COOLMASTER

Fitting Instructions

Part № 49501K

FOR RE0F11A / JF015E TRANSMISSIONS



Kit contains:

- 3/8” Oil Cooler
- Cooler Adapter Plate
- 5 Brackets
- 2m 3/8” Cooler Line Hose with Conduit
- 2 3/8” Male Cooler Fitting
- 90 degree 5/8” Fitting
- 4 M6 x 24mm Bolts
- 8 M6 x 24mm Bolts with Fixed Washers
- 8 M6 Flanged Hex Nuts
- 4 Metal Drilling Hex Screws
- 2 Cooler O-rings

Detailed Installation Instructions

GENERAL GUIDANCE ONLY

The installation procedure for kit 49501K is general in nature, as this transmission is fitted to multiple makes and models.

Before installation, a qualified transmission technician must confirm compatibility, adaptor orientation, transmission fluid-flow connections, coolant arrangements, seals and tightening specifications.

Basic Fitting Instructions

1. ***Confirm the application.*** *Verify that kit 49501K is suitable for the exact vehicle, transmission and proposed cooler arrangement.*

2. ***Prepare the vehicle.*** *Ensure the vehicle has cooled sufficiently before beginning work. Protect all exposed transmission passages from dirt and other contaminants.*

3. ***Remove the existing heat exchanger.*** *If the vehicle already has an external transmission cooler, remove it as well. Clamp the coolant hoses to minimise coolant loss, then use the supplied 90-degree adaptor to connect the coolant hoses. The location of these components may vary between vehicle models.*

4. ***Fit the adaptor plate.*** *Install the hose barbs into the adaptor plate before fitting the plate to the transmission. Use the specified seals and fasteners supplied with the kit.*

5. ***Mount the transmission cooler and bracket.*** *The installation position will vary between vehicles. Mount the cooler where it will receive sufficient airflow, using the mounting plate and securing brackets supplied with the kit. If the vehicle already has an auxiliary transmission cooler, replace it with the cooler supplied in this kit.*

6. ***Connect the cooler circuit.*** *Use the supplied hose, fittings and clamps. Ensure the hoses are properly supported and kept clear of heat sources, moving parts and sharp edges. Check that no hoses are kinked.*

7. ***Restore fluid levels.*** *Use only the CVT fluid specified by the vehicle manufacturer and follow the correct temperature-dependent fluid-level checking procedure. If the coolant circuit has been opened, refill and bleed the cooling system according to the vehicle workshop manual.*

8. ***Complete the commissioning checks.*** *Follow the supplier's and vehicle manufacturer's procedures to confirm fluid circulation, correct fluid levels, secure connections and the absence of leaks before road testing. Do not operate the vehicle if any connection remains unconfirmed, a leak is present or an abnormal temperature is indicated.*

9. ***Road test the vehicle.*** *After completing the prescribed road test, recheck for leaks, hose contact and loose mountings. Confirm the transmission fluid and coolant levels using the specified procedures.*