

COOLMASTER

Fitting Instructions

Part № **49479KHD**



Kit contains:

- Extra Large Heavy-Duty Cooler with Fittings
- 2.5m 3/8 High Temp Hose with Conduit
- 4 8-16mm Stainless Steel Screw Clamps
- 2 M6x20 SEMS Bolts
- 5 300mm Cable Ties
- 1 M6 Nut

*** THESE INSTRUCTIONS ARE FOR OE BY-PASS INSTALL ONLY ***

1. Carefully unclip or unscrew the front grille to access the components behind it. **(Pic 1)**



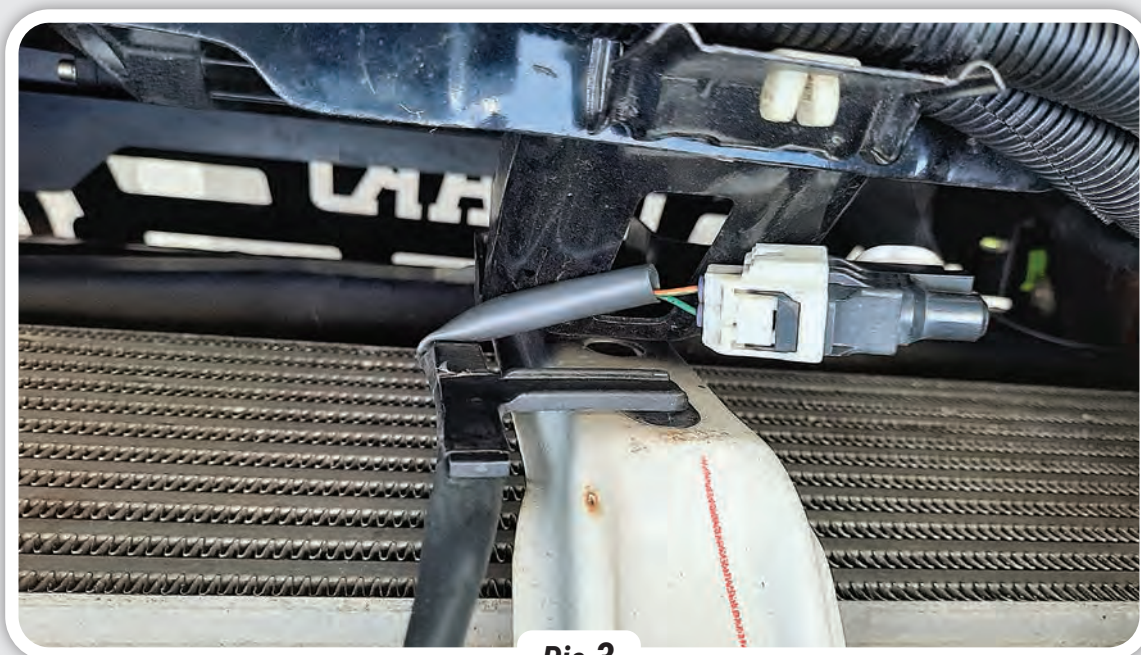
Pic 1

2. Next, remove the undertrays or lower engine covers from beneath the vehicle. **(Pic 2)**



Pic 2

- 3.** Detach and move any wiring harnesses and the ambient air temperature sensor away from the area where the cooler will be installed. Ensure that these components are secured safely out of the way to prevent interference during fitting and to avoid potential damage. **(Pic 3)**



Pic 3

- 4.** Unfasten and remove the left-hand lower bolt securing the radiator support panel. This bolt can be discarded as it will no longer be needed during the cooler installation. **(Pic 4)**



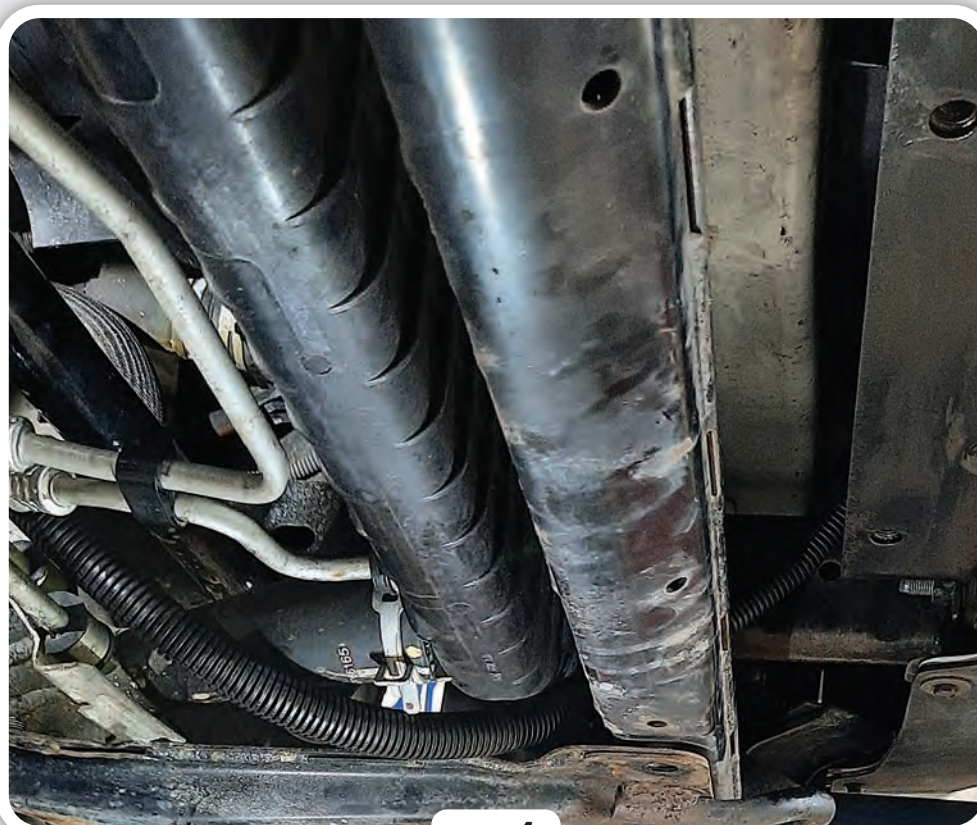
Pic 4

5. Attach the two ends of the rubber hoses to the cooler fittings, ensuring that they are fully seated. Tighten the hose clamps securely to prevent any leaks. **(Pic 5)**



Pic 5

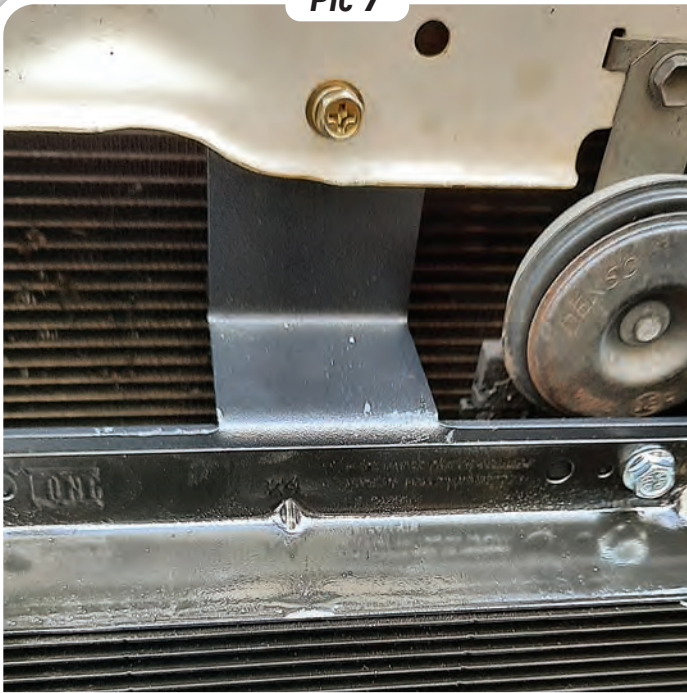
6. Lower the cooler and bracket assembly into place, carefully directing the hoses toward the appropriate location for connection to the steel transmission lines.. **(Pic 6)**



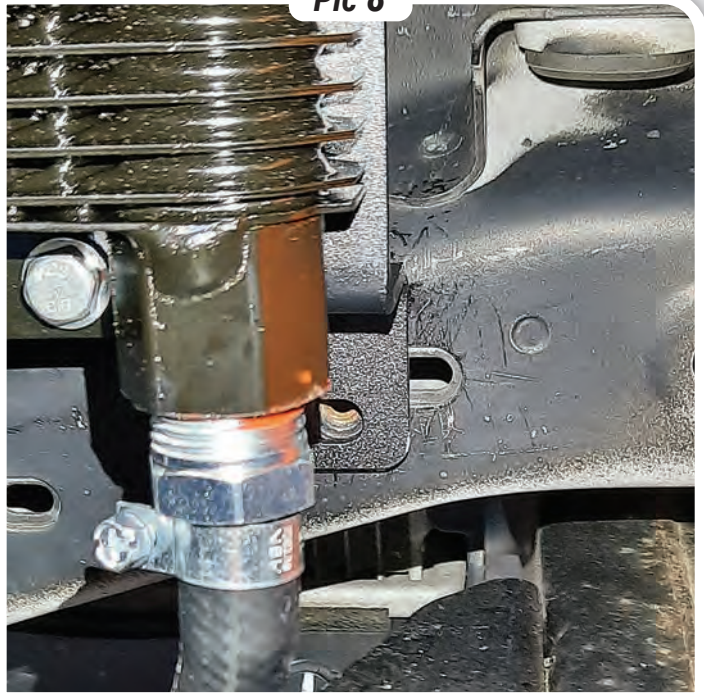
Pic 4

7. Bolt the cooler and bracket assembly to the vehicle using the 3 M6 bolts and 1 nut provided. Ensure that the nut and bolt are installed in the top mount only, securing the assembly firmly in place. **(Pic 7-10)**

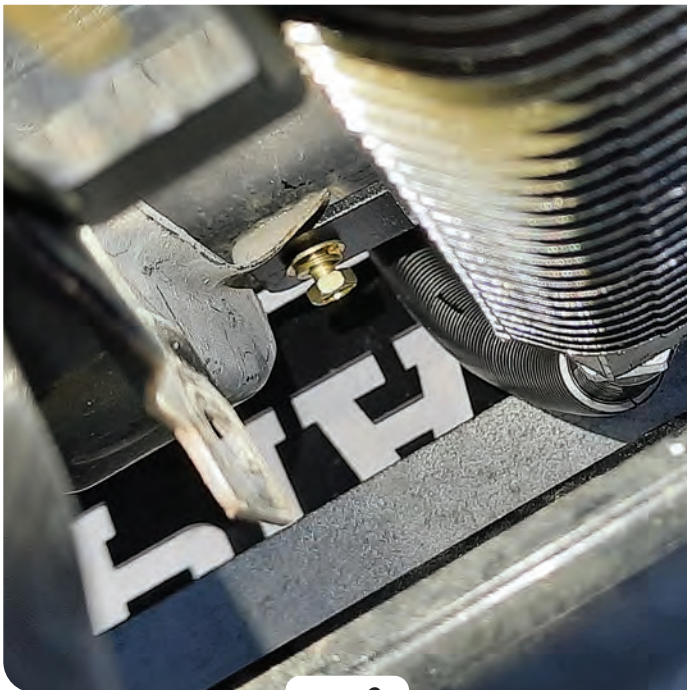
Pic 7



Pic 8



Pic 9



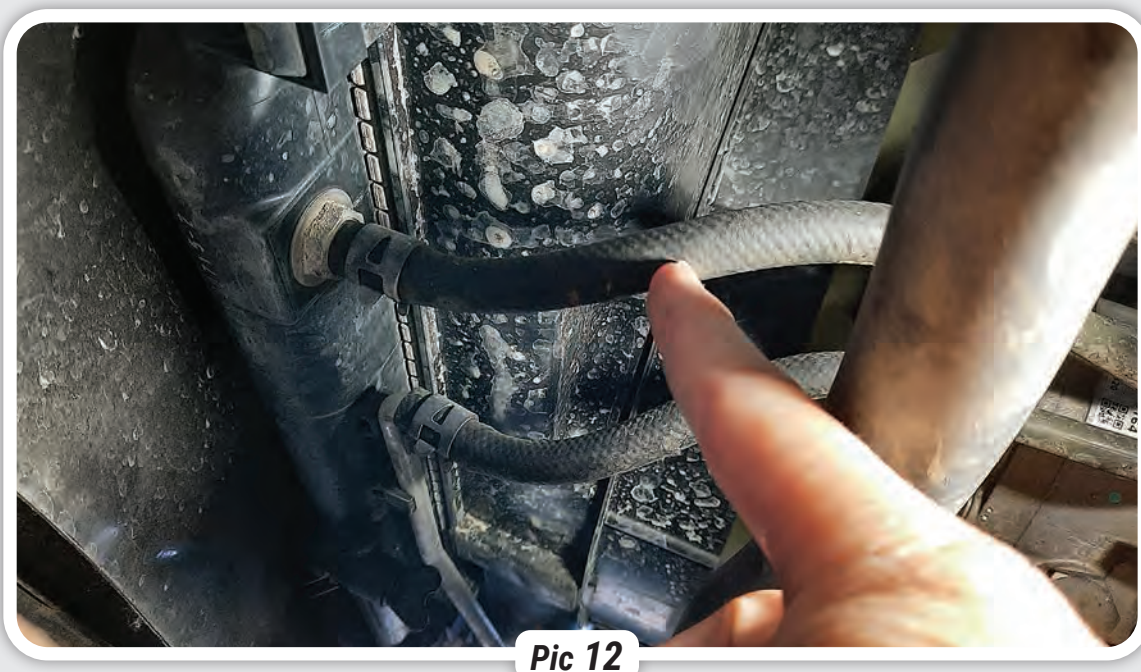
Pic 10



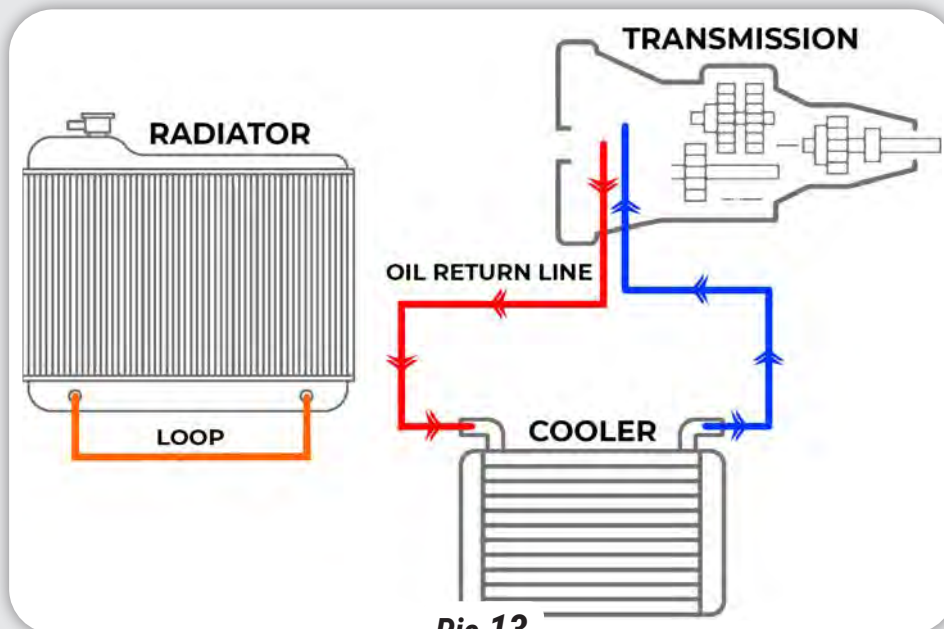
8. Refit the ambient air temperature sensor and reconnect any wiring that was previously dislodged or relocated during the installation process. Ensure all connections are secure and properly routed. **(Pic 11)**



9. Under the vehicle, fully detach and remove the rubber cooling line. Ensure that it is completely disconnected from its fittings. **(Pic 12)**



- 10.** Disconnect the remaining rubber line from the steel transmission line. Loop this line back to the radiator outlet and reattach the original clamp to secure the line in place. **(Pic 13)**



Pic 13

- 11.** Position the looped end of the new rubber lines to align with the steel transmission lines. Trim the lines as needed to ensure proper fitment. Secure the new hoses in place using the supplied hose clamps and attach the lines to the steel pipes. Use the provided cable ties to neatly secure the rubber lines along their routing path. **(Pic 14)**



Pic 14

- 12.** *Double-check that all hose clamps, bolts, and fasteners are securely tightened to ensure proper installation.*
- 13.** *Check the fluid levels according to the manufacturer's specifications, using only the recommended fluid type for your specific vehicle application.*
- 14.** *Perform a road test to confirm proper cooler operation. After the test, re-inspect the installation area for any signs of leaks or loose connections.*