

Radiator Vehicles With: Supercharger 26.40.01

Removal

All vehicles



WARNING:

NEVER REMOVE THE COOLANT PRESSURE CAP UNDER ANY CIRCUMSTANCES WHILE THE ENGINE IS OPERATING. FAILURE TO FOLLOW THIS INSTRUCTION MAY RESULT IN PERSONAL INJURY.

TO AVOID HAVING SCALDING HOT COOLANT OR STEAM BLOW OUT OF THE COOLING SYSTEM, USE EXTREME CARE WHEN REMOVING THE COOLANT PRESSURE CAP FROM A HOT COOLING SYSTEM. WAIT UNTIL THE ENGINE HAS COOLED, THEN WRAP A THICK CLOTH AROUND THE COOLANT PRESSURE CAP AND TURN IT SLOWLY UNTIL THE PRESSURE BEGINS TO RELEASE. STEP BACK WHILE THE PRESSURE IS RELEASED FROM THE SYSTEM. WHEN CERTAIN ALL THE PRESSURE HAS BEEN RELEASED (STILL WITH A CLOTH) TURN AND REMOVE THE COOLANT PRESSURE CAP FROM THE COOLANT EXPANSION TANK. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY.



WARNING:

TO AVOID THE POSSIBILITY OF PERSONAL INJURY, DO NOT OPERATE THE ENGINE WITH THE HOOD OPEN UNTIL THE FAN BLADES HAVE BEEN EXAMINED FOR CRACKS AND SEPARATION. FAILURE TO FOLLOW THIS INSTRUCTION MAY RESULT IN PERSONAL INJURY.



WARNING:

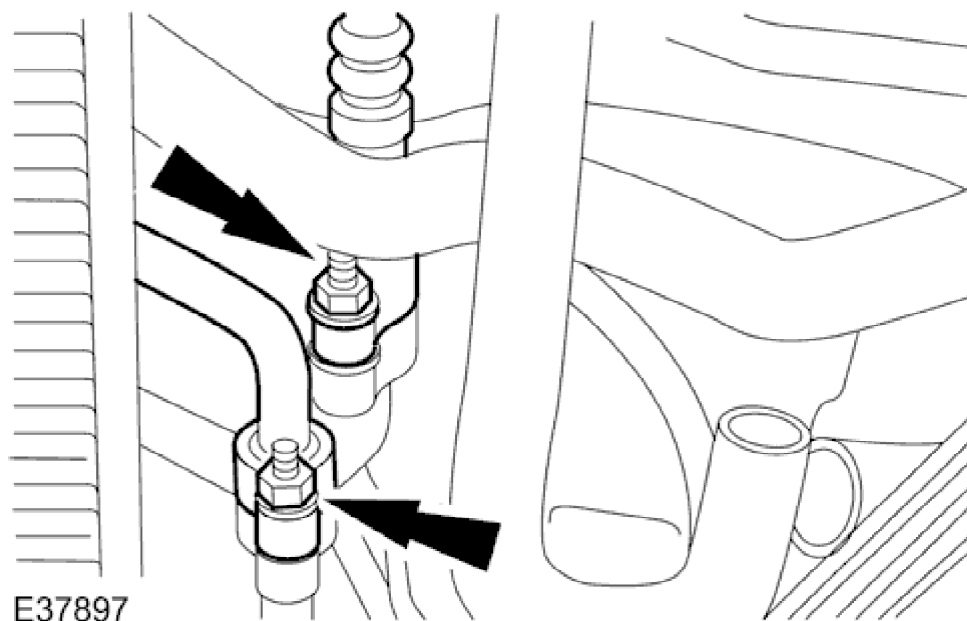
REMOVE FUSE 14 FROM THE ENGINE MANAGEMENT FUSE BOX PRIOR TO PERFORMING ANY UNDER HOOD SERVICE IN THE AREA OF THE COOLING FAN WHEN THE ENGINE IS HOT, SINCE THE COOLING FAN MOTOR COULD OPERATE IF THE ENGINE HAS BEEN SWITCHED OFF. FAILURE TO FOLLOW THIS INSTRUCTION MAY RESULT IN PERSONAL INJURY.



CAUTION:

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 cause damage to the vehicle.

1. Carry out the air conditioning (A/C) system recovery procedure. <<412-00>>
2. Remove the supercharger coolant pump. <<303-03A>><<303-03B>>
3. Remove the cooling fan motor and shroud. <<Cooling Fan Motor and Shroud>>



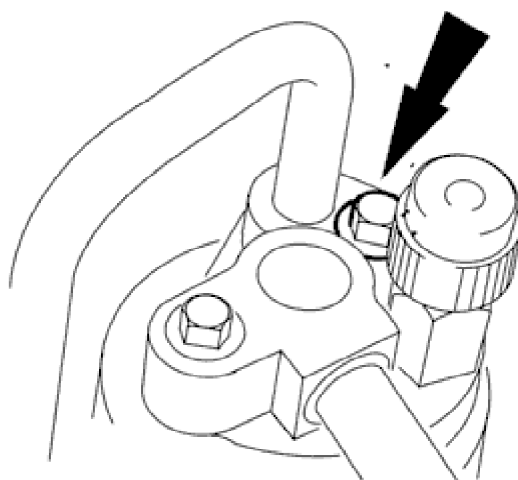
E37897

4. **NOTE:**

Cap the exposed ports.

Disconnect the air conditioning pipes.

- Remove the retaining nuts.
- Remove and discard the O-ring seals.



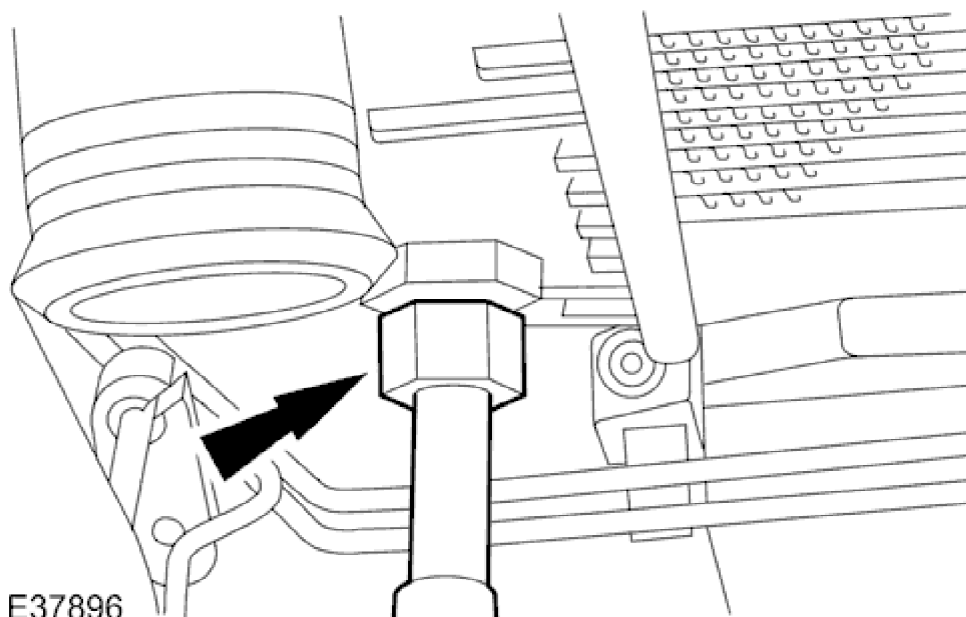
E38366

5. **NOTE:**

Cap the exposed ports.

Remove the receiver drier to condenser pipe.

- Remove the retaining bolt.
- Remove and discard the O-ring seal.



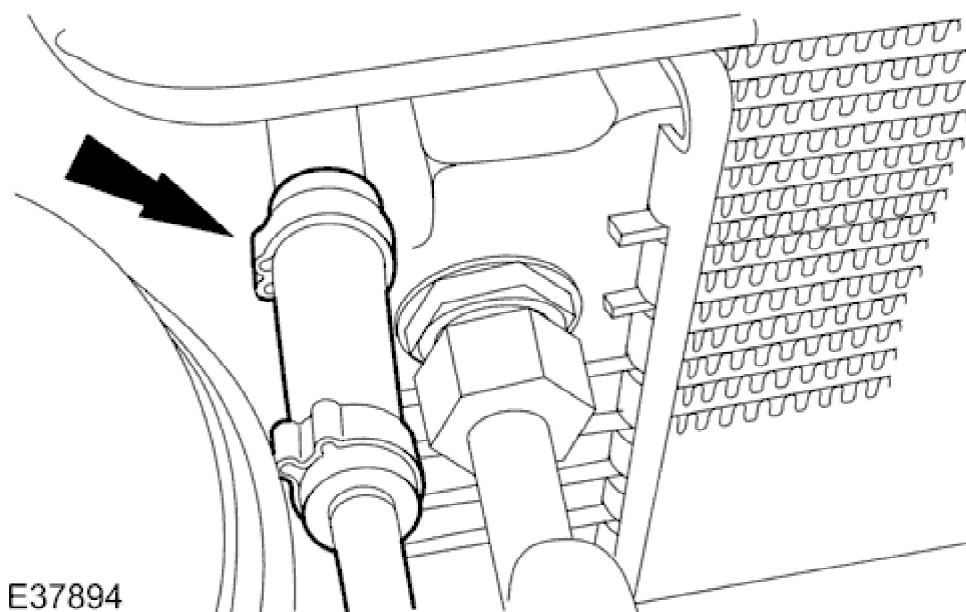
E37896

6. **NOTE:**

Cap the exposed ports.

Disconnect the transmission oil cooler lower pipe.

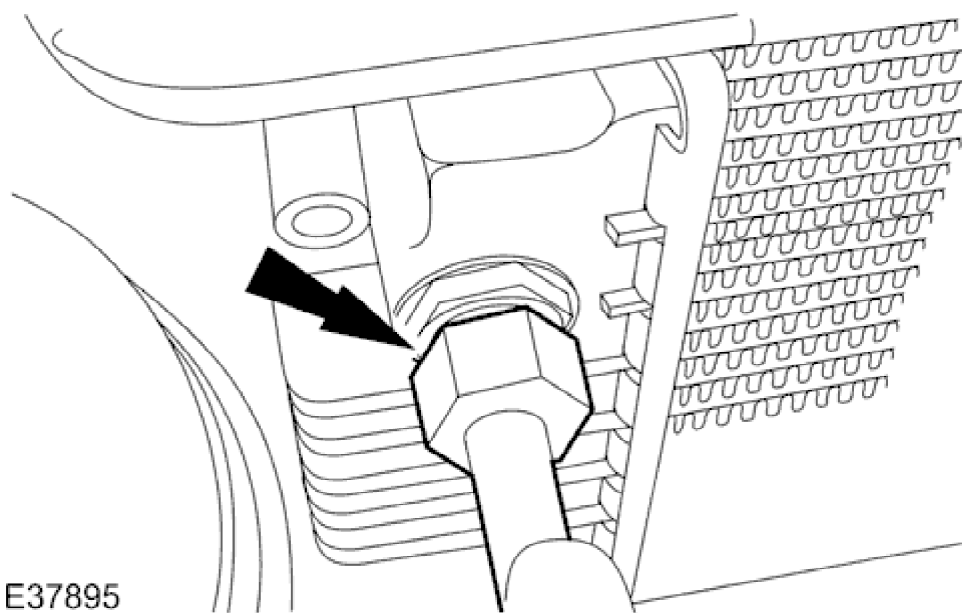
- Remove and discard the O-ring seal.



E37894

7. Disconnect the radiator vent hose.

- Release the retaining clip.



E37895

8. **NOTE:**

Cap the exposed ports.

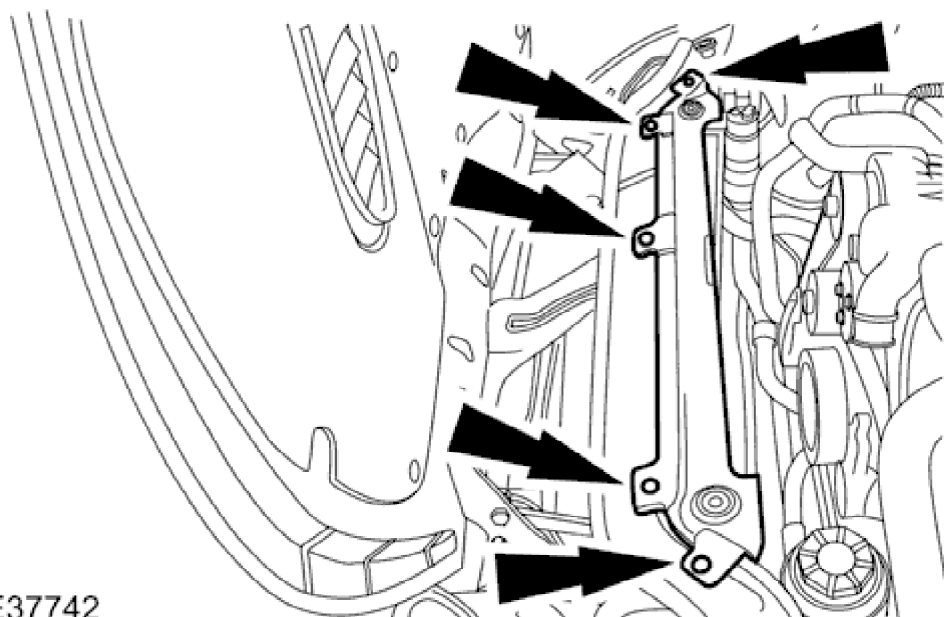
Disconnect the transmission oil cooler upper pipe.

- Remove and discard the O-ring seal.

Vehicles with convertible top

9. Remove the radiator grille opening cross brace. <<501-02>>

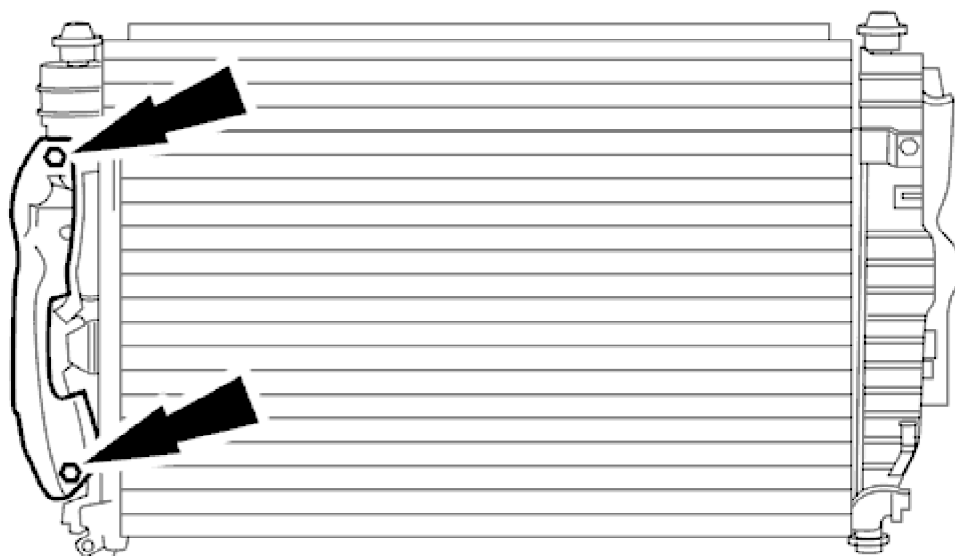
All vehicles



E37742

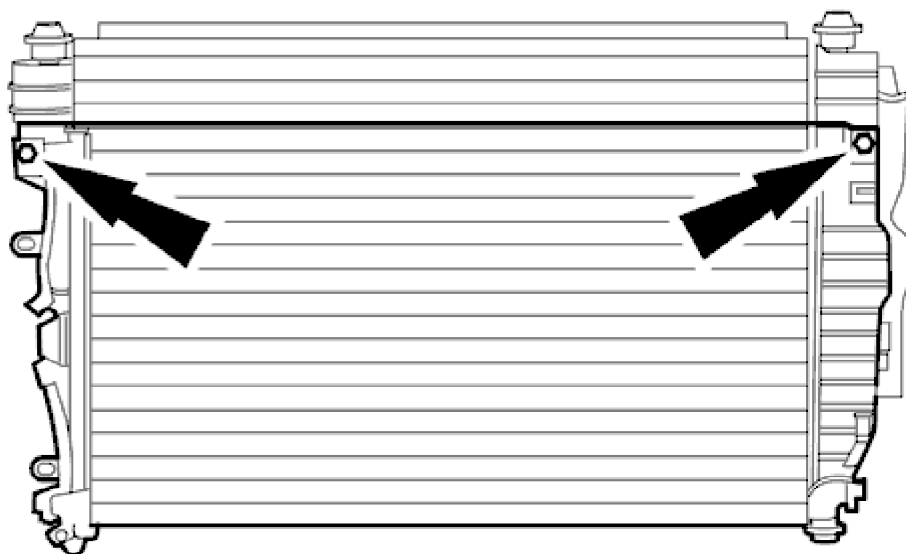
10. Remove the radiator.

- Remove the radiator support bracket.



E37728

11. Remove the condenser pipe protection bracket.

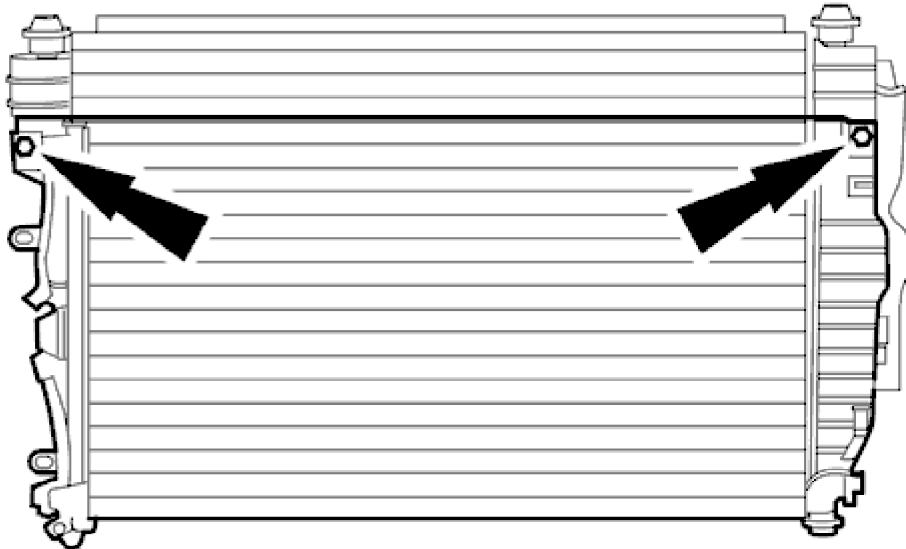


E37729

12. Remove the radiator.
• Remove the retaining bolts.

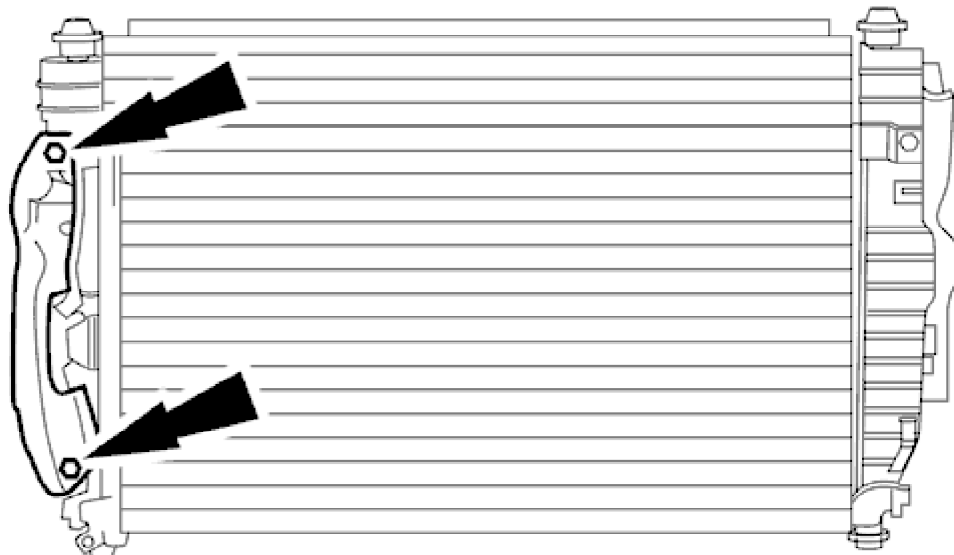
Installation

All vehicles



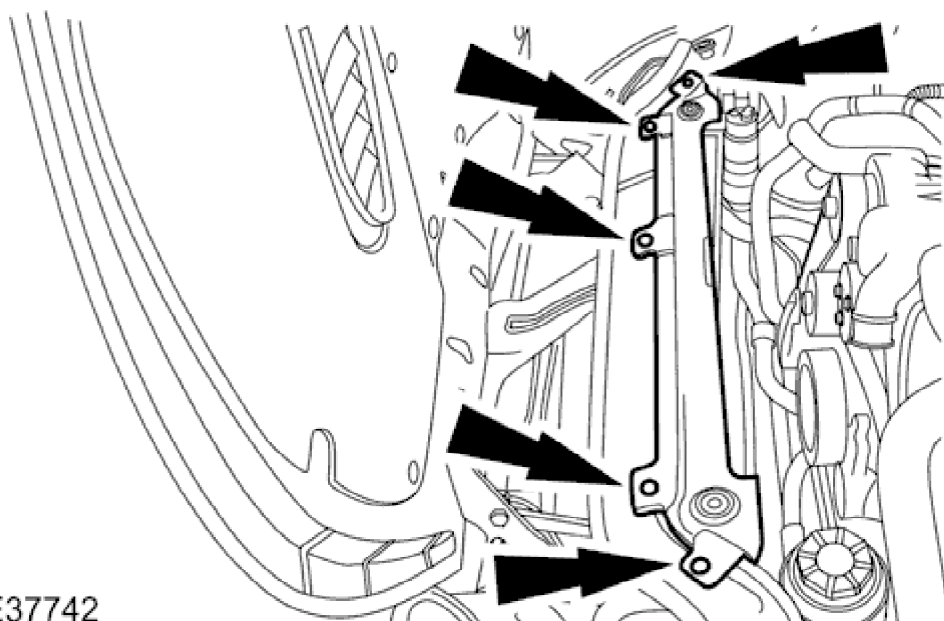
E37729

1. Install the radiator.



E37728

2. Install the condenser pipe protective bracket.



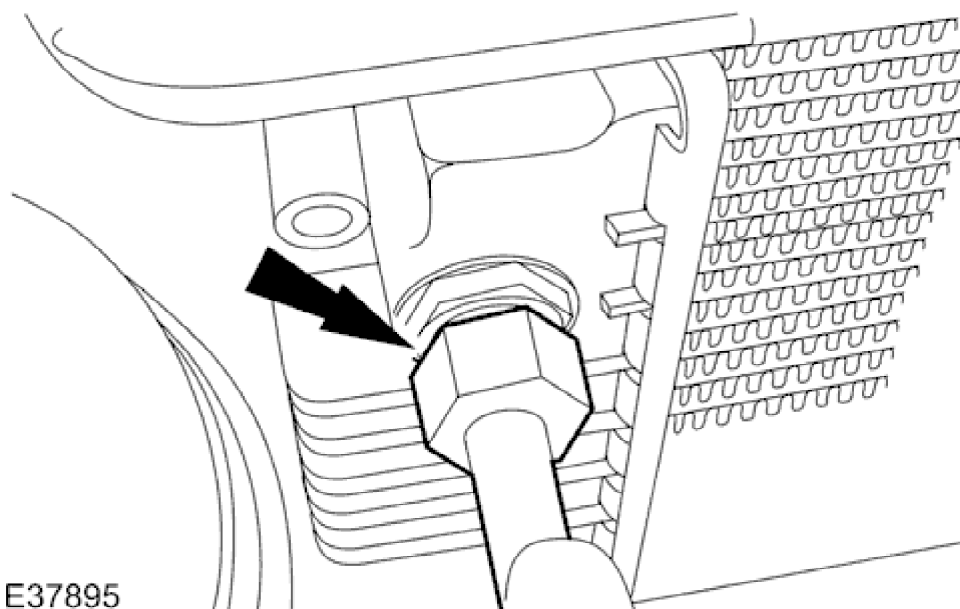
E37742

3. Install the radiator.
 - Tighten to 10 Nm.

Vehicles with convertible top

4. Install the radiator grille opening cross brace. <<501-02>>

All vehicles

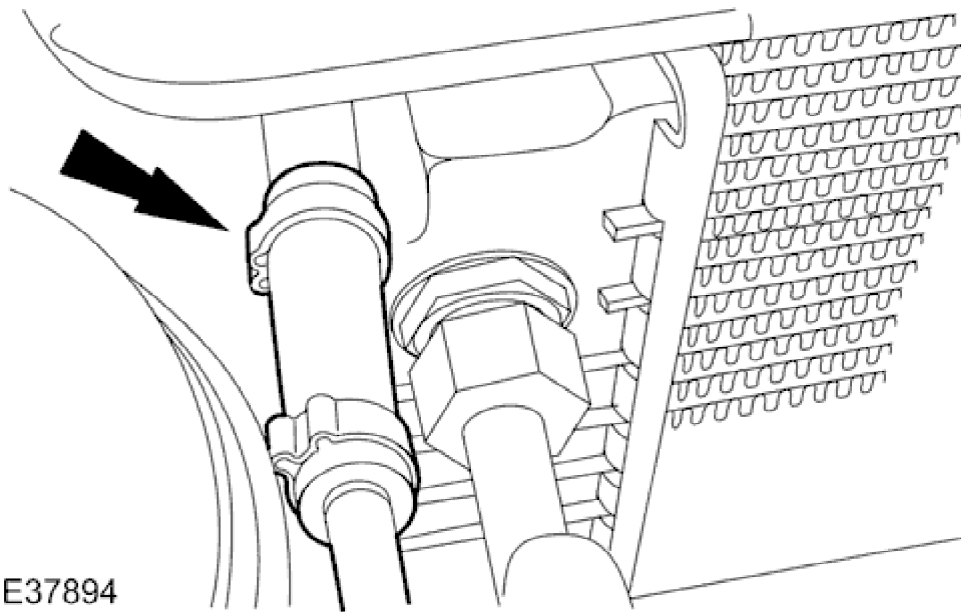


E37895

5. **NOTE:**
 - Uncap the ports.

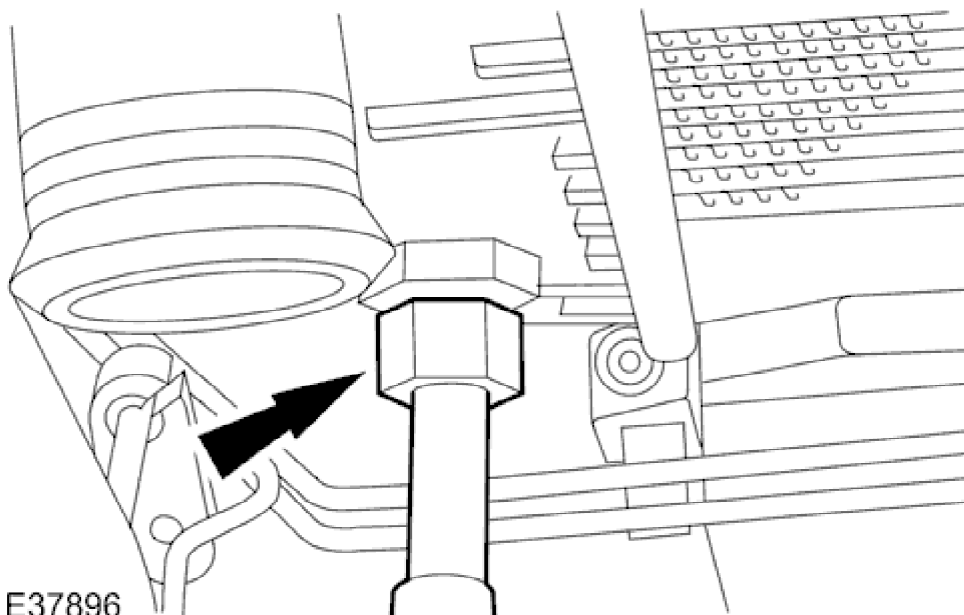
Connect the transmission oil cooler upper pipe.

- Install a new O-ring seal.
- Tighten to 20 Nm.



E37894

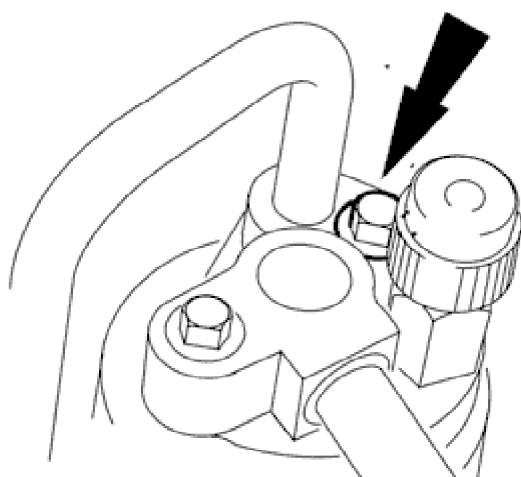
6. Connect the radiator vent hose.
- Install the retaining clip.



E37896

7. **NOTE:**
Uncap the ports.

- Connect the transmission oil cooler lower pipe.
- Install a new O-ring seal.
 - Tighten to 20 Nm.

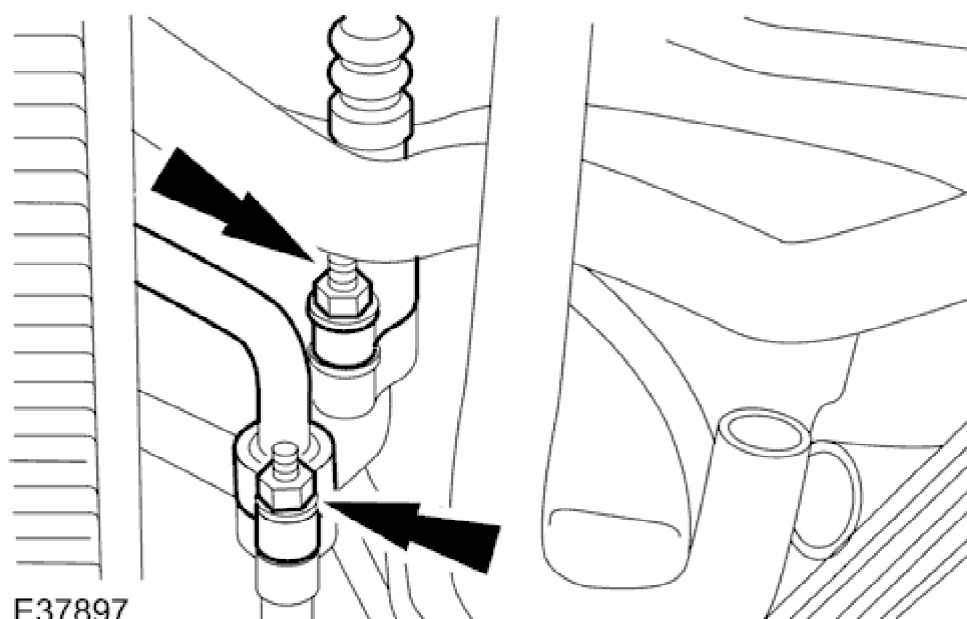


E38366

8. **NOTE:**
Uncap the ports.

Install the receiver drier to condenser pipe.

- Install a new O-ring seal.
- Tighten to 10 Nm.



E37897

9. Connect the air conditioning pipes.

- Uncap the exposed ports.
- Install new O-ring seals.
- Tighten to 10 Nm.

10. Clean off any oil residue that may contain A/C system fluorescent dye.

- Lubricate the new O-ring with A/C refrigerant oil.

11. Install the cooling fan motor and shroud. <<Cooling Fan Motor and Shroud>>

12. Install the supercharger coolant pump. <<303-03A>><<303-03B>>

13. Carry out the air conditioning (A/C) evacuation and charging procedure. <<412-00>>