



Remote-Mount Oil/Fluid Cooler with Fan

INSTALLATION INSTRUCTIONS

Part No. 69572-13

INTRODUCTION:

The PROFORM® Tundra Series Universal Remote-Mount Fluid Cooler is designed to assist in cooling automatic transmission fluid or engine oil during high-speed driving, towing heavy loads, in cars/trucks/recreational vehicles. This cooler is designed to help prevent excessive overheating, which can lead to fluid breakdown. To successfully install this cooler, a minimum mechanical ability and knowledge of hand tools are necessary. We recommend you read these instructions first to familiarize yourself with the parts and procedures.

Product Details

This kit contains an aluminum cooler with a mounted electric fan, a thread-in temperature probe, and a weather-tight connector. The inlet-outlet fittings are -10AN (7/8"-14). The electric fan is designed to pull (not push) air through the cooler. At the end of the installation, this is the way to make sure the fan is wired correctly. Lastly, there is a thread-in thermostatic probe with the following properties: Fan ON- ~175°F; Fan OFF- ~140°F

INSTALLATION

Clearance requirements for optimal performance: The remote mount cooler must be installed so it is at least 1" away from the radiator fan, 1/8" away from the radiator, 2" away from the hood, wheel well or firewall, and 6" away from anything exhaust related. **ALWAYS WEAR SAFETY GLASSES WHEN WORKING ON YOUR VEHICLE.**
Remove the (+) lead on your battery before starting.

STEP 1. Decide on the best mounting position for your cooler; see Figure 1 for mounting positions. Using the correct mounting position is critical for the thermostatic probe to turn on and off correctly. If there is a lot of airflow in the area around the thermostatic probe, it may need to be insulated to prevent inaccurate temperature detection. Do not mount the cooler to the chassis or frame rails that may flex during vehicle operation. This may result in leaks or cooler failure. Rubber isolation mounts are recommended.

CAUTION: to avoid damaging the oil cooler and possibly voiding its warranty, use a back-up wrench around the inlet/outlet ports on the cooler when tightening hose fittings. Excessive torque applied to the cooler without the use of a back-up wrench will create cracks and leaks in the connections of the cooler. Also, before installing the fittings into the cooler ports, be certain to use an intermediate lubricant material between the threads such as liquid Teflon, anti-seize compound, or Teflon tape. Installing aluminum fittings into the cooler ports without any lubricant material will damage the threads of the cooler and the fittings.

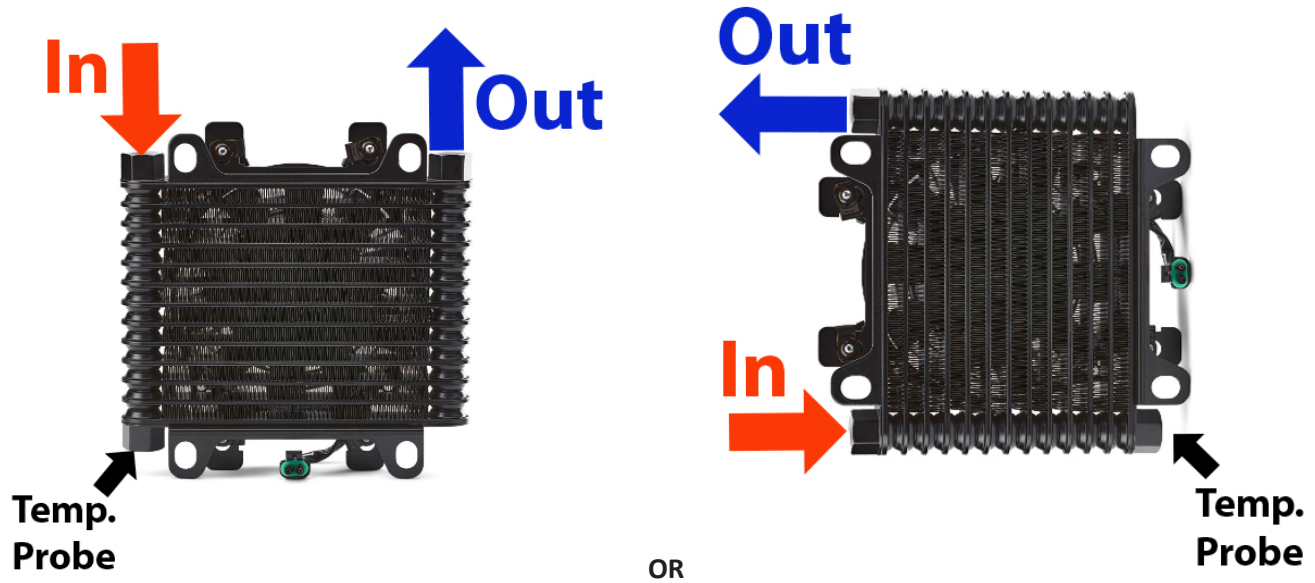


Figure 1

STEP 2. Wire the system according to Figure 2. You will need to supply your own 15 amp fuse. After wiring, connect (+) lead on the vehicle battery to ensure the fan is running the correct direction and pulling air through the cooler.

**PROFORM
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Wiring Diagram**

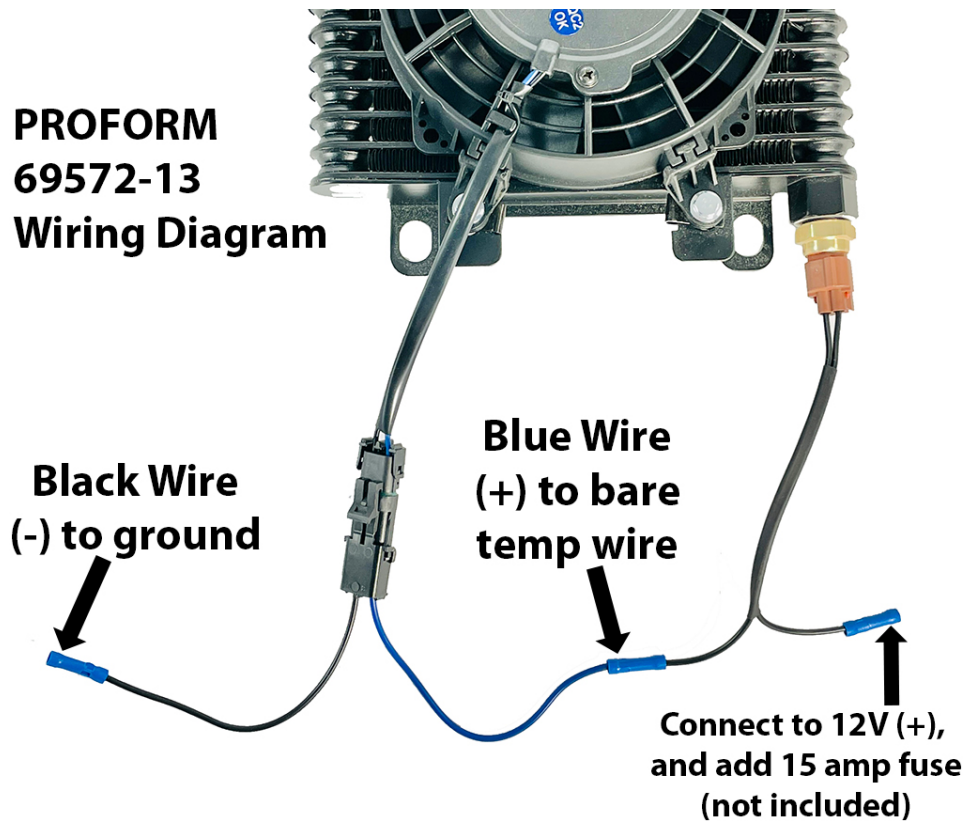


Figure 2

STEP 3. After installation, check oil/fluid levels and fill as necessary.

- *For engine oil*, start the engine and allow the vehicle to idle for a few minutes. Turn the engine off and then after a few minutes, check the oil level again and fill as required but do not overfill as this will cause foaming.
- *For automatic transmission oil*, apply the parking brake, start the engine, and place the shifter in the neutral position. The automatic transmission fluid level must be checked with the engine running and the fluid hot. Add fluid as required but do not overfill as this will cause foaming and overheating.

STEP 4. Check all of the hoses and fittings for leaks. Secure the hoses so that they won't be damaged by road debris or other hazards.

NOTE: Use thread lubricant on threads when installing fittings.



For addition tech support, please call (586)774-2500, Monday-Friday, 9 a.m.-5 p.m. EST, or send an email to tech@ProformParts.com

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