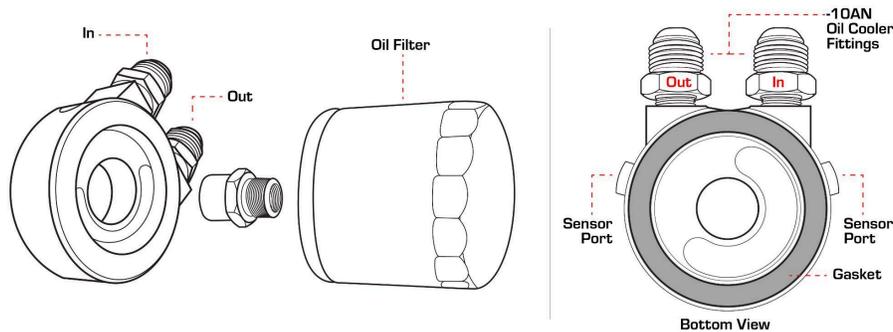


## Oil Cooler Sandwich Adapter



1. (Optional) Raise the vehicle using a jack and support it using jack stands.
2. Drain the engine oil by removing the oil pan drain plug using a wrench. Once the engine oil has been drained, reinstall the drain plug.
3. Remove your vehicle's oil filter and make sure there is enough clearance for the oil cooler sandwich adapter.
  - It may be necessary to adjust some of the wire harnesses in this location in order for the sandwich adapter to fit.
4. Install your oil cooler lines directly to the ports on the sandwich adapter using the supplied AN-10 fittings. The port that connects to the opening in the adapter on the gasket side is the inlet of the cooler (Hot Side). The port that connects to the opening in the adapter on the smooth side where the filter will seal is the outlet of the cooler (Cold Side).
5. Install your gauge's temperature or pressure sensors to one of the 1/8<sup>th</sup> NPT ports located on the adapter. Install all necessary oil feed lines or any other sensors at this time.
  - Be sure to have the sensor on the correct hot side or cold side of the adapter.
  - If you are only installing (1) sensor, use the provided plugs to plug the other open ports.
  - Be sure to use Teflon tape on all sensor and port plugs to ensure no leaks will occur.
6. Install your GlowShift Oil Cooler Sandwich Adapter to the threads where your oil filter is usually mounted. Be sure to use a small amount of oil on the new O-Ring of the Oil Cooler Sandwich Adapter for lubrication.
  - Do not over-tighten. If the cooler adapter is over-tightened the gasket that seals it could tear and result in oil leaks. It should be a little more than hand-tight, similar to an oil filter.
7. Install a new oil filter to the threads on the sandwich plate adapter. Be sure to use a small amount of oil on the O-Ring of the new oil filter for lubrication.
8. Fill the engine with the required amount of engine oil as per manufacturer specifications.
9. Once your sandwich adapter is installed with your sensors attached, finish installing the rest of your gauge as per the included instructions.
10. Start the engine and check the cooler sandwich adapter and oil filter for any leaks.

All GlowShift Products are subject to the GlowShift Limited Warranty. Please visit [www.glowshiftdirect.com/warranty-policies](http://www.glowshiftdirect.com/warranty-policies) to review complete Warranty, Terms and Conditions.