



Application: Standard Beetle 71-79, Super Beetle 71-79, Bus 61-71,
Ghia 70-74, Off Road 56-79, Thing 69-78

Electric Fan Kit With Cooler, 1600cc-2270cc

Part Includes

- 1 - 96 Plate Oil Cooler
- 1 - 12 Volt Fan
- 1 - Hose
- 1 - Thermostat
- 1 - Pump Cover
- 1 - Oil Filter Bracket
- 1 - Oil Return Adapter
- Hardware



Tools Needed



READ FIRST

Always use two proper size wrenches when tightening or loosening fittings to avoid damage to cooler and lines. Apply minimal pressure when tightening the thermo-switch into the coupler body. The thermo-switch threads are brass and will damage easily if excessive torque is applied. Apply sealant to thermo-switch threads if leakage occurs. Due to the wide range of amperage draws of aftermarket fans, the use of a relay is highly recommended to avoid damage to the thermo-switch.

It is critical that the cooler is installed properly and all fittings tightened carefully. If the cooler requires fittings in order to mount the oil lines, install and tighten using two properly sized wrenches. One to tighten the fitting and the other to support the cooler end to prevent it from twisting causing it to break and therefore leak. Before mounting look for an area suitable for the cooler, its hardware and all the lines. Be sure the lines are not pinched when installed and do not interfere with any moving parts.

DO NOT install cooler in an area that will alter its factory shape by twisting or bending, this will Void the limited warranty. **DO NOT** weld on cooler. When installing your oil lines be sure to support the cooler end while pushing on, or pulling off lines. This will help to prevent unnecessary stress on the cooler and the possibility of breakage causing a leak. NO EXCHANGE can be made for a cooler that appears to have been damaged do to improper installation or mounted in such a way that would twist the brazed plates apart.

Fan is reversible with equal efficiency as a puller or pusher. **To convert to a pusher style:** Blue is a positive (+) to power and Black is negative (-) to ground. **To convert to a puller style:** Black is positive (+) to power and Blue is negative (-) to ground.

STEP 1.

Insert the 10/32 bolts from the bottom of the fan mount through the top of the metal fan mounting brackets. Start both bolts and hand tighten the nuts before tightening completely.

STEP 2.

Your fan and bracket assembly is ready to bolt to your cooler.

STEP 3.

Start the 1/4-20 bolts from the bottom of the cooler through the inner set of holes and set the fan and bracket assembly over them. Put the nylock nuts in place and tighten all four of the mounting nuts. Your cooler and fan are now ready to install.

STEP 4.

Remove the long oil relief spring and valve from the by-pass oil passage at the rear of the engine case near the pulley. Install the Oil Return Kit in the passage assembled as follows.



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STEP 5.

Bolt, washer with o'ring, fitting with machined groove toward the o'ring washer. Lastly the aluminum washer (between fitting and case). Clock the fitting to desired position the torque to 30lbs.

STEP 6.

Run oil from oil pump cover through a cooler, filter or both, then back to the oil return fitting. NOTE: The outlet passage of the oil pump must be plugged.