

Air Conditioning Evaporator – Remove and Install (34 622 0)

2,0 DOHC 16V only

Workshop Equipment

Servicing unit	
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Materials

O-rings (green)	
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Remove

NOTE: “Safety Regulations” and “General Requirements and Safety Precautions for Servicing and Repairs” at the beginning of this section.

1. Standard preparatory measures:

- Make a note of the radio keycode.
- Make a note of the preset radio stations.
- Put protective covers on the fenders.

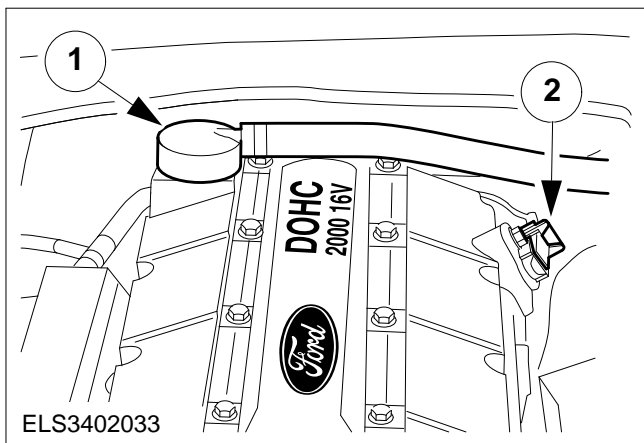


CAUTION: Disconnect the battery negative lead.

2. Drain the air conditioning as described in Op. no. 34 620 0.

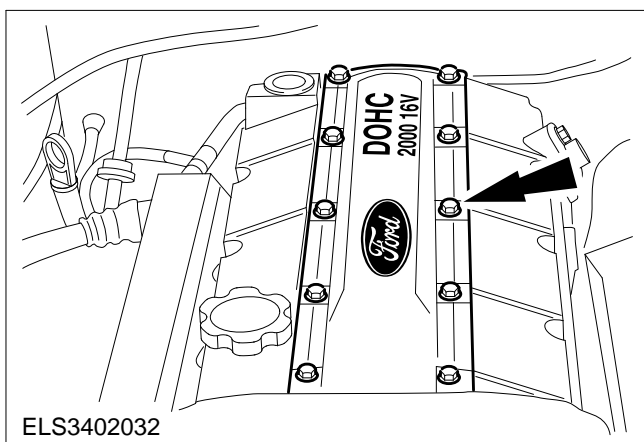
3. Detach the cylinder head cover.

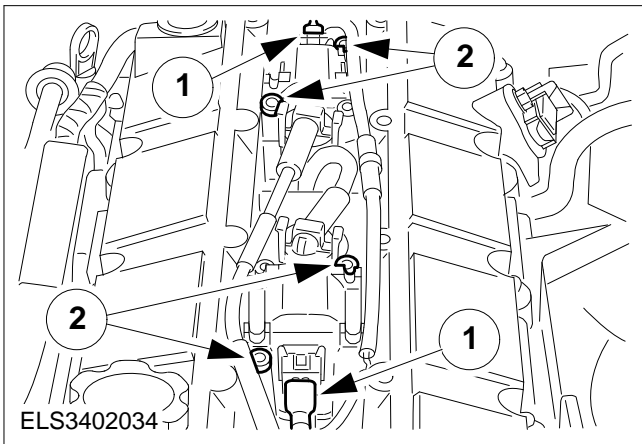
- 1 Disconnect the engine breather hose.
- 2 Disconnect the multiplug from the camshaft position sensor (CMP sensor).



4. Detach the cylinder head cover (continued).

Detach the cover from the ignition coils.

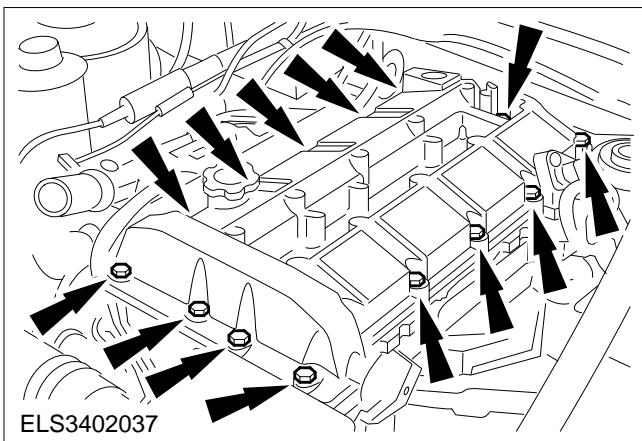




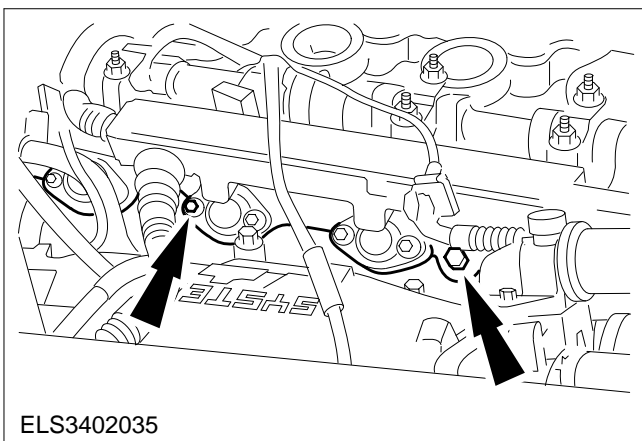
5. Detach the cylinder head cover (continued).

NOTE: Do not disconnect the ignition leads from the ignition coils.

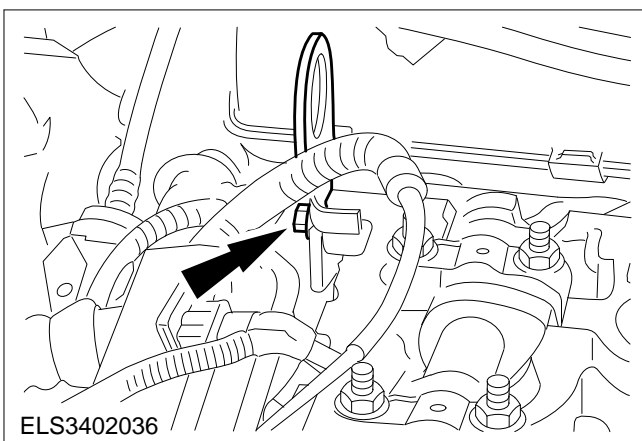
- 1 Disconnect the multiplugs from the ignition coils.
- 2 Remove the ignition coils with the ignition leads.



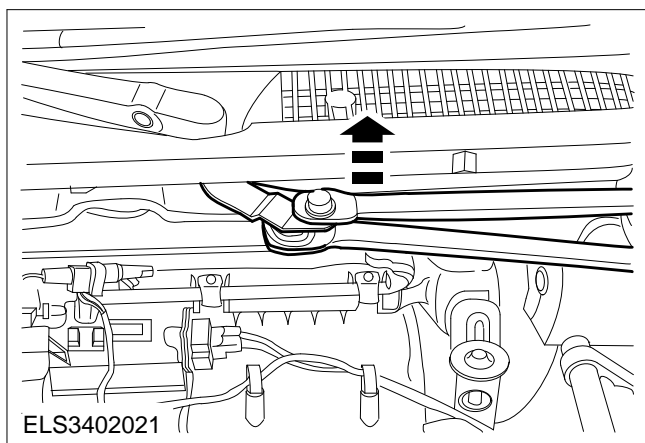
6. Detach the cylinder head cover (continued).



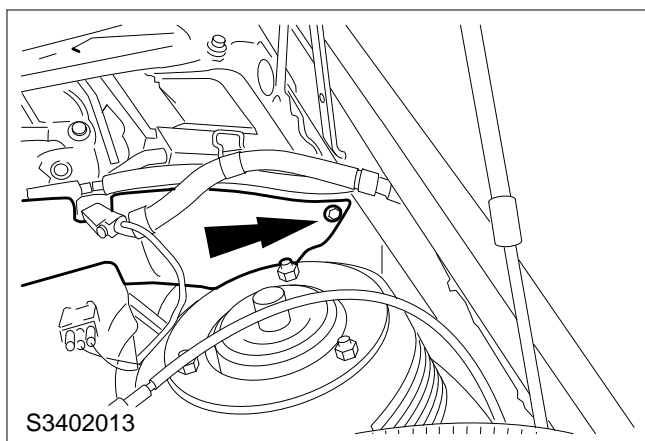
7. Detach the fuel rail.



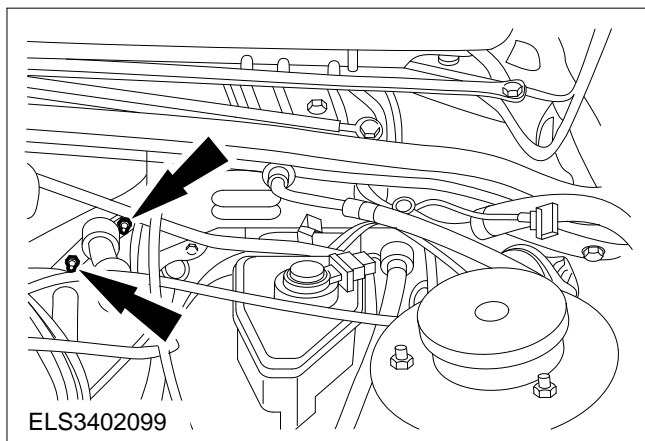
8. Detach the engine lifting eye.



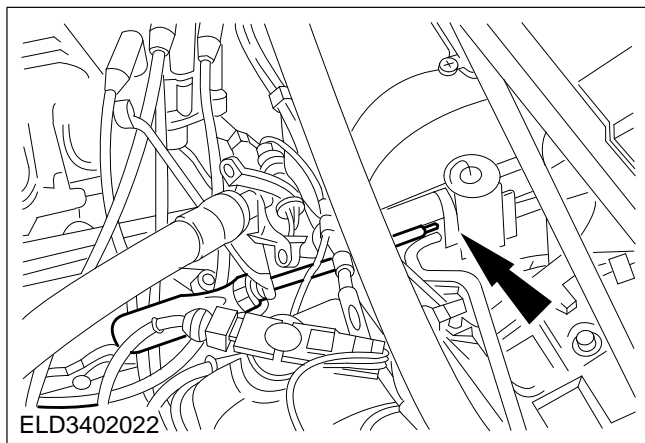
9. Prise off the windscreen wiper linkage.



10. Detach the trim from the bulkhead cover panel.

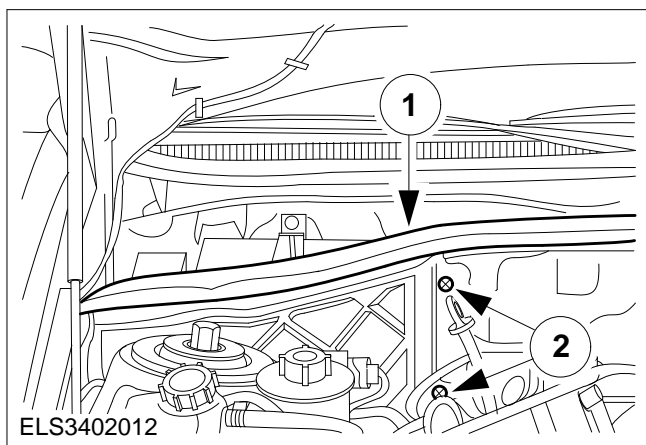


11. Detach the seal retaining plate.



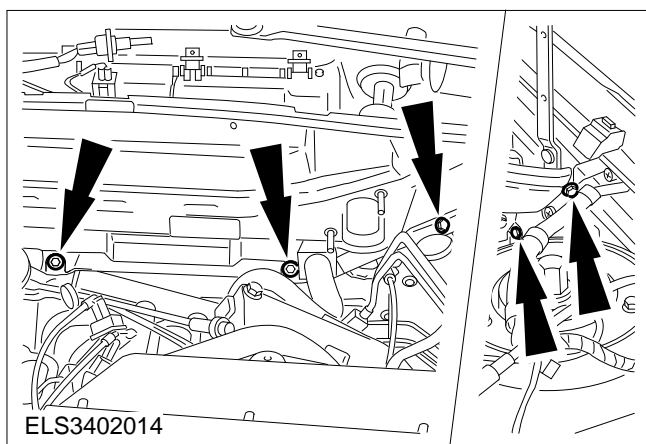
12. Detach the lines from the expansion valve.

Remove the O-rings.

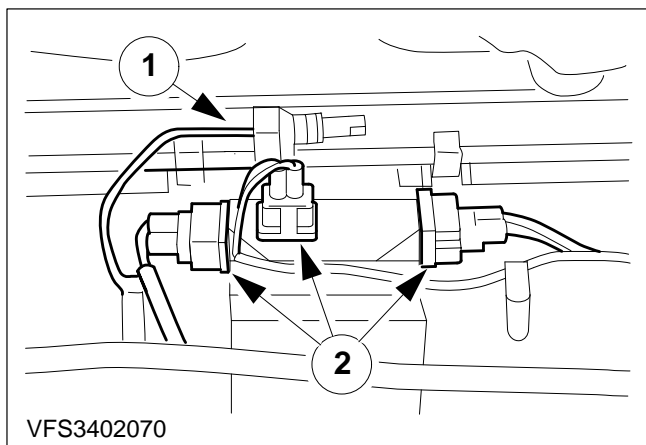


13. Detach the bulkhead extension on the passenger side.

- 1 Pull off the rubber seal.
- 2 Remove the two bolts.

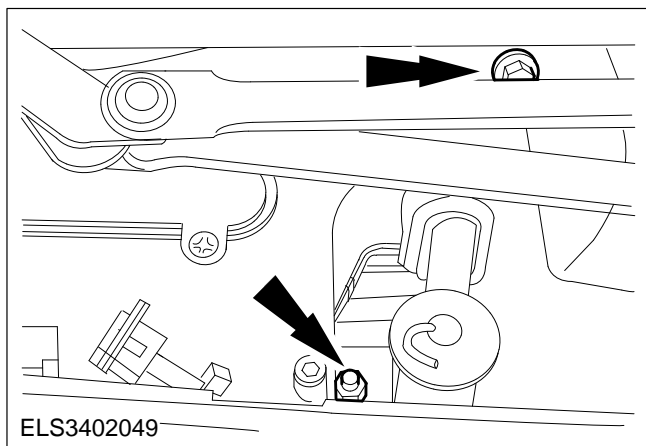


14. Detach the bulkhead extension.



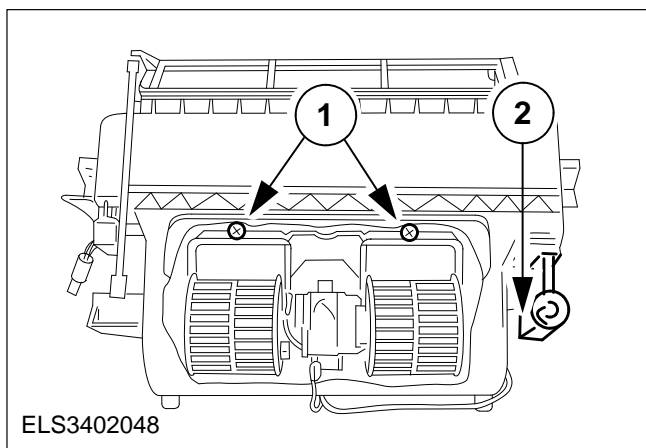
15. Remove the evaporator housing (only in case of electronically controlled air conditioning).

- 1 Disconnect the multiplug from the exterior temperature sensor.
- 2 Disconnect the three multiplugs from the heater blower control (HBC) module.



16. Remove the evaporator housing (continued).

- Disconnect the blower motor wiring and the ground lead.
- Disconnect the multiplugs from the control motor and the de-ice switch.
- Remove the vacuum accumulator.
- Remove one bolt and one nut on each side.

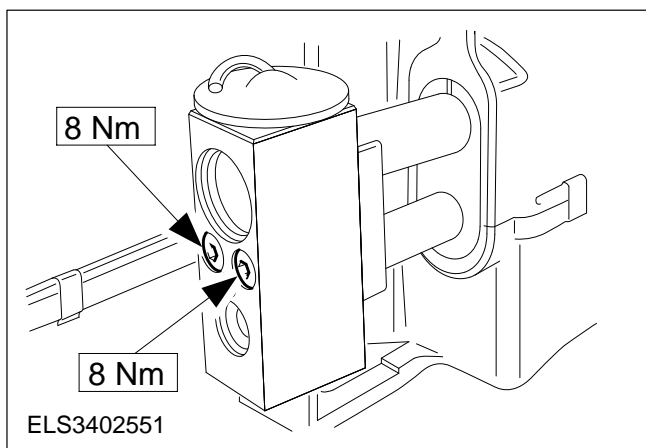
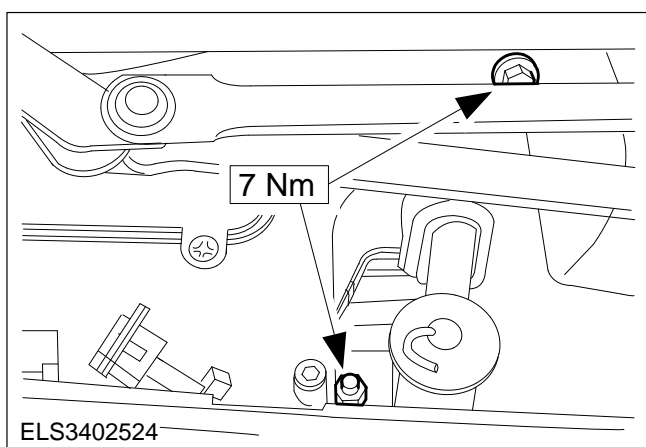
**17. Remove the evaporator.**

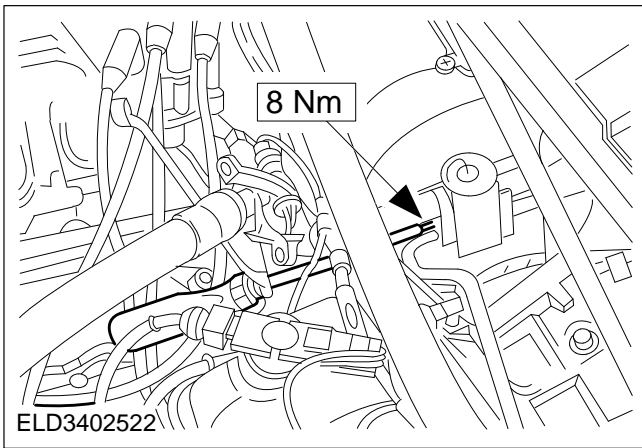
- 1 Remove the two bolts.
- 2 Detach the expansion valve (two bolts).

Remove the 21 clips and separate the housing halves.

Install

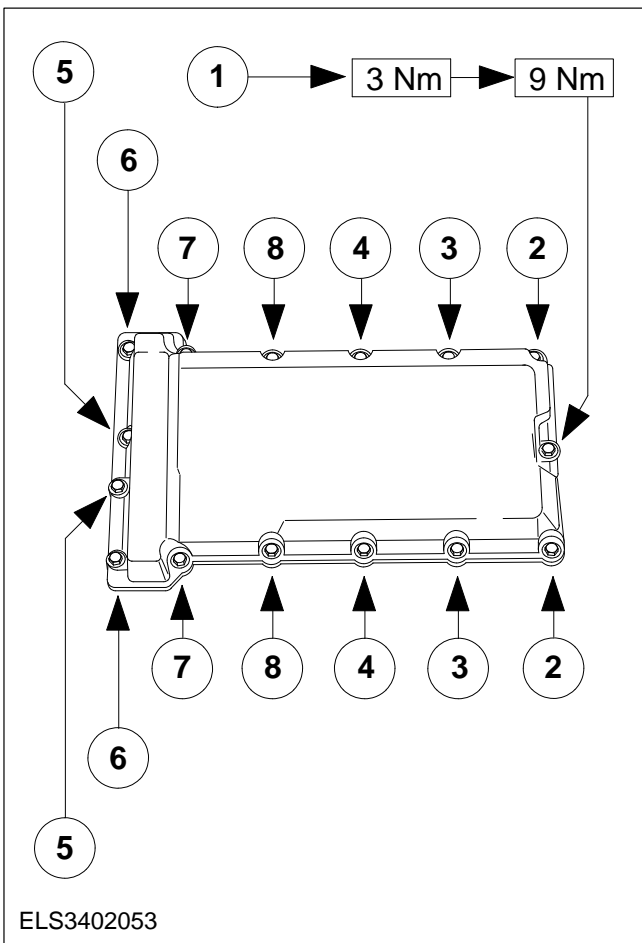
NOTE: Torques

18. Refit the components in the reverse order.**19. Fit the expansion valve.****20. Fit the evaporator housing.**



NOTE: Fit new O-rings.

21. Attach the lines to the expansion valve.



NOTE: Fit a new gasket.

22. Fit the cylinder head cover (eleven bolts and four nuts).

23. Standard finishing operations:

- Connect the battery negative lead.
- Take off the protective covers.
- Enter the radio keycode.
- Reprogramme the preset radio stations.
- Reset the clock.
- Road test the vehicle to collect data for the PCM.

24. Evacuate and fill the air conditioning system as described in Op. no. 34 620 0.