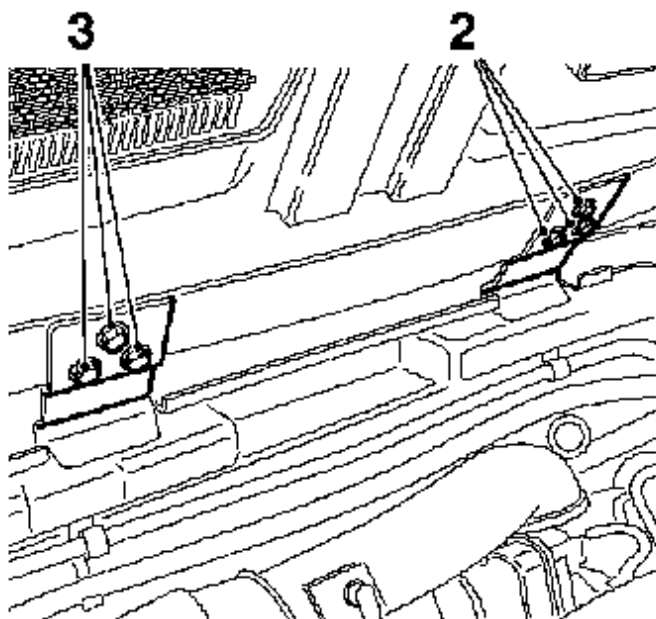
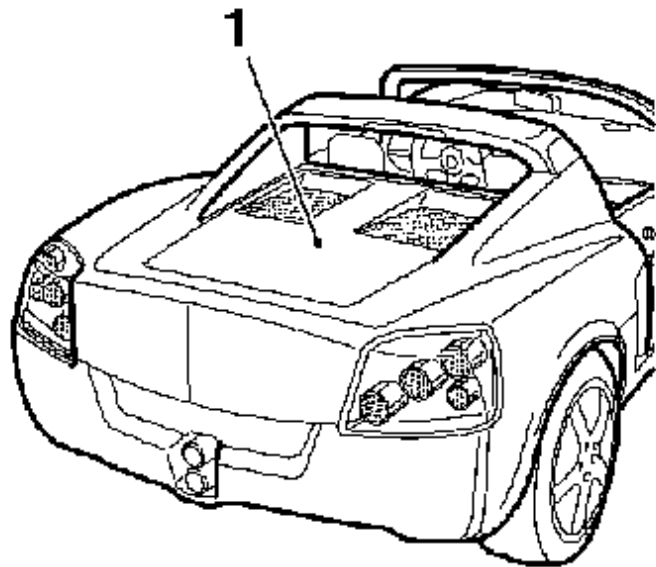


## Oil Dipstick Guide Tube, Replace (Z 22 SE)



**Remove**

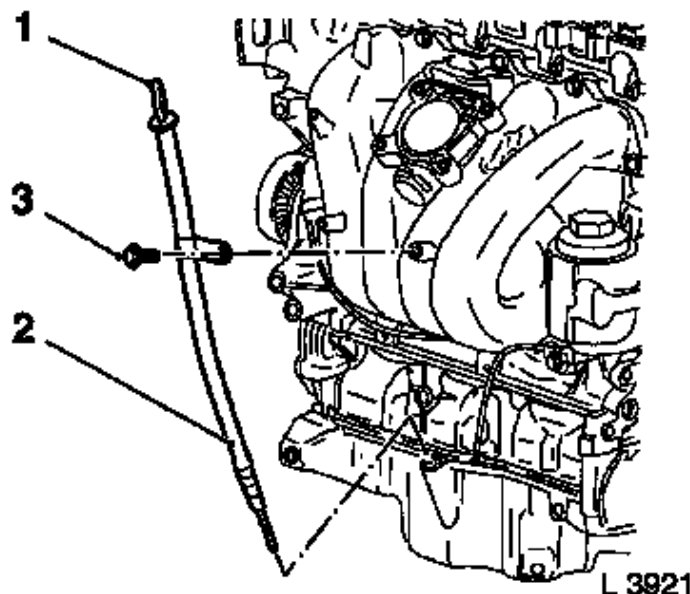
1. Open the bonnet.
2. Disconnect the battery.
3. Open the rear engine cover (1).
4. Detach the rear engine cover.
  - 6 bolts (2) and (3)



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5. Undo the bolts on the oil dipstick guide tube (2).
  - Pull out the oil dipstick (1).
  - 1 bolt (3)
6. Remove the oil dipstick guide tube.
  - Detach the knock sensor wiring harness connector.
  - Pull the oil dipstick guide tube out from

the oil pan and take it out to the bottom.



#### Install

7. Insert the oil dipstick guide tube.
  - Use new oil seals.
    - Coat the oil seals with silicone grease (white).
  - Insert the oil dipstick guide tube as far as the stop into the oil pan.
  - Attach the knock sensor wiring harness connector.
8. Attach the oil dipstick guide tube.
  - Tightening torque **9 Nm**
  - Insert the oil dipstick.
9. Install the rear engine cover.
  - Check the alignment.
  - 6 bolts, tightening torque **14 Nm**
10. Close the rear engine cover.
11. Connect the battery.
12. Close the bonnet.
13. Reprogram the volatile memories.