

URBAN

COOLER KITS

Fitting Instructions

Part Nº **49485K**

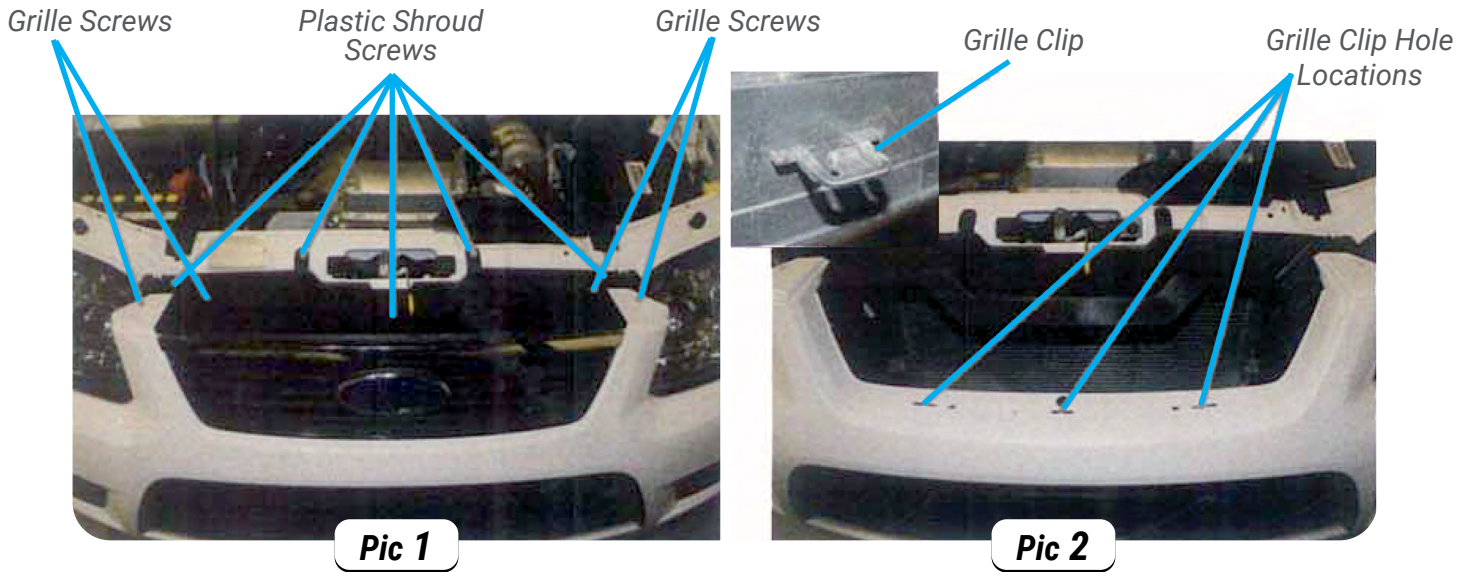
FORD FALCON



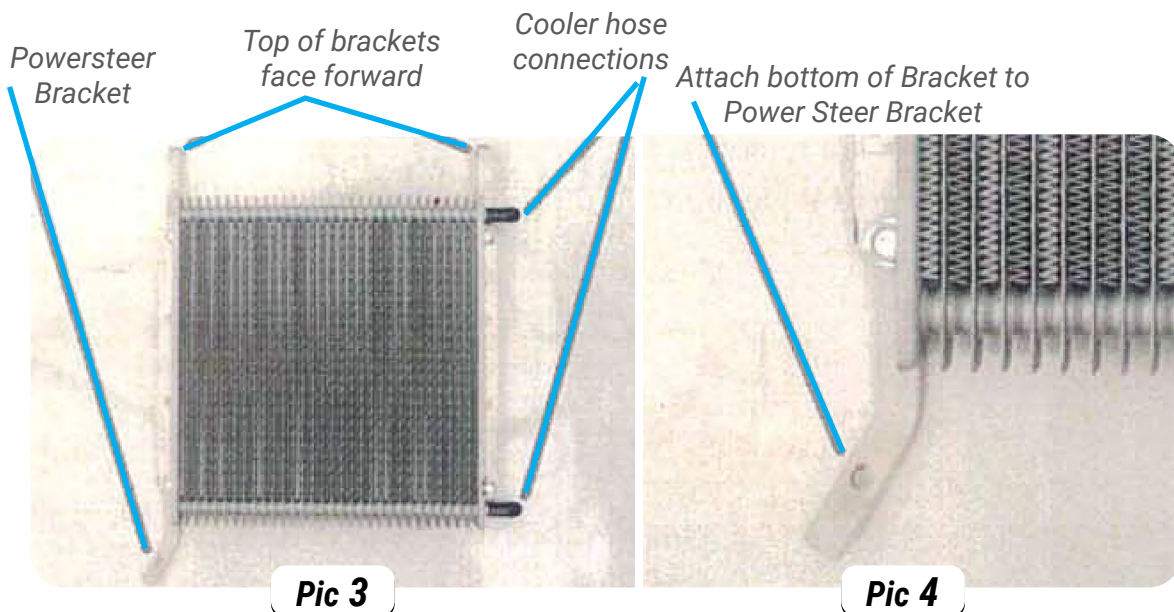
Kit contains:

- Cooler
- 3 Mounting Brackets
- 3 meters Cooler Hose
- 2 In-Case Fittings
- 2 x Right Angle Push-in Hose Barb
- 90 Degree Fitting
- Fitting Kit
- Instructions

1. Loosen the front shroud to remove the front grille by removing the 3 plastic shroud screws, 2 steel 10mm bolts then the 4 plastic grille screws (**Pic 1**). To remove the grille once the screws are removed you will need to lever the 3 bottom clips on the grille (**Pic 2**) using a flat blade from behind the grille to unclip it. They won't need much pressure to allow the grille to be removed.

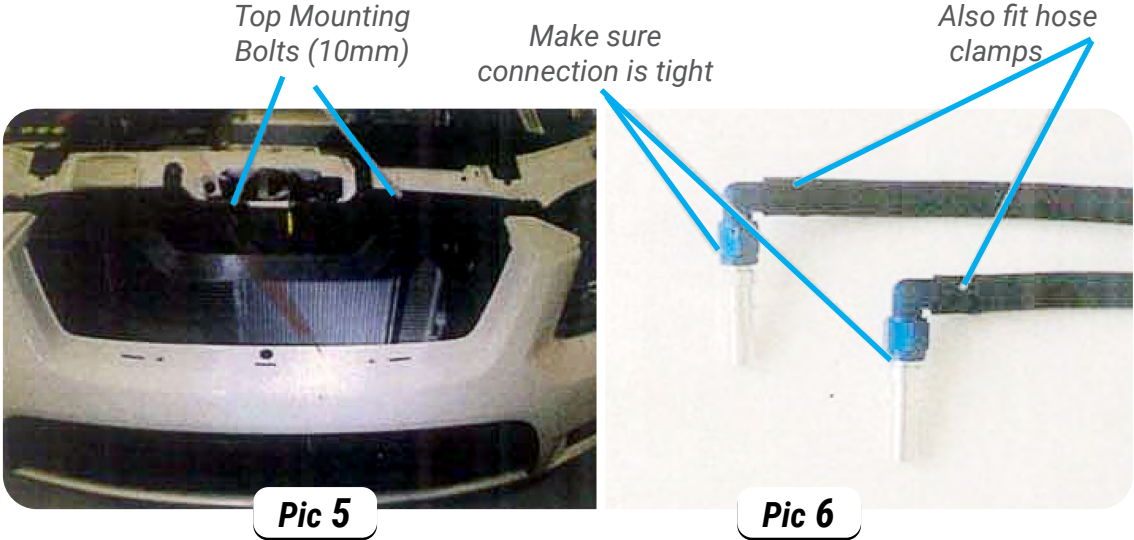


2. Attach the two larger brackets to the cooler as shown in **Pic 3**. The shorter bracket needs to be fitted on the same side as the cooler hose connections. The top of the brackets also needs the bolt holes facing towards the radiator.



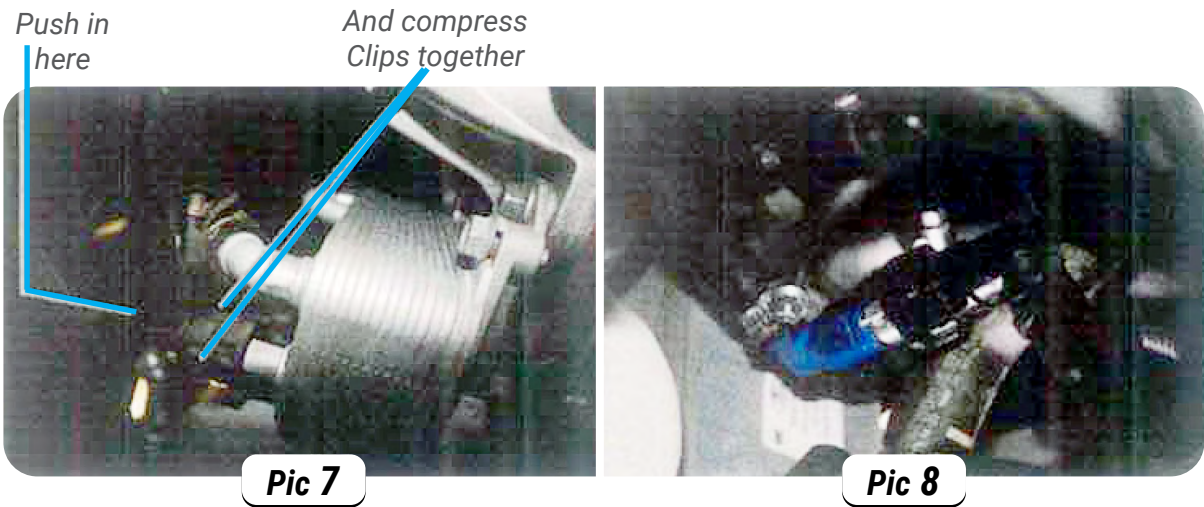
3. The cooler can now be test fitted to allow you to mark the top two bolt locations. **Pic 4** shows the bottom of the bracket which needs to be fitted to the power steering bracket to allow you to then mark the holes for the top of both brackets.

4. Now mark and drill the radiator support, then fit the tek screws to secure the cooler in place. Make sure all bolts and nuts are tight. **(Pic 5)**



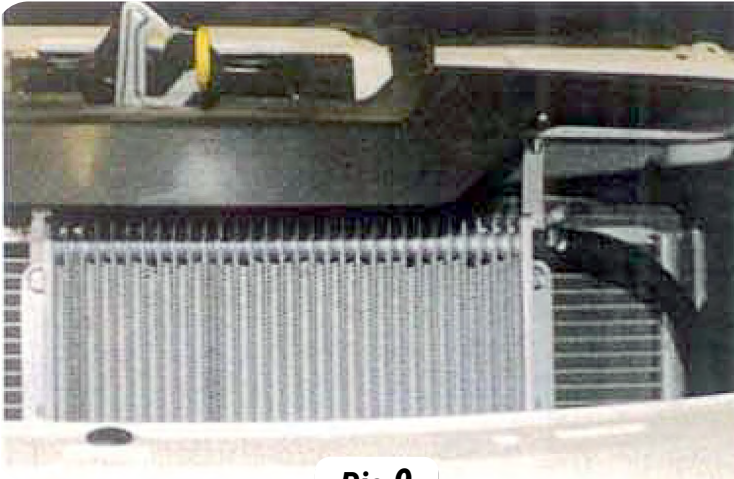
5. Now installing the hose is very straight forward using the cooling hose supplied. Fit the exchanger hose adaptors as shown in **Pic 6**. Also fit hose clamps and make sure they are tight.

6. Disconnecting the plastic quick release hose connections may not be that quick. The connection needs to be pushed on so that the clips can be released. A spray of WD40 will help if any dirt is stopping them from releasing. A lever bar can be used but make sure your other hand is releasing the clips. (Transmission Oil will leak out of exchanger.) (Can also remove engine oil filter to make more room.) **(Pic 7)**



7. Once both lines have been released from the heat exchanger you need to position the OEM pipes as close as possible to the chassis rail. The top pipe may need to have the brackets further back loosened to allow this to happen. Now connect the new adaptors and run the new transmission hose up to the cooler. **(Pic 8)**

8. Before you connect the hose to the cooler it is recommended to cable tie the hoses along the chassis. The top line on the exchanger can connect to the top line of the cooler. **(Pic 9)**



Pic 9



Pic 10

9. The bottom line on the exchanger can connect to the bottom line of the cooler. **(Pic 10)**
10. Make sure all connections and bolts are tight then start the engine to check for oil leaks. If no leaks are detected, you can replace the grille and shroud screws. The cooler is now installed. Finally install the hose joiner and clamps supplied in the kit to the water hoses. The Heat Exchange Unit has now been totally by passed.

Please Note: Transmission Fluid will need to be topped up. Both the Ion (4 speed) and the ZF6HP26 (6 speed) have a fill plug on the driver's side at the rear of the transmission. Please refer to OEM Specifications for Filling Procedures and Fluid Types.