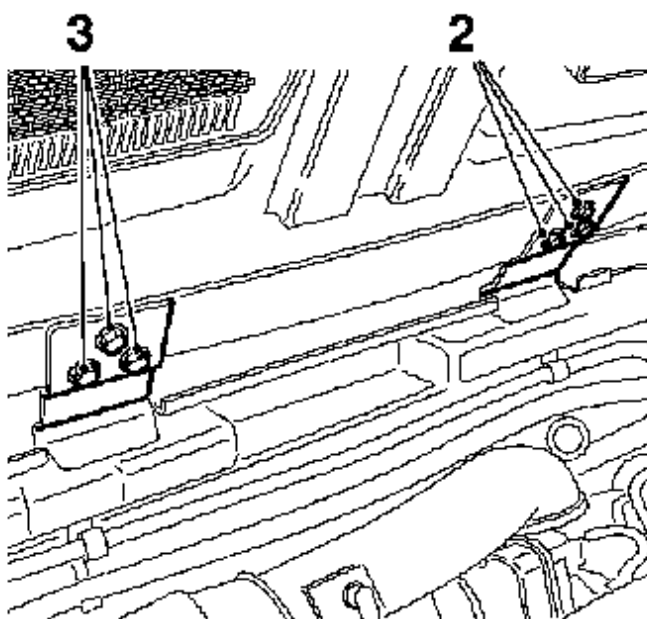
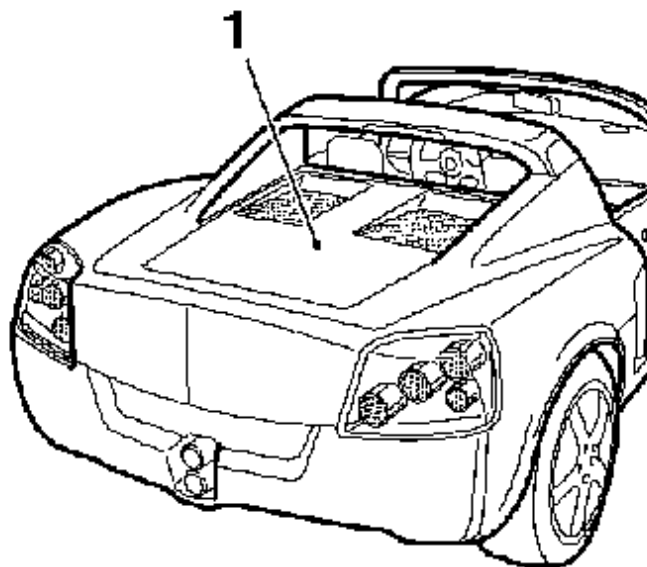


Exhaust Manifold Gasket, Replace (Z 22 SE)



Remove

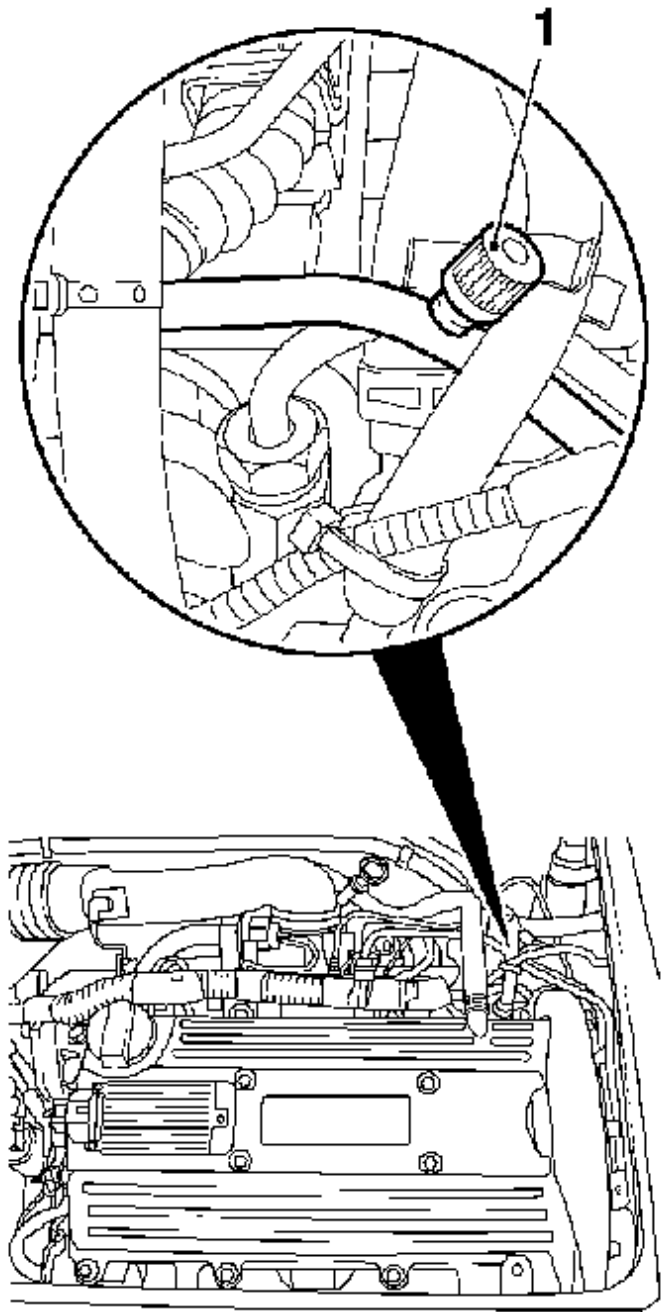
1. Open the bonnet.
2. Disconnect the battery.
3. Open the engine cover (1).
4. Detach the engine cover.
 - 6 bolts (2) and (3)



L0008715

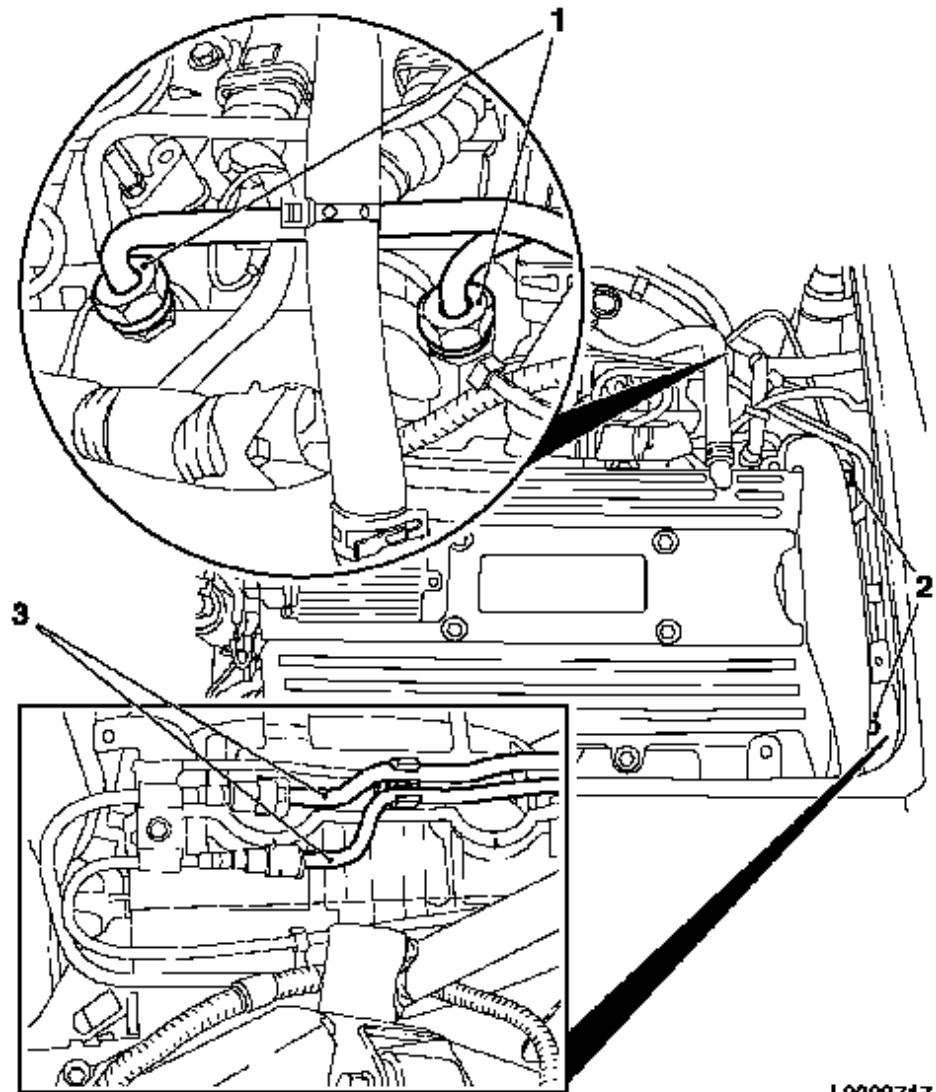
5. Release the fuel pressure.
 - **Warning!**
Fuel may escape – observe the safety regulations and relevant national legislation.
 - Release the fuel pressure with the pressure tester **KM-J-34730-91** via test connection (2).

- Collect any escaping fuel in a suitable container.



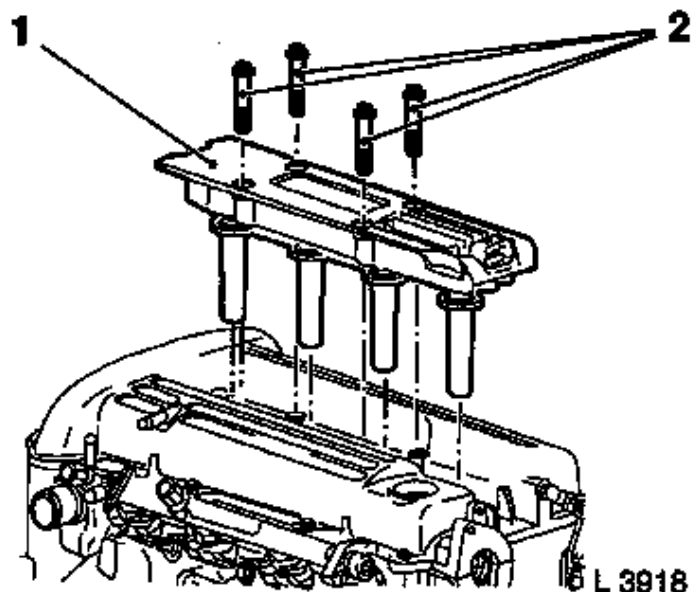
L0008716

6. Disconnect the fuel lines.
- 2 union nuts (1)
 - 2 bolts (2)
 - Reposition the fuel lines (3) to one side.



L0008717

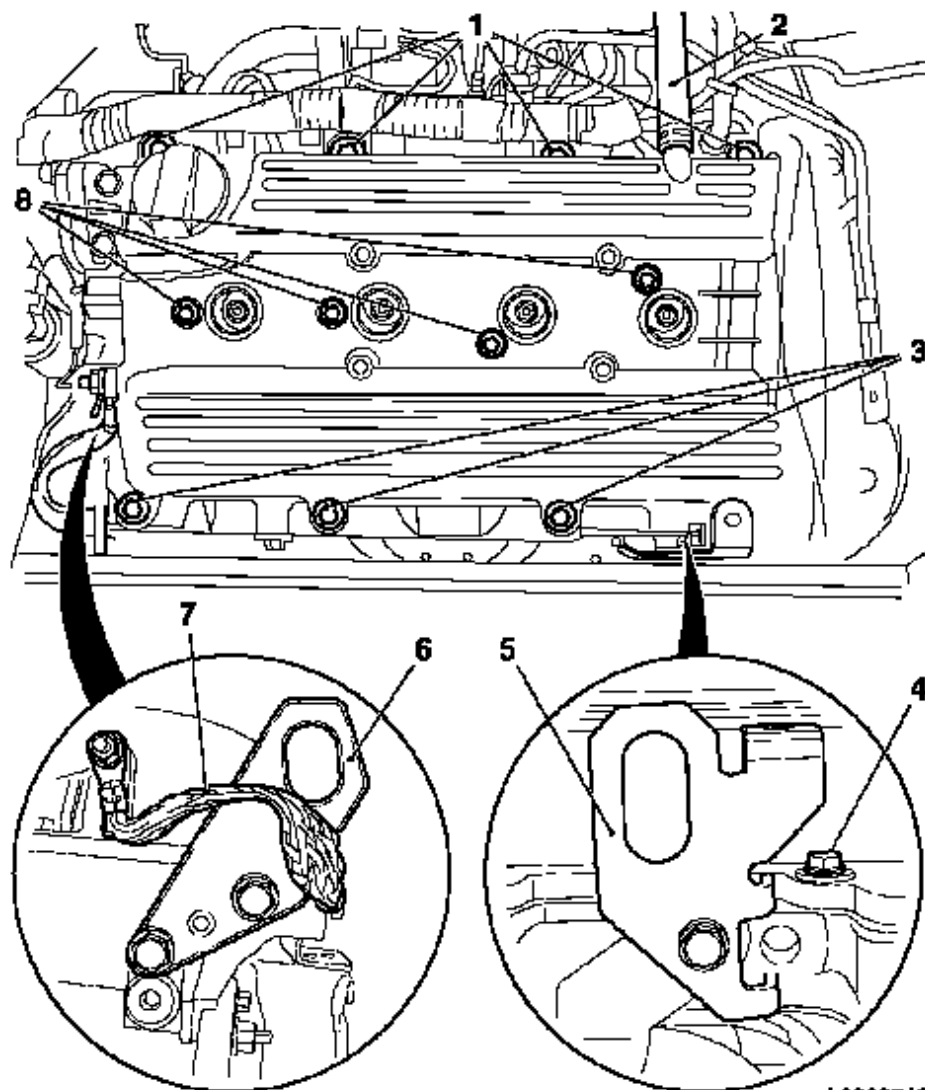
7. Detach the ignition module (1).
- Release and detach the wiring harness connector.
 - 4 bolts (2)



L 3918

8. Remove the cylinder head cover.

- Detach the engine breather hose (2).
- Detach the engine lifting eyes (5) and (6).
 - 2 bolts, 1 nut
- Detach the ground cable (7).
 - 1 bolt
- 12 bolts (1), (3), (4) and (8)



L0008718

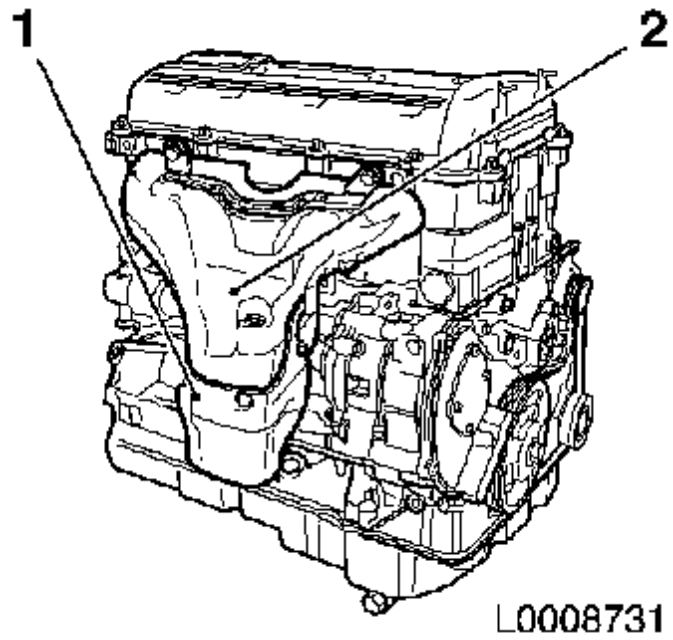
9. Remove the lower heat shield (1).

- 3 bolts

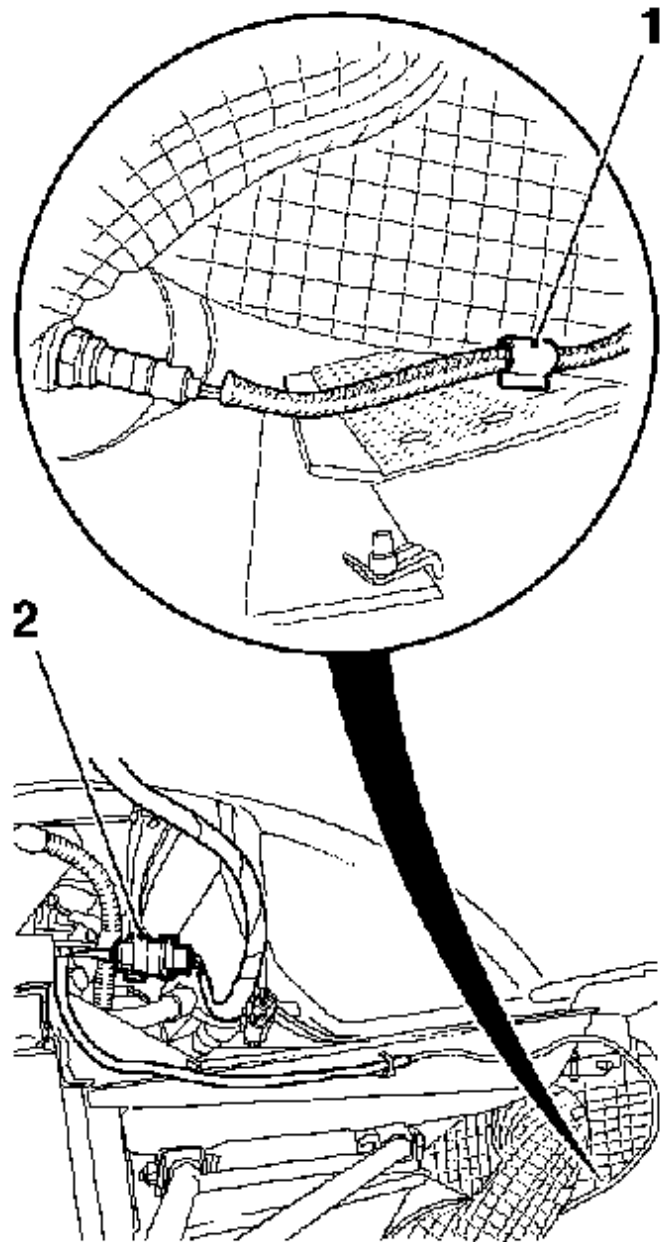
10. Detach the upper heat shield (2).

- 3 bolts

11. Raise the lifting ramp.

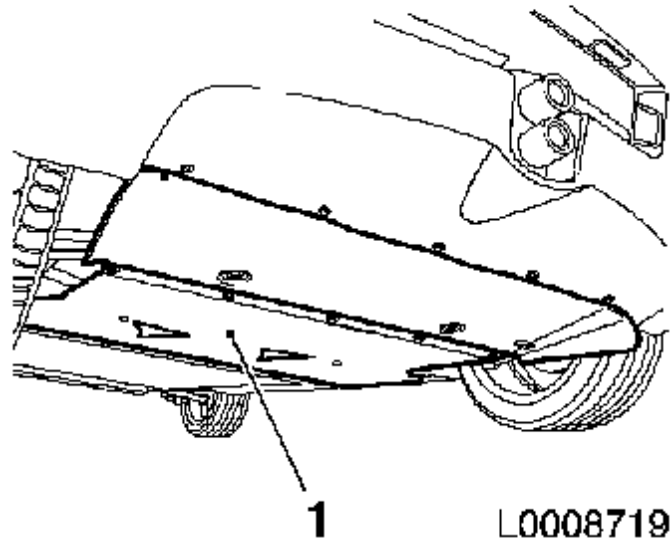


12. Detach the rear left-hand wheel.
13. Detach the rear left-hand wheel arch trim.
 - 6 bolts
14. Disconnect the lambda probe wiring harness connector (2).
 - Expose the wiring harness.
 - 5 clips, 1 retaining clip (1)



L0008732

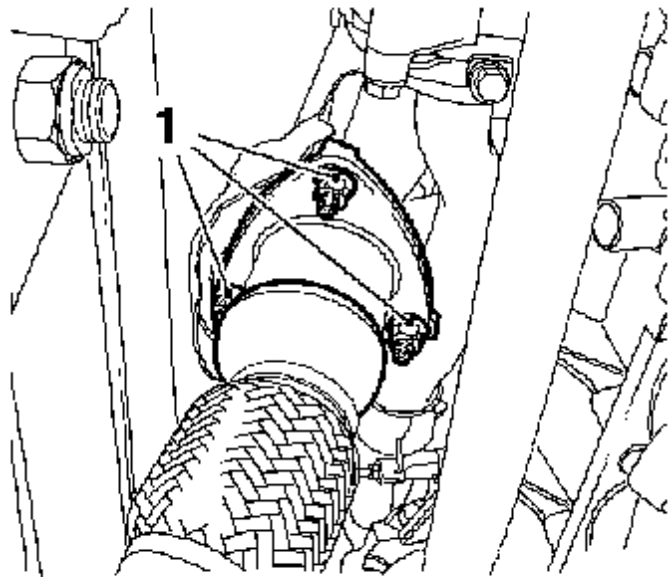
15. Raise the lifting ramp.
16. Remove the lower engine splash shield (1).
 - 13 bolts



17. Detach the front exhaust pipe.

- 3 nuts (1)
- Remove the gasket.

18. Lower the lifting ramp.

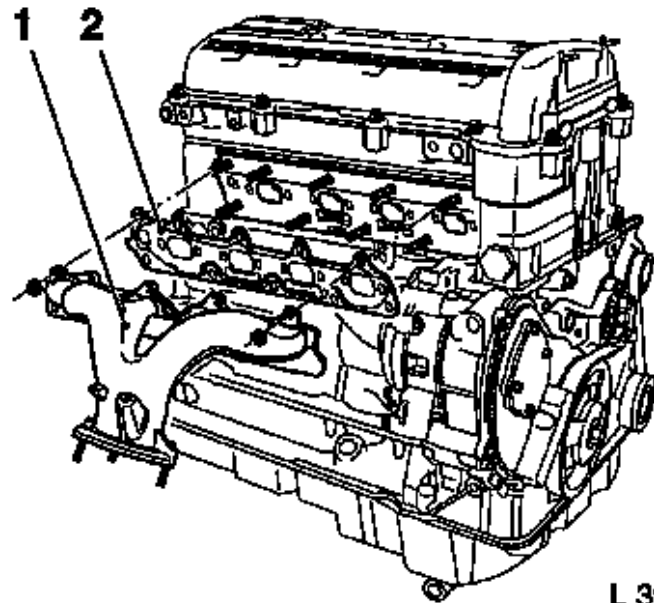


19. Remove the exhaust manifold (1).

- 10 nuts.
- Remove the gasket (2).

20. Clean the sealing surfaces.

- Exhaust manifold, cylinder head, front exhaust pipe.

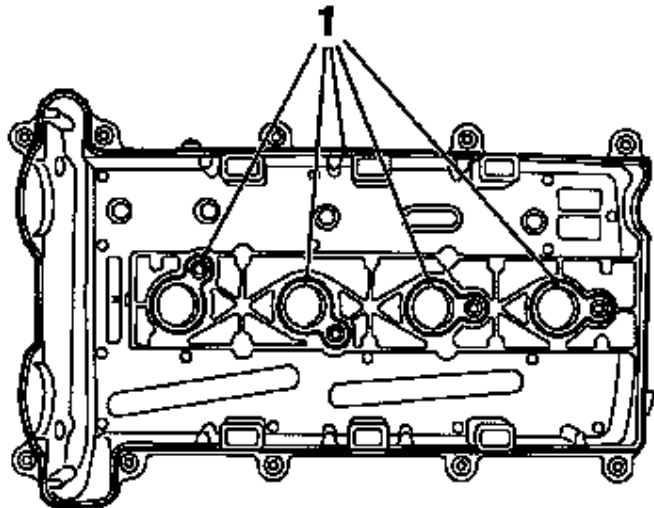
**L 3915****Install**

21. Install the exhaust manifold.
 - Use a new gasket.
 - Use new nuts.
 - Tightening torque **12 Nm**
 - Wait for 30 seconds.
 - Tightening torque **12 Nm**
22. Raise the lifting ramp.
23. Attach the front exhaust pipe.
 - Use a new gasket.
 - Tightening torque **16 Nm**
24. Attach the lower engine splash shield.
 - 13 bolts
25. Lower the lifting ramp.
26. Connect the lambda probe wiring harness connector.
 - Route the wiring harness.
27. Install the wheel arch trim.
 - 6 bolts
28. Attach the rear left-hand wheel.
 - Do not tighten yet.
29. Lower the lifting ramp.
30. Tighten the rear left-hand wheel.
 - Tightening torque **90 Nm**
31. Attach the upper heat shield.
 - Attach the engine lifting eye.
 - 1 nut
 - 3 studs

- Tightening torque **23 Nm**
32. Install the lower heat shield.
 - Tightening torque **8 Nm**
 33. Detach the ground cable from the cylinder head.
 - 1 bolt
 34. Attach the cylinder head cover
 - Clean the sealing surfaces.
 - Use new gaskets.

Note: The sealing lips of the seals (1) must be inserted into the groove on the cylinder head cover.

 - Tightening torque **9 Nm**
 - Attach the ground cable
 - Tightening torque **9 Nm**
 - Attach the engine lifting eyes.
 - 2 bolts, 1 nut
 35. Attach the engine breather hose.
 36. Attach the fuel line bracket.
 - Tightening torque **8 Nm**
 37. Attach the ignition module.
 - Tightening torque **9 Nm**
 - Attach and secure the wiring harness connector.
 38. Connect the fuel lines.
 - 2 union nuts
 - Tightening torque **10 Nm**
 - 2 bolts
 - Tightening torque **9 Nm**
 39. Install the rear engine cover.
 - Check the alignment.
 - 6 bolts, tightening torque **14 Nm**
 40. Close the rear engine cover.
 41. Connect the battery.
 42. Close the bonnet.
 43. Reprogram the volatile memories.



L 5706