

ENGINE COOLING – INGENIUM I6 3.0L PETROL

COOLANT EXPANSION TANK (G2344647)

REMOVAL AND INSTALLATION

26.15.01

COOLANT
EXPANSION
TANK –
RENEW

2000 CC,
INGENIUM
DIESEL

0.30

USED WITHINS

REMOVAL



WARNING:

Since injury such as scalding could be caused by escaping steam or coolant, make sure the vehicle cooling system is cool prior to starting this procedure.



CAUTION:

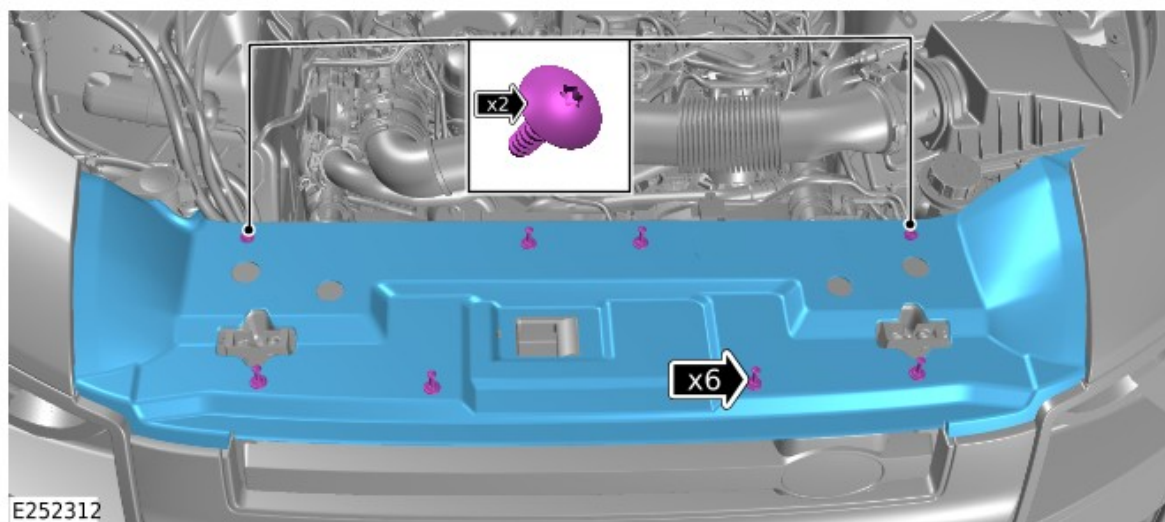
- The engine cooling system must be maintained with the correct concentration and type of engine coolant solution to prevent corrosion and frost damage. Failure to follow this instruction may result in damage to the engine.
- Engine coolant will damage the paint finished surfaces. If spilt, immediately remove the coolant and clean the area with water.
- Never remove the coolant expansion tank cap under any circumstances while the engine is operating. Failure to follow this instruction may result in damage to the engine.



NOTE:

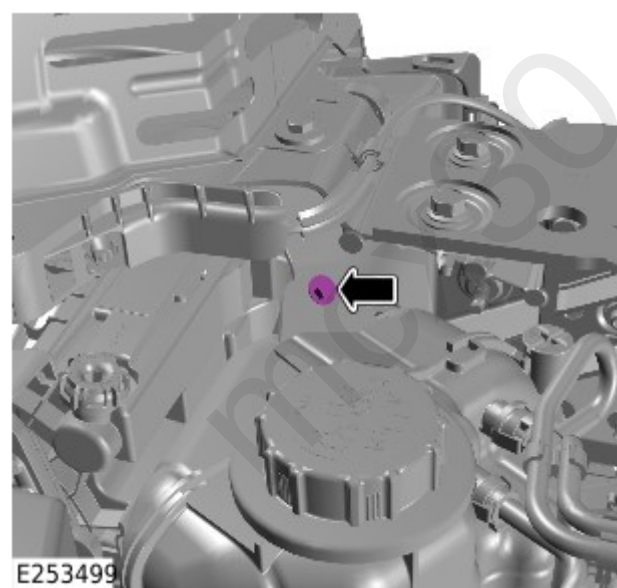
- This procedure contains some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- This procedure contains illustrations showing certain components removed to provide extra clarity.

1.



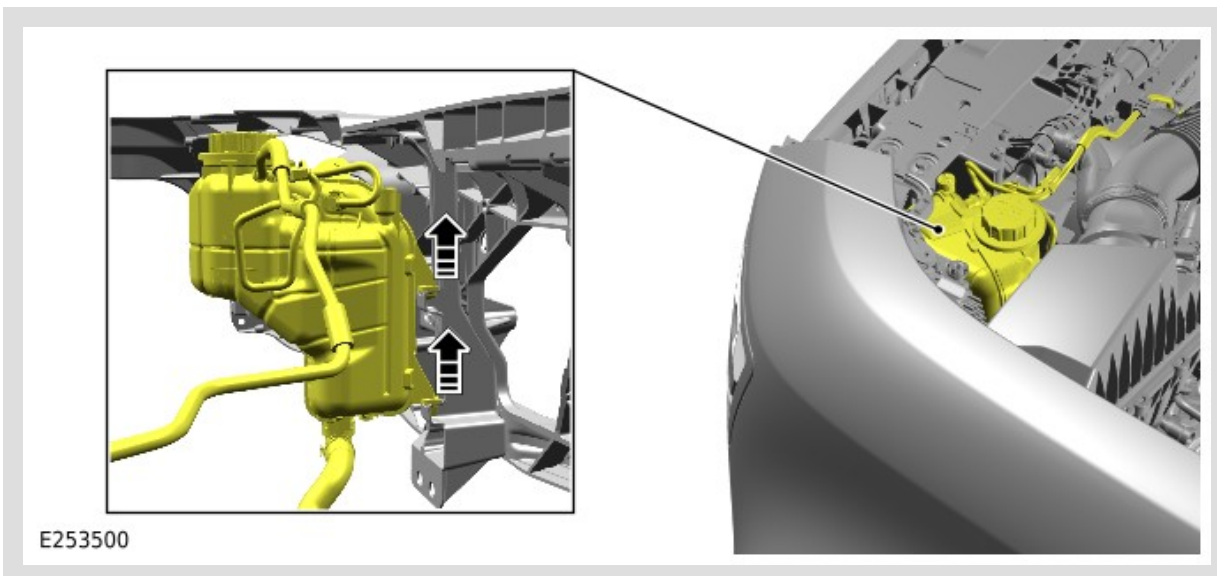
- Remove the 2 bolts.
- Remove the 6 clips.
- Remove the upper radiator grille panel.

2.



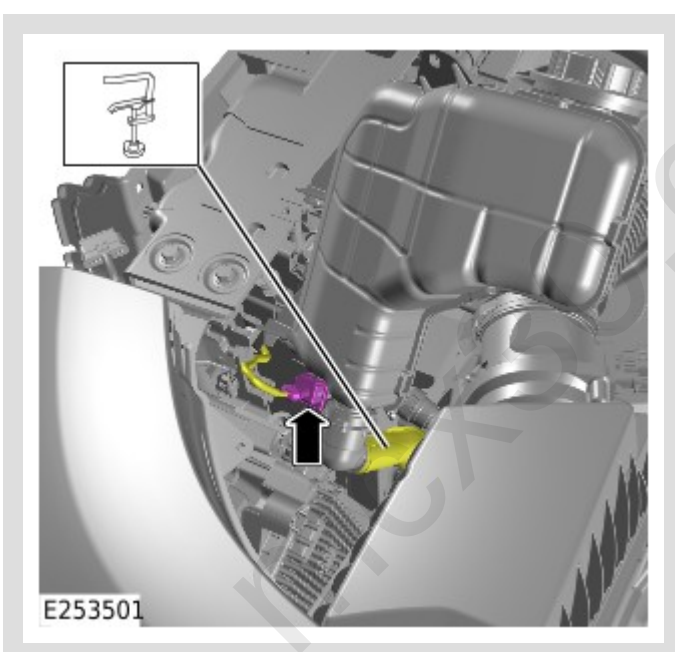
Remove the bolt from the coolant expansion tank bracket.

3.



Release the coolant expansion tank.

4.



- Disconnect the electrical connector from the coolant expansion tank level sensor.
- Use a suitable clamp tool to clamp the expansion tank outlet hose.

5.



WARNING:

Release the cooling system pressure by slowly turning the coolant expansion tank cap a quarter of a turn. Cover the expansion tank cap with a thick cloth to prevent the possibility of scalding. Failure to follow this instruction may result in personal injury.



Remove the coolant expansion tank cap.

6.

Use a suitable syringe to remove the coolant from the expansion tank.

ⓘ CAUTION:

Be prepared to collect escaping coolant.



- Disconnect the 2 coolant pipes.
- Disconnect the coolant expansion tank outlet hose.
- Remove the coolant expansion tank.

INSTALLATION

1.

- Connect the coolant expansion tank outlet hose.
- Connect the electrical connector to the coolant expansion tank level sensor.
- Remove the clamp from the coolant hose.

2.

Connect the 2 coolant pipes.

3.

Fill and bleed the cooling system.

Refer to: [Cooling System Partial Draining and Vacuum Filling](#) (303-03C Engine Cooling - INGENIUM I6 3.0 L Petrol, General Procedures).

4.

- Install the coolant expansion tank.
- Install and tighten the bolt.

Torque: 2.8Nm

5.

- Install the upper radiator grille panel.
- Install the 6 clips.
- Install and tighten the 2 bolts.

Torque: 5Nm