

COOLMASTER *OFFROAD*

Dual External Transmission Oil Cooler Kit Suitable for:



**Ford Falcon AU & BA Series with
4 Speed BTR M93 & M97LE Transmissions
& 4.0L & 5.0L ENGINES**

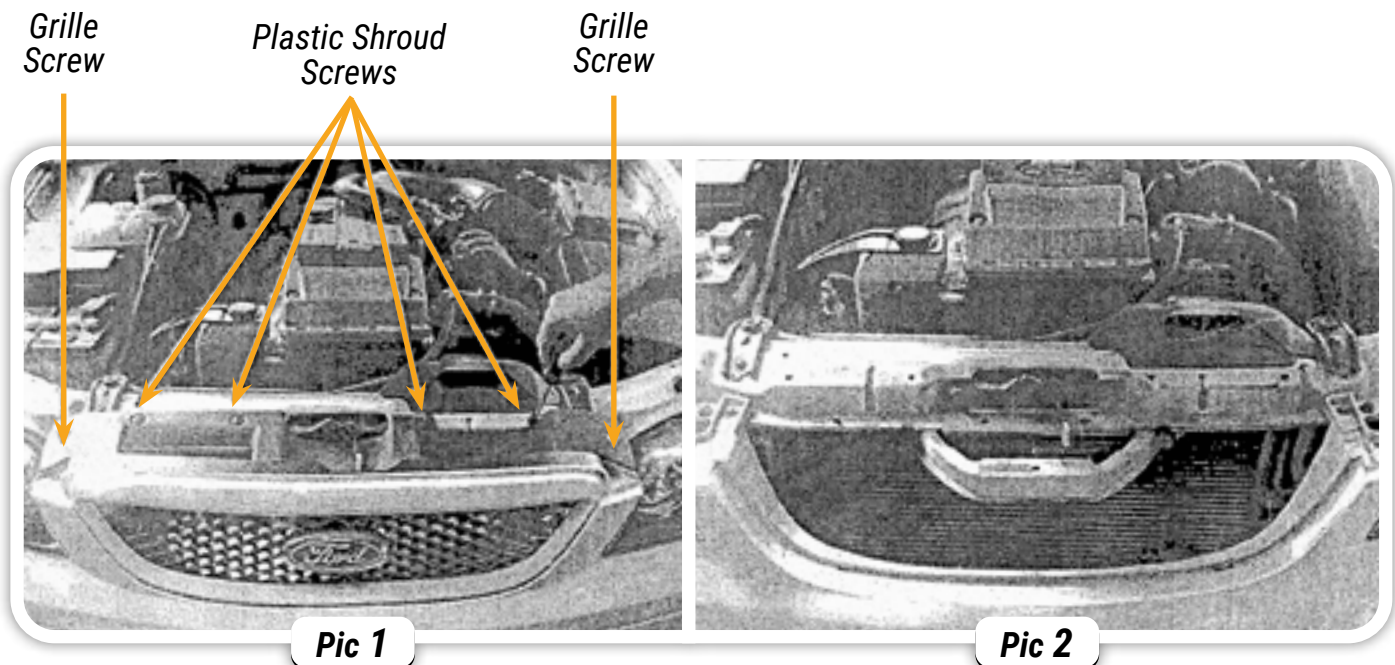
*Please read through all of the instructions carefully before proceeding.
If any of the information does not appear correct or the diagrams don't
match your vehicle, please contact your local ALLTRANZ branch.*

Detailed Installation Instructions

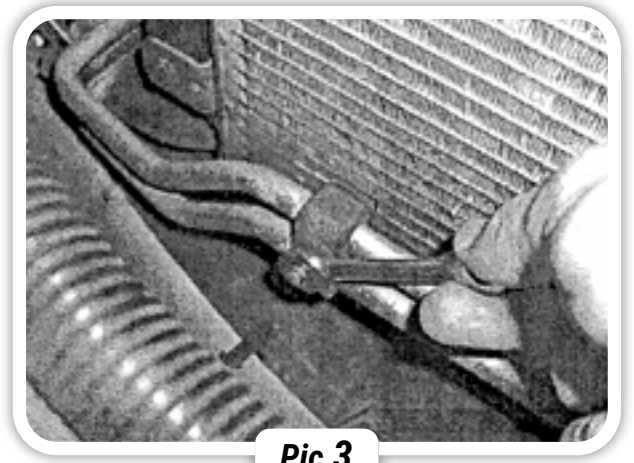
Before commencing work, please ensure that you have sufficient transmission fluid to top up at the end of the job.

1. This kit accommodates either radiator bypass or in series installation.

To remove the front shroud and grille remove the 4 shroud screws (AU models) 2 grille screws and 4 shroud screws (BA models) as per **Pic 1**. It may be necessary on vs models to remove the middle horn for easier access during installation.

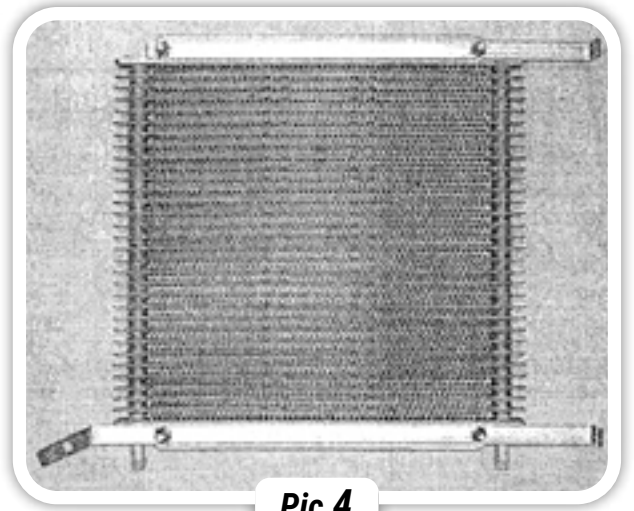


2. Remove the 10mm nut securing the power steering pipe bracket to the radiator located on the driver's side as per **Pic 3**.



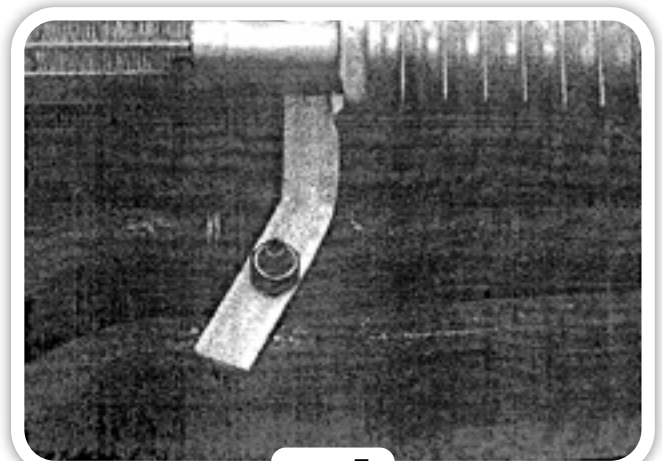
Pic 3

3. Attach the brackets (2) using the bolts, washers and nuts supplied as per **Pic 4**.

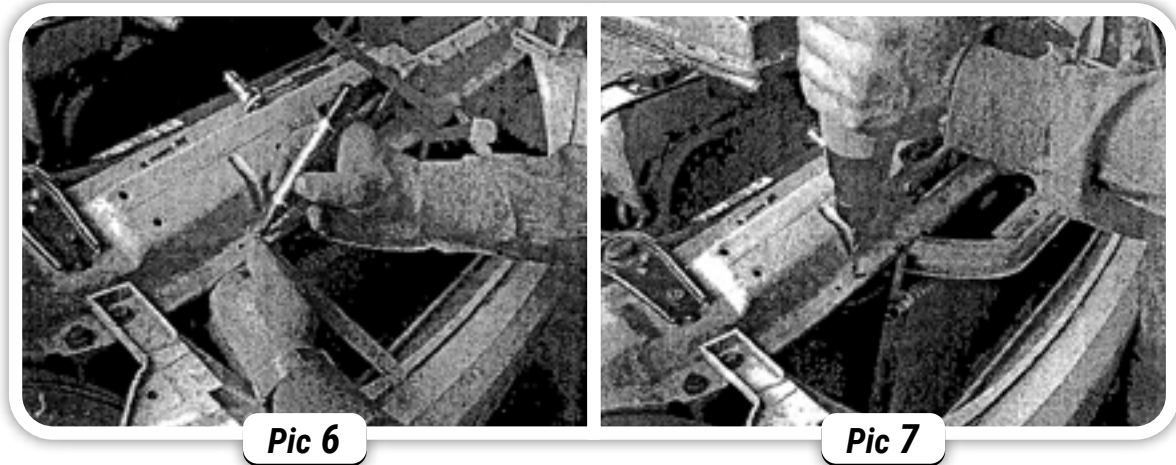


Pic 4

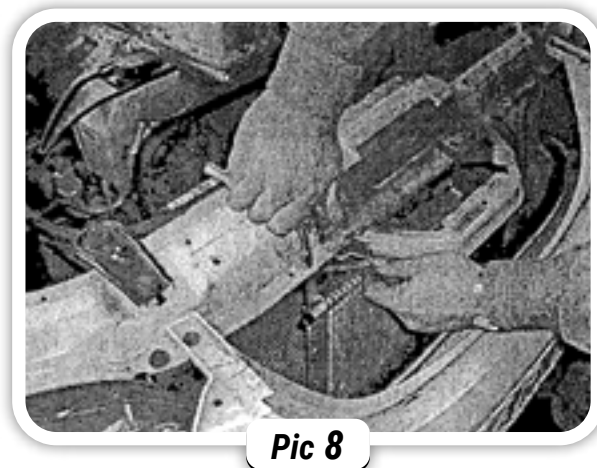
4. With the inlet and outlet tubes of the oil cooler facing toward the driver's side of the vehicle attach the driver's side lower bracket to the radiator support replacing the 10mm nut (removed in step 2) with the new nyloc nut supplied (do not tighten at this stage).



Pic 5



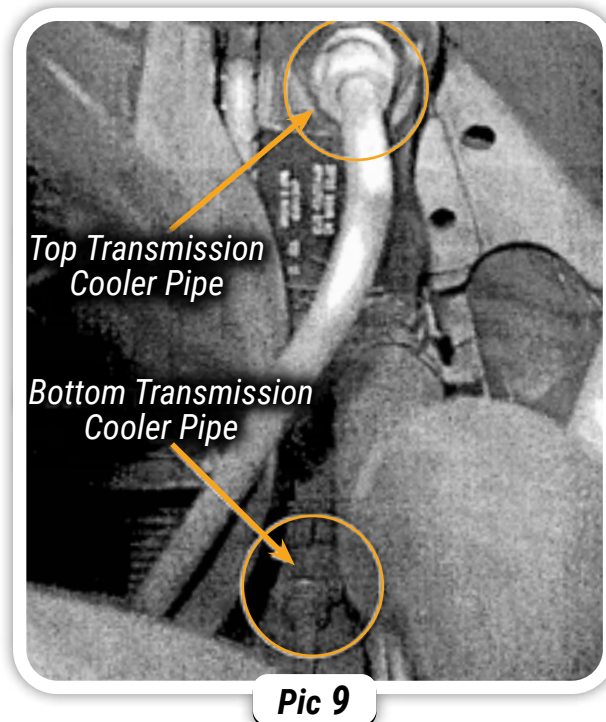
5. With the transmission oil cooler in position, mark the bracket mounting holes by measuring 10mm from the front edge of radiator support panel and drilling two (2) 7mm holes at each of the mounting locations, as per **Pic 6** & **Pic 7**.



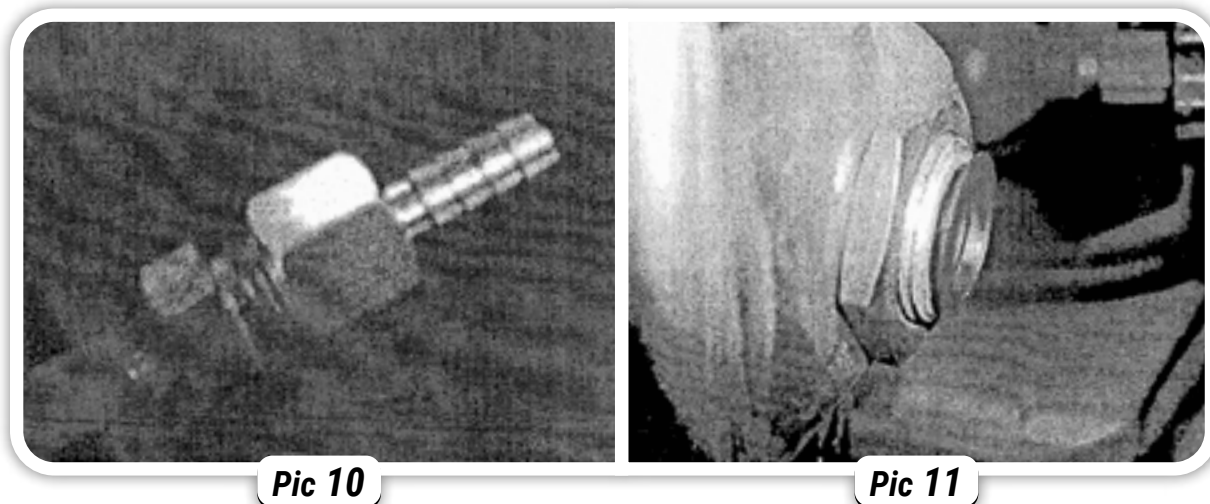
6. With the two bolts, nuts and washers supplied complete the mounting of the transmission oil cooler including the tightening of the 10mm nut on the lower support bracket. (**Pic 3**)

Radiator By-pass Installation Option

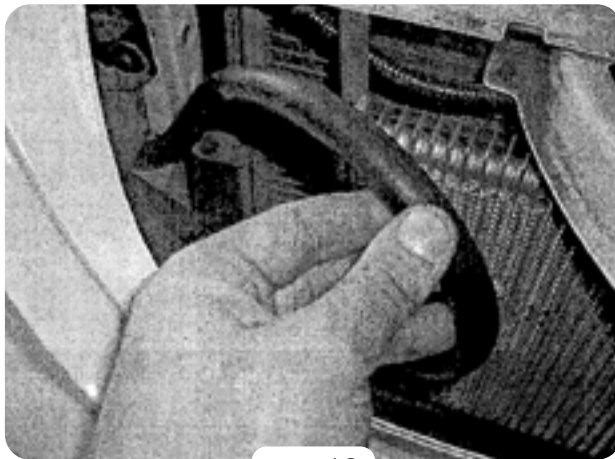
1. Unscrew both the upper and lower transmission oil cooler pipes from the radiator. **(Pic 9)**



2. Install the female hose tail fittings supplied to the transmission oil cooler pipes. **(Pic 10)**
3. Install plastic plugs supplied to both radiator outlets. **(Pic 11)**



4. Install hose clamps over both ends of transmission cooler hose (supplied) and install over barb fittings on cooler pipes tighten as required.
5. Feed transmission cooler hose loop through opening behind the driver's side headlight as per **Pic 12**.



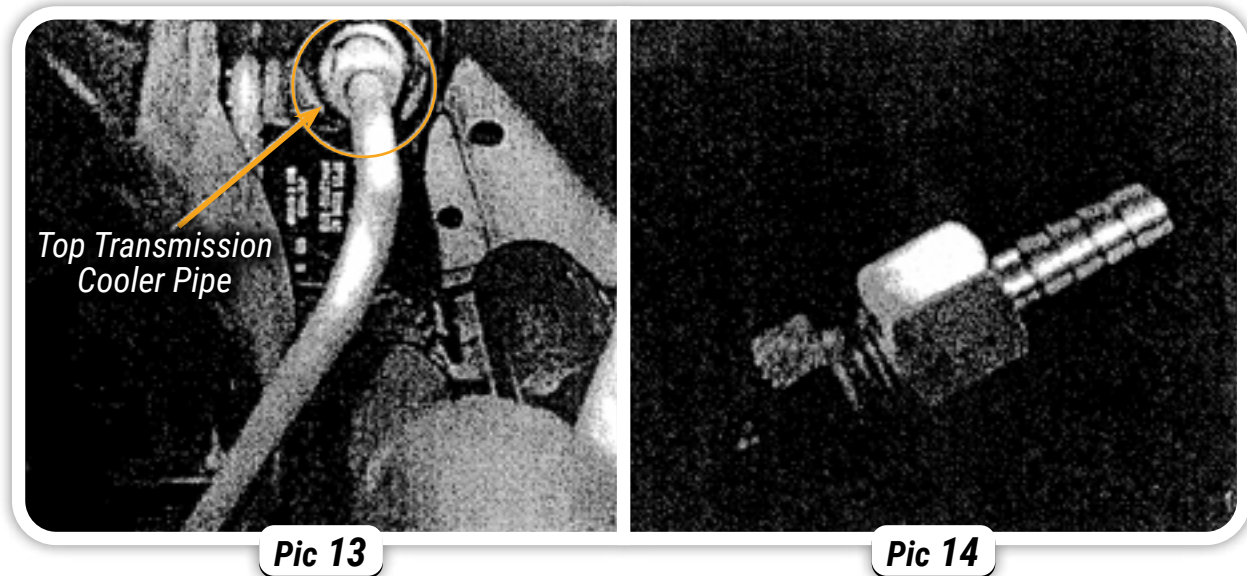
Pic 12

6. Cut the transmission cooler hose to the required length to install over cooler barb fittings ensuring you have installed clamps on the hose prior to this procedure. It is very important that there be no sharp bends in the transmission cooler hose which would restrict oil flow, tighten clamps as required.
7. There are two (2) rubber coated hose clamps and Tek-screws supplied for securing of transmission oil cooler hose to panel work (optional).
8. Re-check all connections prior to starting the engine, once started check for oil leaks. Check/top up transmission fluid level as required.
9. Replace grille and plastic top cover.

NOTE: INSTALLATION INSTRUCTIONS ARE INTENDED AS A GUIDE ONLY. IT IS THE RESPONSIBILITY OF THE INSTALLER TO ENSURE CORRECT INSTALLATION AND SAFETY PROCEDURES.

Radiator By-pass Installation Option

1. Unscrew top transmission oil cooler pipe from radiator. **(Pic 13)**



2. Install the female brass hose tail fitting to the top transmission oil cooler pipe only. **(Pic 14)**
3. Install the 90-degree steel fitting to the top of the radiator cooling tank.

***This completes the installation of the
Dual External Transmission Oil Cooler Kit to Suit
Ford Falcon AU & BA Series with
4 Speed BTR M93 & M97LE Transmissions***

***PLEASE REMEMBER ALL AUTOMATIC TRANSMISSIONS HAVE A SERVICE INTERVAL OF
2 YEARS OR 40,000KM TO IMPROVE THE LONGEVITY OF THE TRANSMISSION.***