

# COOLMASTER

## Fitting Instructions

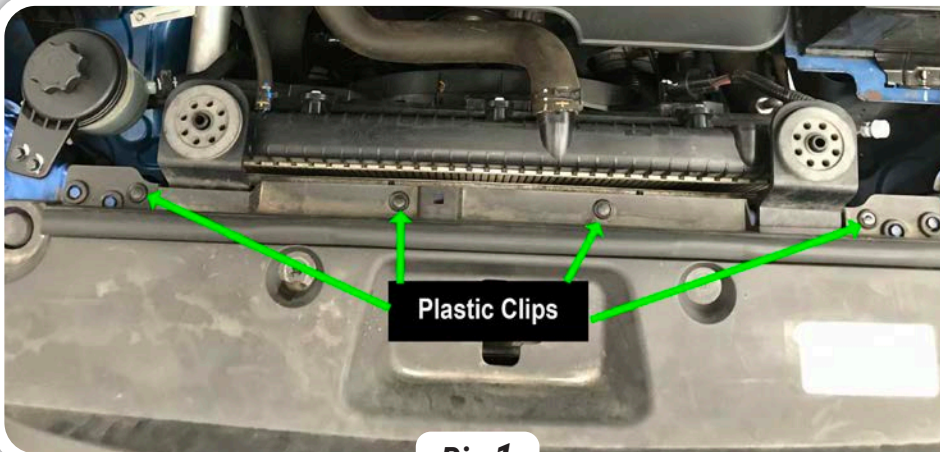
Part № **49470K**



### Kit contains:

- Cooler Bracket with cooler fitted
- 5 x 8-16mm Hose Clamps
- 2m x Cooler Line Hose with Conduit
- 3/8 Barbed Double Joiner
- Deraile Snapin Barb
- M6x20mm Bolt
- M6 Flange Nut
- M8x20mm bolt
- M8 flange nut
- 5 x Cable Ties
- Instructions

1. Open bonnet.
2. Remove any bash plates preventing access to underneath the Raditor.
3. Remove the four plastic clips and thirteen plastic tabs holding the top shroud in place and remove. **(Pic 1)**



**Pic 1**

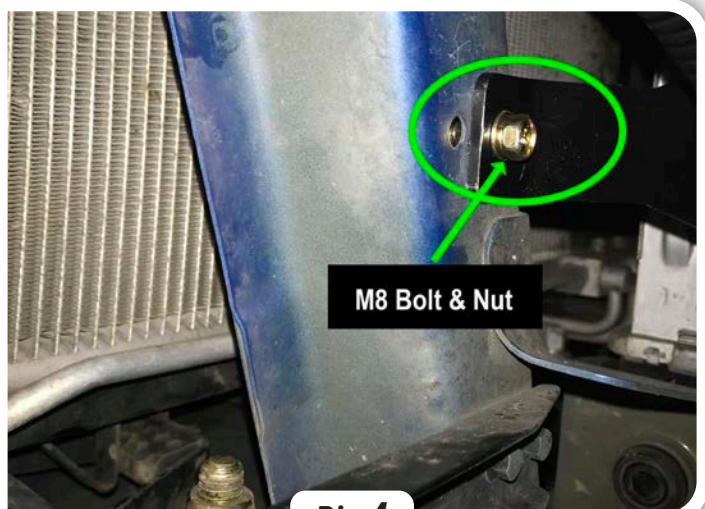


**Pic 2**

4. Connect each end provided cooler hose to both ends of transmission cooler and secure with hose clamps. Do NOT cut the hose yet. **(Pic 2)**
5. Remove the passenger side bolt holding the bonnet catch. Feed cooler and hoses into place and mount using bonnet catch bolt. **(Pic 3)**



**Pic 3**

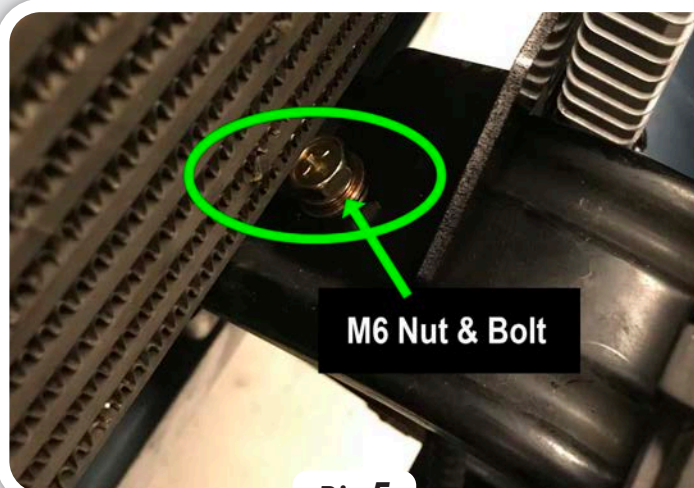


**Pic 4**

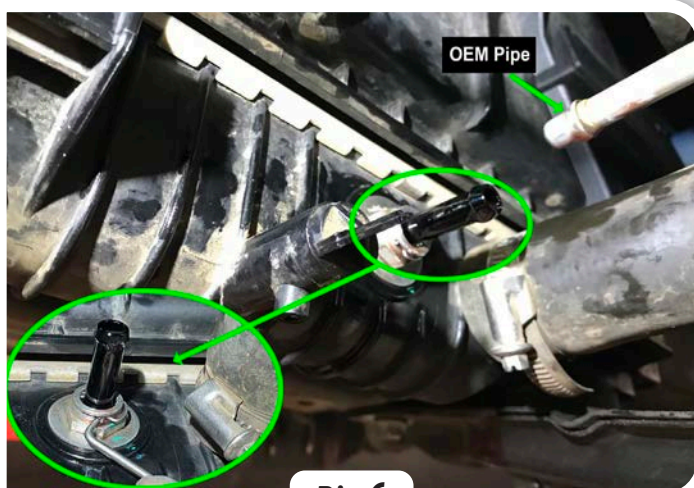
6. Using M8 bolt and nut supplied fit side mounting point to radiator support bracket. **(Pic 4)**



7. With the M6 bolt and nut supplied fit the lower mounting point to the radiator support panel. **(Pic 5)**

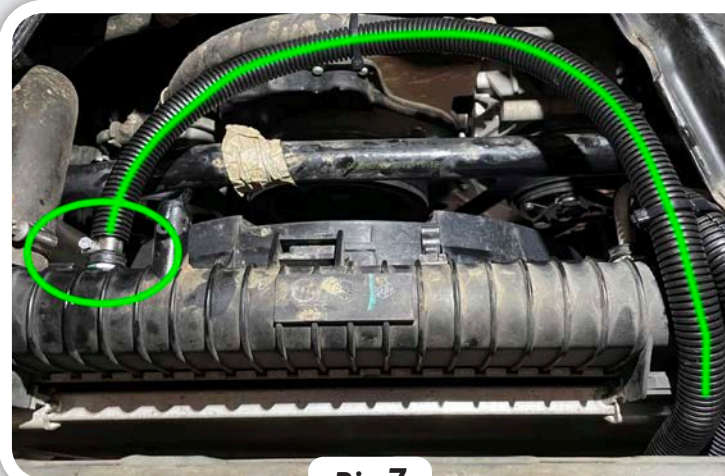


**Pic 5**

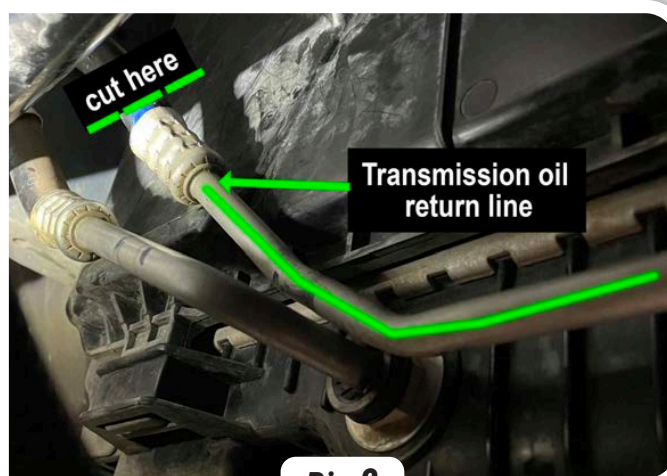


**Pic 6**

8. Remove drivers side OEM cooler pipe from bottom of radiator and fit supplied snap in fitting with OEM spring clip. **(Pic 6)**
9. Route the hose from the oil cooler under the Radiator as shown. Cut hose to length and attach to snap in fitting with hose clamp provided. **(Pic 7)**



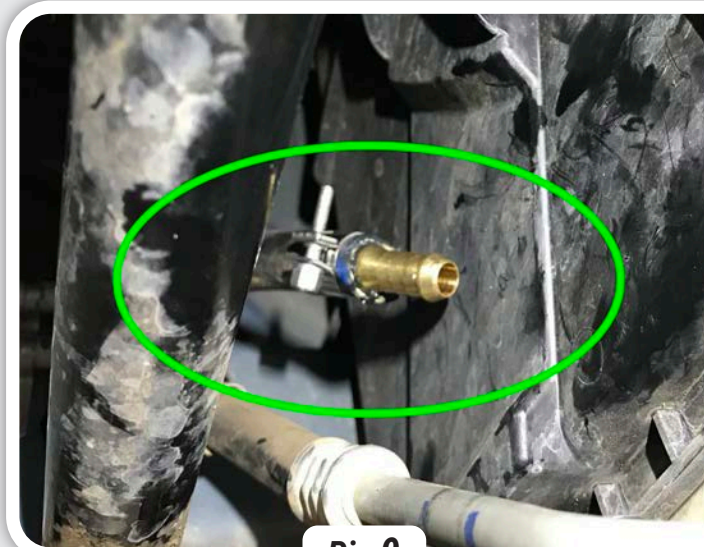
**Pic 7**



**Pic 8**

10. Cut the rubber section of the transmission oil return line just above the aluminium pipe. OEM pipe can be discarded. **(Pic 8)**

- 11.** Fit 10mm double barb and secure with provided hose clamp. **(Pic 9)**

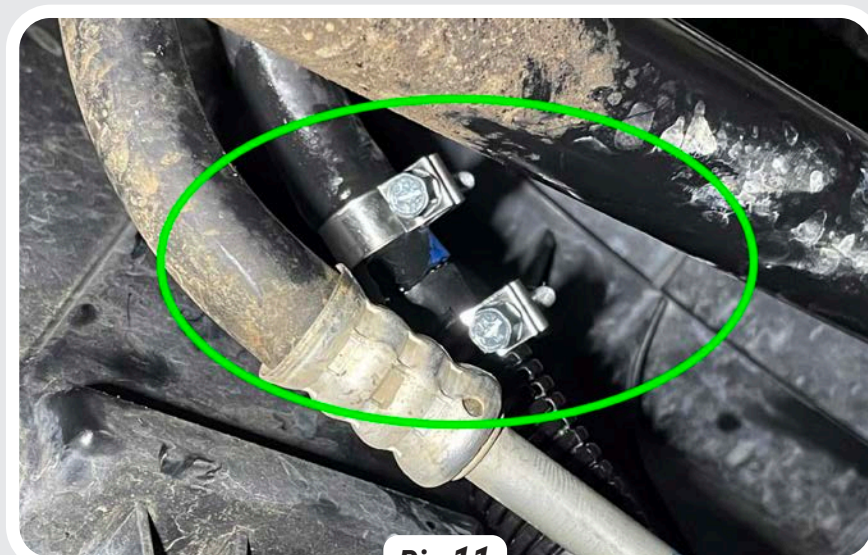


**Pic 9**



**Pic 10**

- 12** Route remaining hose under radiator as shown. **(Pic 10)**
- 13.** Trim and connect to the barb and secure with hose clamp. **(Pic 11)**

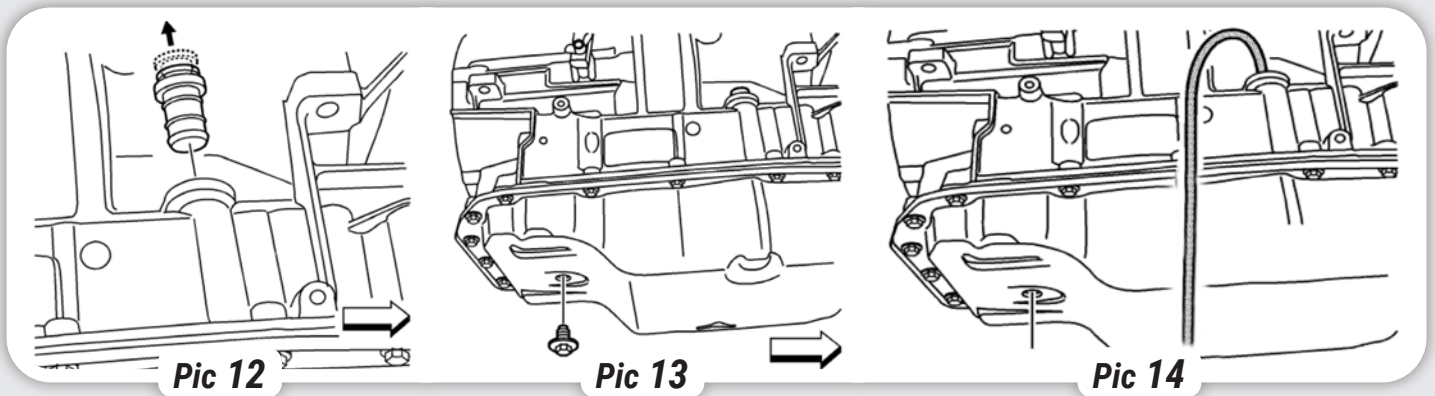


**Pic 11**

- 14.** Ensure that hoses are secure and away from any moving engine parts.
- 15.** Replace bash plates and refit plastic shroud
- 16.** Transmission fluid level must to be topped up prior to driving the car



17. Fluid level should always be checked with the engine running
18. To remove the fill plug, use a pair of 90 degree bent needle nose pliers. Find the top of the plug, it will first pop up, after this you can remove the plug with your hand. **(Pic 12)**
19. With engine running (for at least 30 seconds) remove the drain plug from the bottom of the transmission. **(Pic 13)**



20. Pump transmission oil into the filler hole until it just starts to trickle out of the drain plug. **(Pic 14)**
21. Replace both plugs, clean any transmission fluid spilt during installation.
22. Re-install any parts removed and check for any leaks.
23. Test drive the car until it reaches operating temperature.
24. Repeat steps 15 to 19 to recheck fluid levels.