


Electronic Engine Controls - V8 4.2L Petrol/V8 S/C 4.2L Petrol - Engine Coolant Temperature (ECT) Sensor


Removal and Installation

Removal

All vehicles

1. WARNINGS:

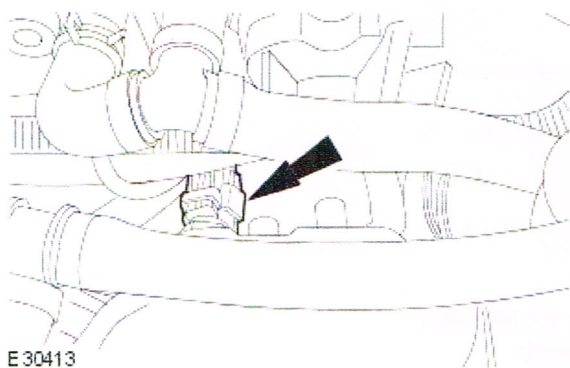
 Never remove the coolant expansion tank pressure cap under any circumstances while the engine is operating. Failure to follow this instruction may result in personal injury.

 To avoid hot coolant or steam blowing out of the cooling system, use extreme care when removing the coolant expansion tank pressure cap. Wait until the engine has cooled down, then insulate the coolant pressure cap with a suitable cloth and slowly loosen the coolant expansion tank pressure cap until the cooling system pressure is released. Do not remove the coolant expansion tank pressure cap. Step back while the pressure is released from the system. When all of the pressure has been released slowly remove the coolant expansion tank pressure cap (still with the suitable cloth in position) from the coolant expansion tank. Failure to follow this instruction may result in personal injury.

Release the cooling system pressure.

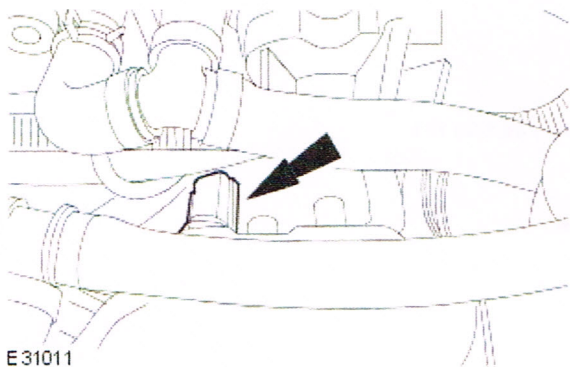
- Remove the coolant expansion tank pressure cap.

Vehicles with supercharger



E 30413

2. Disconnect the engine coolant temperature (ECT) sensor electrical connector.



E 31011

3. Remove the ECT.
 - Remove and discard the ECT sealing washer.

Vehicles without supercharger

4. Remove the air cleaner outlet pipe.
For additional information, refer to: [Air Cleaner Outlet Pipe](#) (303-12B Intake Air Distribution and Filtering - V8 4.2L Petrol/V8 S/C 4.2L Petrol, Removal and Installation).