

Engine Cooling - 2.4L Duratorq-TDCi HPCR (103kW/140PS) - Puma - Cooling System Draining, Filling and Bleeding

General Procedures

⚠ WARNING: Since injury such as scalding could be caused by escaping steam or coolant, do not remove the filler cap from the coolant expansion tank while the system is hot.

• CAUTIONS:

⚠ The engine cooling system must be maintained with the correct concentration and type of anti-freeze solution to prevent corrosion and frost damage. Failure to follow this instruction may result in damage to the engine.

⚠ Engine coolant will damage the paint finished surfaces. If spilt, immediately remove the coolant and clean the area with water.

1. Set the heater controls to Hot.

2. **⚠ WARNING:** Since injury such as scalding could be caused by escaping steam or coolant, do not remove the filler cap from the coolant expansion tank while the system is hot.

Remove the coolant expansion tank cap.

3. **⚠ WARNING:** Since injury such as scalding could be caused by escaping steam or coolant, do not remove the cooling system bleed screw while the system is hot.

Loosen the cooling system bleed screw.

4. **⚠ WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

5. **⚠ WARNING:** Eye protection must be worn.

• NOTE: Position a container to collect the coolant.

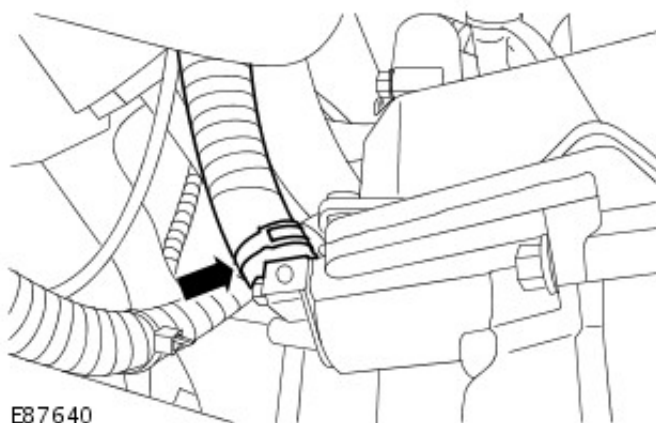
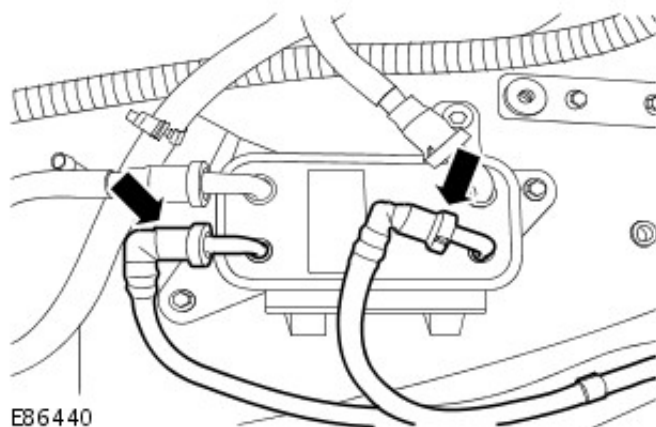
Disconnect the 2 fuel cooler coolant pipes.

- Allow the coolant to drain.

6. **⚠ WARNING:** Eye protection must be worn.

Disconnect the oil thermostat coolant hose.

- Allow the coolant to drain.



453 of 1212 Remove the container.