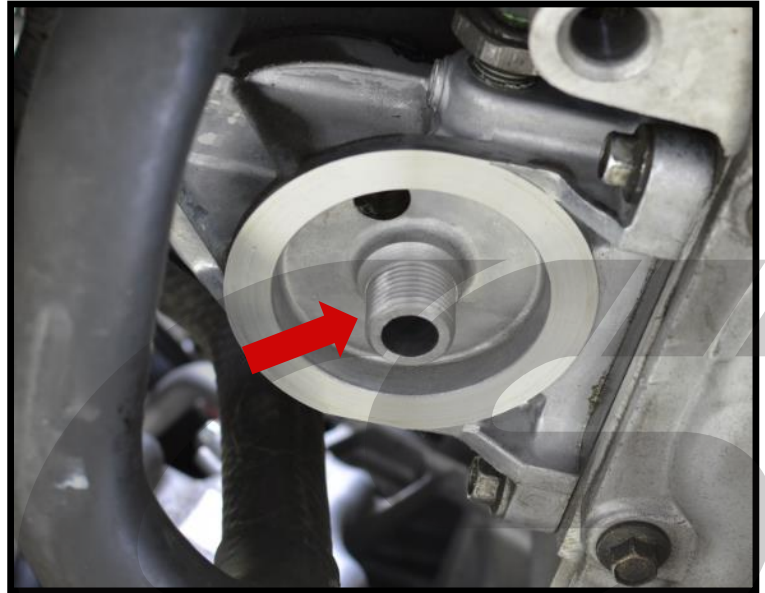


Figure 2a



Figure 2b

What's Next:

CORKSPORT Mazdaspeed Boost Control Solenoid

Take control of your boost and performance with the **CorkSport Mazdaspeed Electronic Boost Control Solenoid (EBCS)**. Utilizing the latest technology in solenoid controlled air valves, the CorkSport EBCS outflows and out responds the competition. It builds boost faster and minimizes boost spikes and creep. The CorkSport replacement EBCS features a 3-port design that has the flexibility to control all boost control setups, such as bleed and interrupt for internal wastegates and interrupt or push-pull for external wastegates.



CORKSPORT 3" Power Series intake System

Dramatically reduce intake restrictions and get an impressive improvement in power throughout the entire RPM range with the **CorkSport Mazdaspeed 3 Power Series 3" Intake System**.

The Power Series 3" Intake System is fabricated with a high polished 3 inch turbo inlet pipe and a true 3" inside diameter MAF housing. The velocity stack design smooth's air flow for maximum performance. If you plan on upgrading or have already upgraded your turbo this upgrade is a must to keep your MAF sensor functioning within its calibrated range.



CORKSPORT Oil P., Oil T. & Boost P. Gauges

Keep an eye on your engine parameters with the **CorkSport Oil Pressure, Oil Temperature, and Boost Pressure gauges**. The gauges have a 2% accuracy with Peak Recall, Limit Alarms, and Multi Color Display Features to customize for your specific vehicle.

