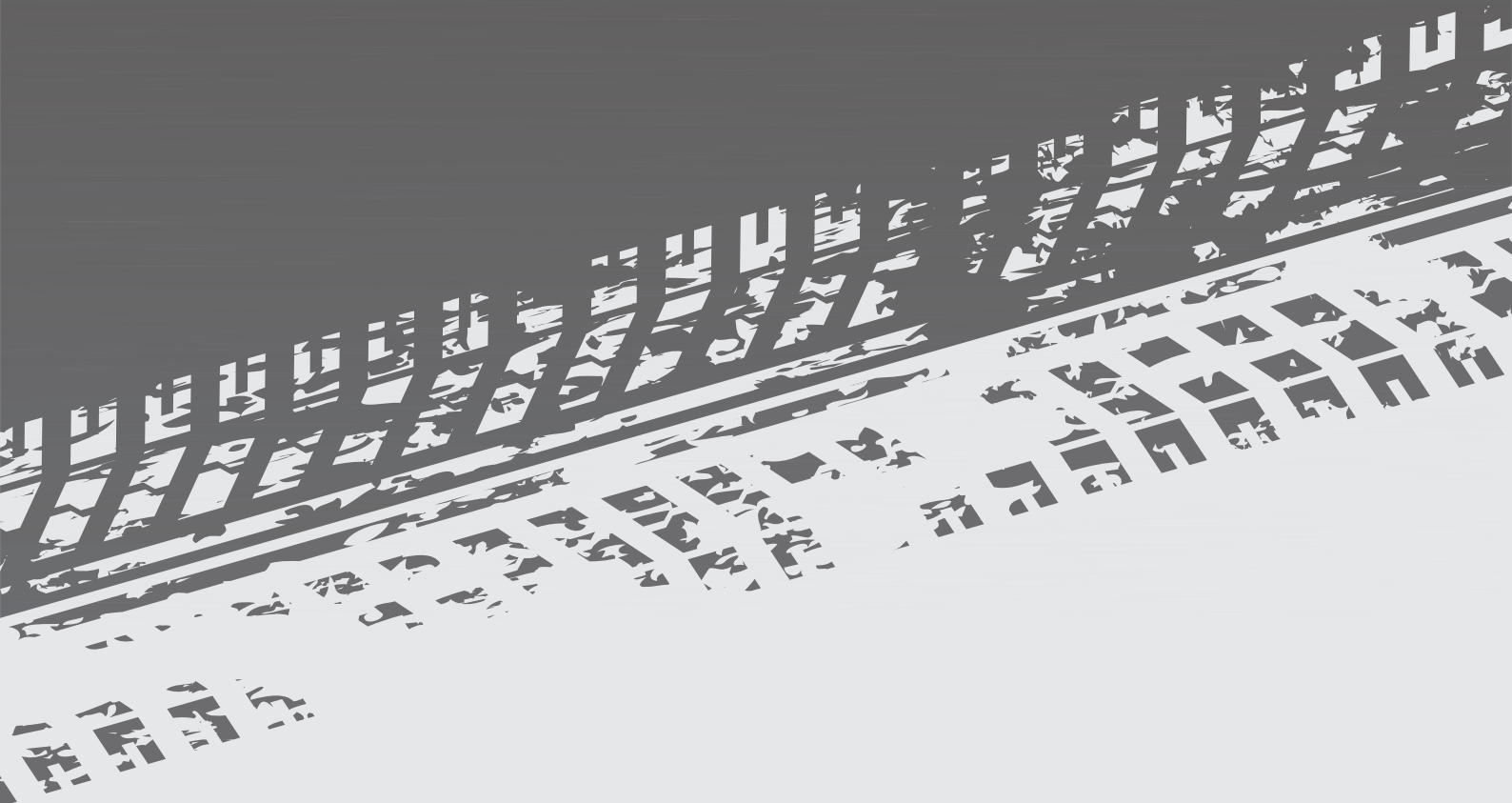


COOLMASTER

Fitting Instructions

Part № **49468KHD**



Kit contains:

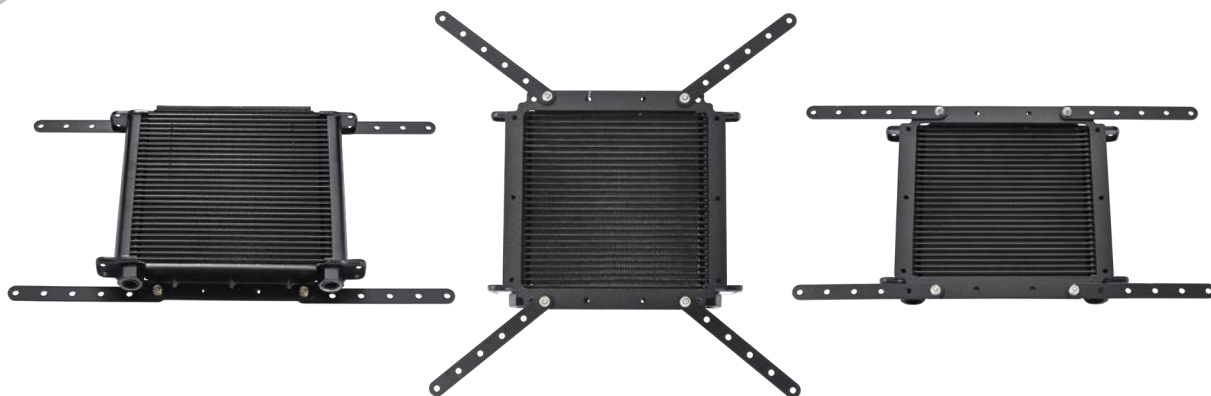
- 1 Extra-Large Heavy-Duty Cooler
- Mounting Brackets
- 1 3/8" U-bend Tube
- 2.5m 3/8" High Temp Hose with Conduit
- 8 M6 x 20 SEMS Bolts
- 8 M6 Fixed Washer Nuts
- 4 Metal Self-Tapping Screws
- 6 8-16 Hose Clamps
- 6 300mm Cable Ties
- Instructions

1. Cooler Assembly Mounting

Due to this product being a universal cooler kit, there are no vehicle-specific instructions that we can provide. Instead, we have provided these instructions and photos purely as a guide or an example of what may be required during the installation on your vehicle. Also take note that some of the steps may not apply to your vehicle. If you do get stuck on something, give us a call to discuss.

- 1.1.** *Open the bonnet.*
- 1.2.** *Remove any bash plates preventing access to the area beneath the radiator.*
- 1.3.** *If present, remove any shrouds or covers preventing access to the area behind the grille or in front of the radiator.*
- 1.4.** *Find a suitable location behind the grille to mount the cooler assembly. Test-fit the assembly to determine the best position and orientation.*

The universal cooler assembly has been designed for maximum installation flexibility. The cooler can be positioned with the hose fittings facing in any required direction, while the bracket and heavy-duty mounting straps can be adjusted using the available mounting points. The cooler's bidirectional flow design allows for easier fitment across a wide range of applications.



- 1.5. *Cut, trim and shape the supplied bendable straps as required to mount the cooler bracket to the vehicle. The straps can be bolted to any mounting point on the bracket.*
- 1.6. *Always choose mounting points that are a part of the body of the vehicle - such as the radiator support panels. Once the assembly is in place, tighten all bolts to secure it. DO NOT MOUNT TO THE CHASSIS RAIL OR CROSS-MEMBERS.*
- 1.7. *Find a suitable location in the OEM cooler system to tap into the cooler lines. On some vehicles, there will be steel lines with rubber hose connections that can be easily removed. This is the best location to connect the new cooler assembly.*

Some vehicles may be fitted with swaged connections on the rubber transmission lines. In these applications, the rubber line will need to be cut and connected to the cooler assembly using an appropriately sized joiner. Please note that joiners are not supplied with this kit.



- 1.8. *Route the cooler line hose to the connection point. Secure the cooler line hose with cable ties to avoid hot or moving parts.*

- 1.9.** *Disconnect the original transmission cooler from the circuit and connect the new cooler to the existing transmission cooler lines. Use the supplied 3/8-inch U-bend tube to join the hoses on the disconnected original cooler side and prevent residual fluid from leaking.*



- 1.10.** *Cut and fit cooler line hoses to the OEM cooler connections using the supplied hose clamps.*
- 1.11.** *Check that all hose clamps are tight*

2. *Transmission Fluid Level Checks*

Fluid-level check locations and procedures vary between vehicle manufacturers. Always follow the correct procedure specified for your vehicle and use only transmission fluid that meets the manufacturer's specifications.

3. *Test Drive and Recheck Fluid Level*

- 3.1.** *Take the vehicle for a road test for at least 15 minutes to warm the transmission fluid.*
- 3.2.** *After returning from the test drive, leave the engine running and check for any fluid leaks from the connections. You may need to tighten the hose clamps.*
- 3.3.** *Recheck the transmission fluid level using the manufacturer's specified procedure. The level may have dropped as trapped air cleared from the system during the road test. Top up as required.*
- 3.4.** *Clean up all transmission fluid and reinstall any bash plates, shrouds or grille parts removed during installation.*