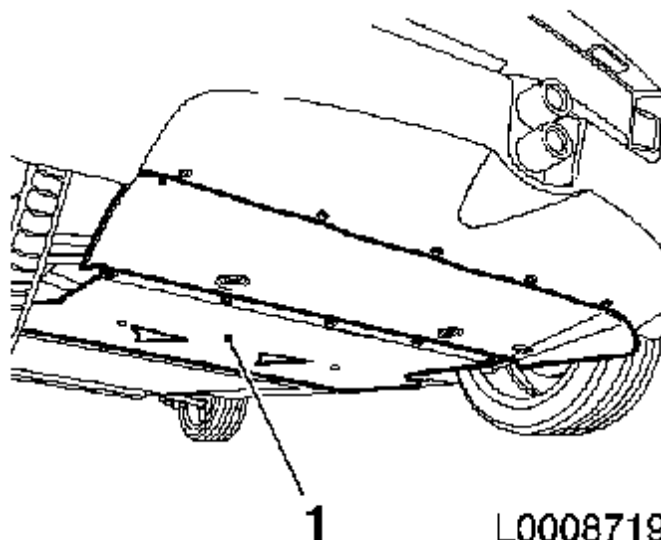


Crankshaft Pickup, Replace (Z 22 SE)

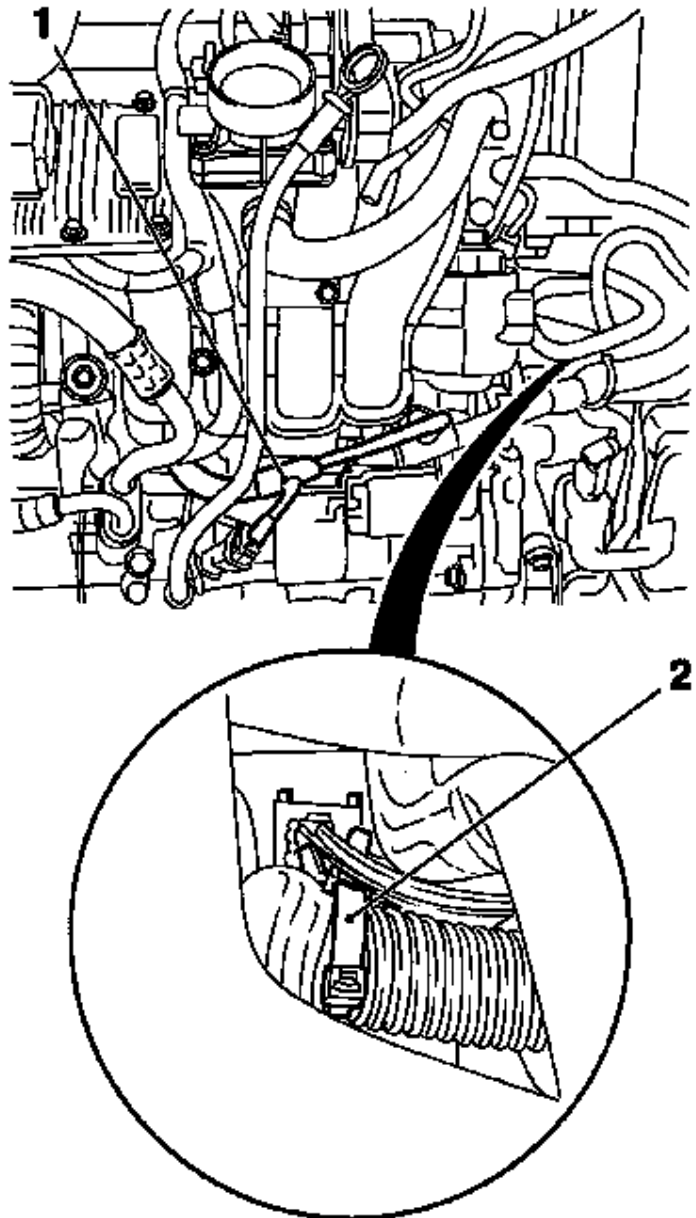


Remove

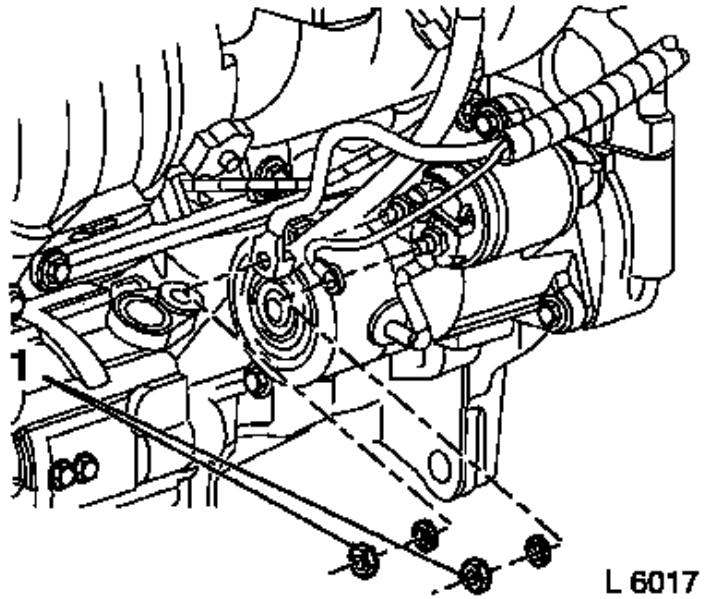
1. Open the bonnet.
2. Disconnect the battery.
3. Open the rear engine cover.
4. Raise the lifting ramp.
5. Remove the lower engine splash shield (1).
 - 13 bolts



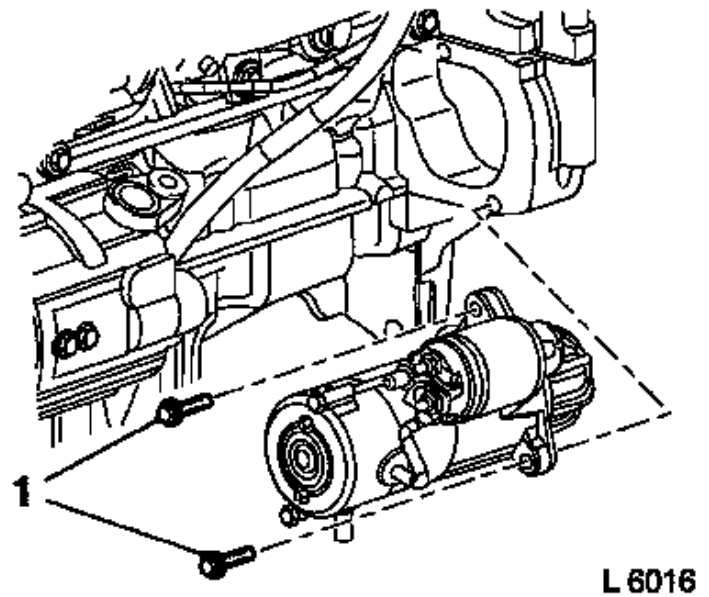
6. Detach the starter motor wiring harness.
 - 1 clip (2)
7. Detach the alternator wiring harness (1).
 - 2 clips

**L 6022**

8. Disconnect the starter motor wiring connectors.
- 2 nuts (1)



9. Remove the starter.
- 2 bolts (1)



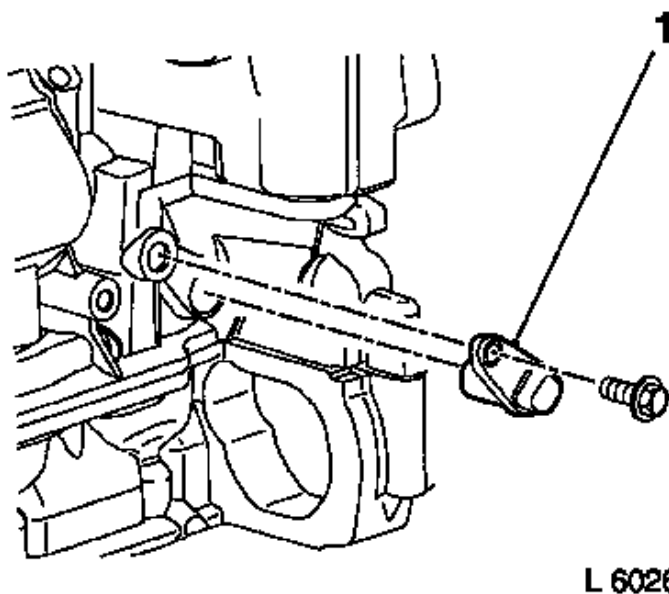
10. Remove the crankshaft pickup (1).
- Detach the wiring harness connector.
 - 1 bolt



Install

11. Install the crankshaft pickup.
- Use a new oil seal.
 - 1 bolt
 - Tightening torque **9 Nm**

- Attach the wiring harness connector.
12. Install the starter motor.
- Tightening torque **40 Nm**



13. Connect the starter motor wiring connectors.
- 2 nuts.
14. Attach the alternator wiring harness.
- 2 clips
15. Attach the starter motor wiring harness.
- 1 clip
16. Attach the engine undershield.
- 13 bolts
17. Lower the lifting ramp.
18. Close the rear engine cover.
19. Connect the battery.
20. Close the bonnet.
21. Reprogram the volatile memories.