

TRANSMISSION OIL COOLER FITTING KIT (6R80)

Suits Ford Ranger and Mazda BT50

INSTALLATION INSTRUCTIONS

The 6R80 Transmission Oil Cooler Fitting Kit is designed to assist the installation of your chosen Davies, Craig Transmission Oil Cooler Kit to the Ford Ranger, Mazda BT50 and other vehicles listed below fitted with the Ford 6R80 Transmission.

PLEASE READ ALL THESE INSTRUCTIONS THOROUGHLY BEFORE YOU START WORK. DON'T RUSH - ENSURE YOU HAVE FULL UNDERSTANDING OF THE WORK AHEAD BEFORE YOU COMMENCE. ENSURE YOU HAVE ALL TOOLS AND COMPONENTS REQUIRED.

Kit Contents

- ⊕ 2 x 6R80 Transmission Fittings
- ⊕ 2 x Hose Clamps
- ⊕ 5 metres – 3/8" Transmission Hose

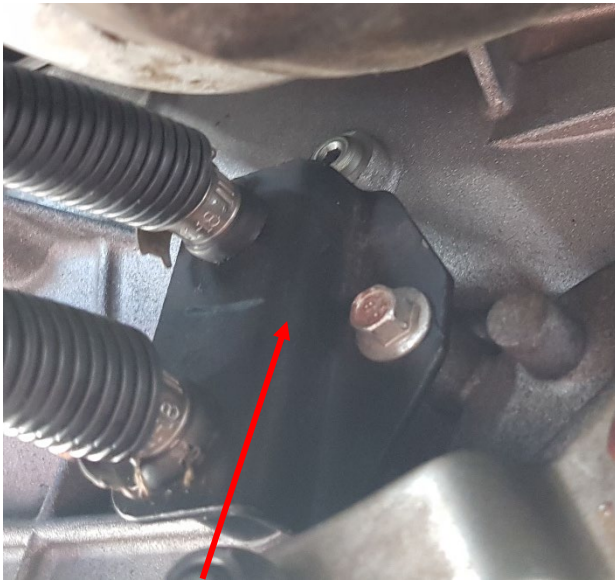
Other components supplied separately

- ⊕ Transmission Oil Cooler Kit – Parts #679 or #691
- ⊕ Auto Trans Fluid (Approx. 700 millilitre – 1 litre)
- ⊕ 19mm Heater Hose (400mm approx.)
- ⊕ 2 x 19mm Hose Barbs
- ⊕ 2 x Hose Clamps (For Heater Hose)
- ⊕ Engine coolant
- ⊕ Cable Ties



Fitting Kit ~ Installation procedure

- ⊕ Don't cut the Transmission Hose until you have secured the cooler and run the hose through the engine bay to the transmission fittings. You will need to leave enough loose hose to allow for movement of the transmission relative to the cooler.
- ⊕ Slide a Hose Clamp onto each end of the 5-metre transmission hose. Push each hose end onto the Transmission Oil Cooler's 3/8" barbs and tighten both clamps to form a hose loop.
- ⊕ Remove the grille from the vehicle and lower the cooler and hose down in front of the radiator, allowing the loop to pass below the cooler.
- ⊕ Install your Transmission Oil Cooler following the specific Installation Instructions supplied.
- ⊕ Before removing the factory oil cooler, ensure you have a clean bucket to capture the coolant.
- ⊕ Remove the factory oil cooler. Join the two factory coolant lines with 19mm Hose Barbs and a length of Heater Hose and 2 x Hose Clamps (not supplied).
- ⊕ Unbolt and remove the flat bracket from the transmission and then remove the split pins to remove the flat bracket from the oil cooler.



FLAT BRACKET



TRANSMISSION FITTINGS

- ⊕ Make sure the area is clean and free of oil and dirt then insert one Transmission Fitting into each of the two ports in the transmission. Secure the fittings in place using the factory flat bracket.
- ⊕ Establish sufficient hose length to reach transmission allowing for some slack, now cut the hose and discard excess length. Place a Hose Clamp onto each hose and push the hose onto the barb of each fitting and fasten each Hose Clamp securely.
- ⊕ Using some Cable Ties (not supplied) secure the transmission hoses in several locations along the entire length.
- ⊕ Top up your transmission with the appropriate Automatic Transmission Fluid and radiator coolant. Road test the vehicle, check all connections to ensure there are no leaks. Tighten any hose clamps and the fittings if required. Check transmission fluid & coolant levels.

The 6R80 Transmission is installed as standard equipment in the following;

- 2009–present Ford F-150
- 2009–present Ford Expedition
- 2009–present Lincoln Navigator
- 2009-2010 Mercury Mountaineer
- 2011–2016 Ford Territory (SZ TCDi)
- 2011-2017 Ford Mustang V6, GT, Ecoboost
- 2011-present Ford Ranger 2.2L, 3.2L
- 2011-present Mazda BT-50 2.2L, 3.2L
- 2015-present Ford Everest 2.2L, 3.2L
- 2015-present Ford Transit

These installation instructions will suit most applications but there are circumstances surrounding some engine designs, environments, and the nature of the system involved, which may require other installation arrangements not outlined here. Frequently Asked Questions (FAQ) are listed on our website www.daviescraig.com.au . Emails can be directed to info@daviescraig.com.au or Telephone +61 (0) 3 9369 1234 during business hours.

WARRANTY

Davies, Craig Pty Ltd warrants for a period of two years or 2000 hours continuous running (whichever is the lesser) from the date of purchase. Davies, Craig shall carry out, free of cost, any repairs that are reasonably necessary to correct any fault in the operation of your Davies, Craig product provided that such a fault is directly attributable to a defect in the workmanship or materials used in the manufacture of the part(s). This warranty is void if the product is misused, altered, tampered with or is installed or used in a manner that is inconsistent with Davies, Craig’s written recommendations and/or installation instructions. Labour and consequential costs are excluded. **DAVIES, CRAIG PTY. LTD.**

Register your warranty at: daviescraig.com.au under the support tab.