

11 36 655**Removing and installing/replacing both solenoid valves (N55)****Important!**

On removing and installing the VANOS solenoid valve (intake) and VANOS solenoid valve (exhaust), adhere to conditions of absolute cleanliness.

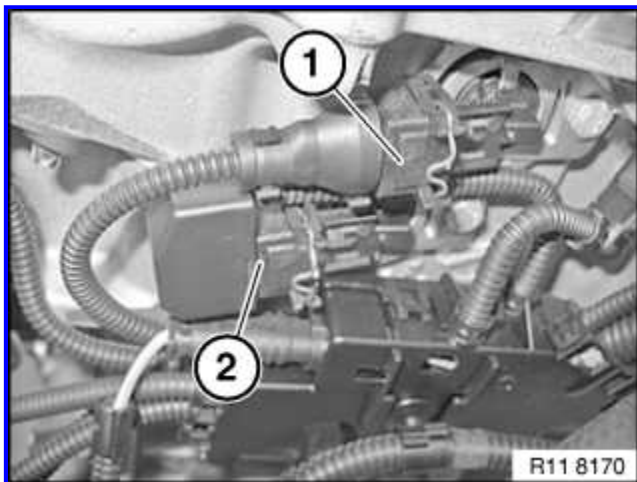
Possible malfunction if there is dirt contamination in the valves:

- Irregular operation
- OBD fault entry
- Exhaust gas emission characteristics.
- Low engine performance

*Necessary preliminary tasks:*

- Remove [ignition coil cover](#).

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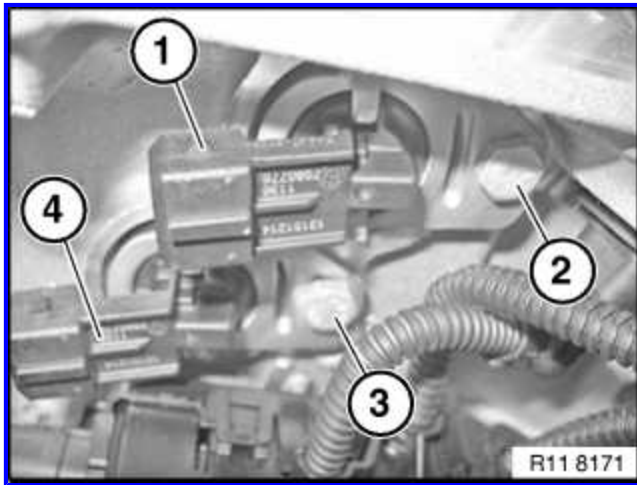


Disconnect plug connection (1) on VANOS intake solenoid valve.

Disconnect plug connection (2) on VANOS exhaust solenoid valve.

Release screw (2).

Remove VANOS intake solenoid valve (1) with holder towards

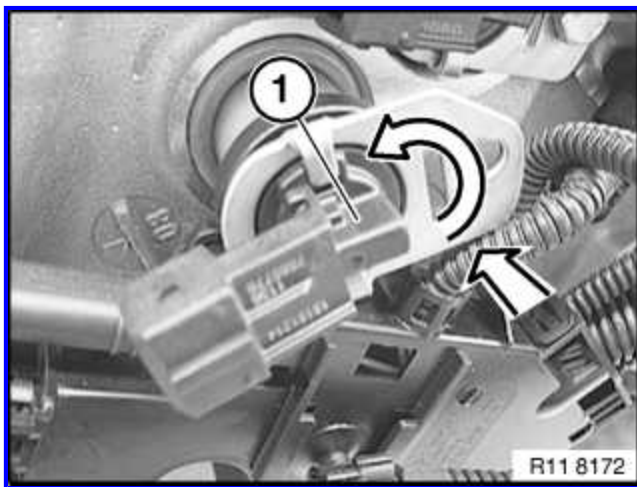


the front.

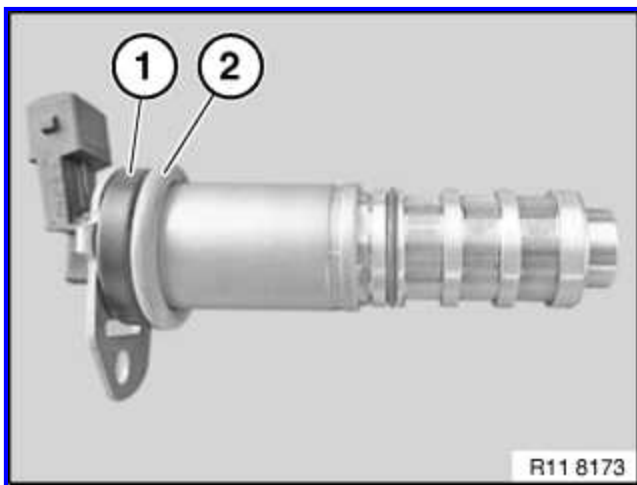
Release screw (3).

Move VANOS exhaust solenoid valve (4) with holder approx. 10 millimetres towards the front

Tightening torque [11 36 3AZ](#).



Turn the VANOS exhaust solenoid valve (1) approx. 90° in direction of arrow until it can be removed from the front on engine wiring harness.



Remove O-ring (2).

Remove support ring (1).

Installation note:

Replace support and O-rings.

Assemble engine.

Check function of Digital Engine Electronics.

