

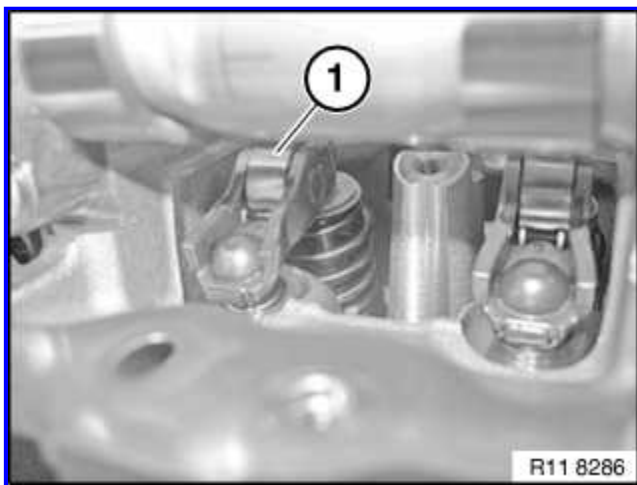
11 33 050**Removing and installing/replacing all
rocker arms (N55)****Special tools required:**

- [11 4 481](#)
- [11 4 482](#)

**Necessary preliminary tasks:**

- Remove [cylinder head cover](#).
- Remove [intermediate lever](#).
- Remove [exhaust camshaft](#).

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**Important!**

Roller cam followers (1) on intake side are divided into bearing classes.

The tolerance classes are marked according to the graphic in numbers from 1 to 5.

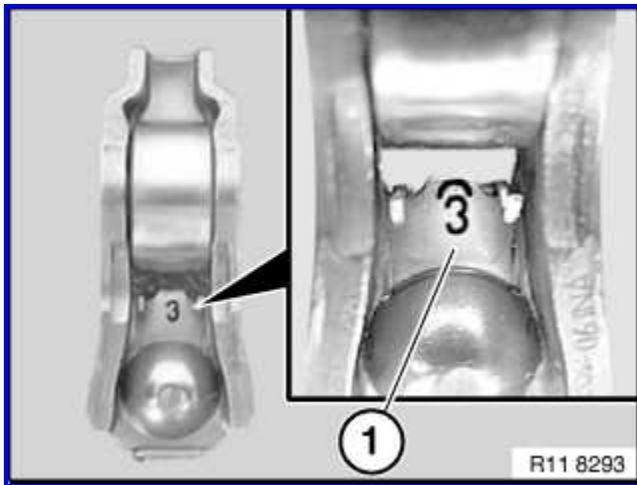
Already used roller cam followers (1) may only be reused in the same position.

Loosen and remove roller cam followers (1) from hydraulic valve clearance compensating element.

Place all roller cam followers (1) in neat order on special tool [11 4 481](#).

Installation note:

Prior to installation of intermediate levers, ensure proper installation position of roller cam followers (1).



Classification of roller cam follower intake.

Standard: Number 3. standard.

Number 2. slow idle.

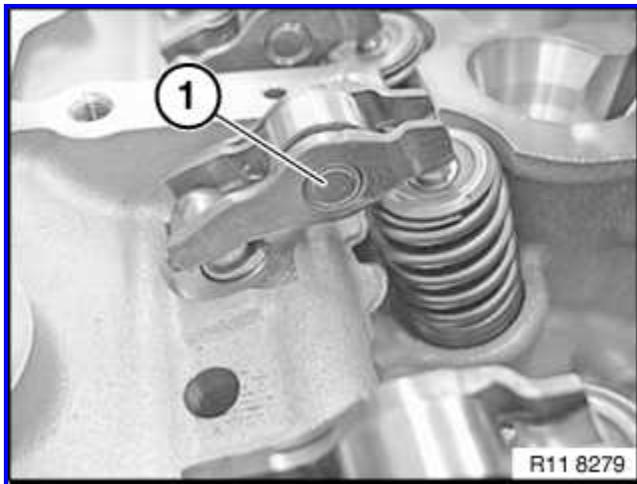
Number 4. fast idle.

In case of repair: rough idling speed.

Repair: 1

Number 1. slow speed in idle.

Number 5. high speed in idle.

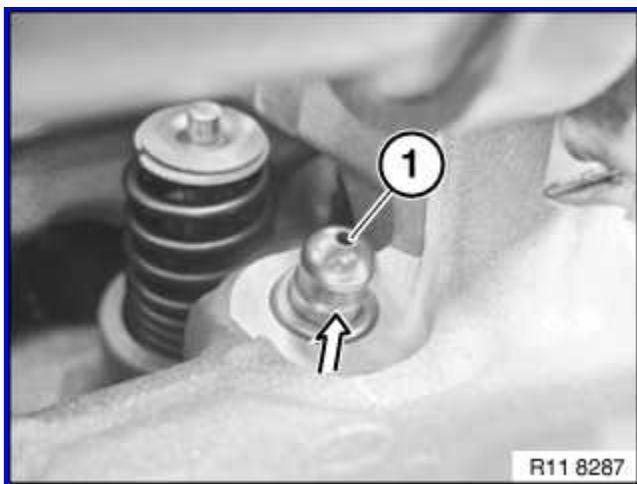


Loosen and remove roller cam followers (1) on exhaust side from hydraulic valve clearance compensating element.

Place all roller cam followers (1) in neat order on special tool [11 4 482](#).

Installation note:

Prior to installation of exhaust camshaft, ensure proper installation position of roller cam followers (1).



Remove hydraulic valve clearance compensating element (1) on intake side in direction of arrow.

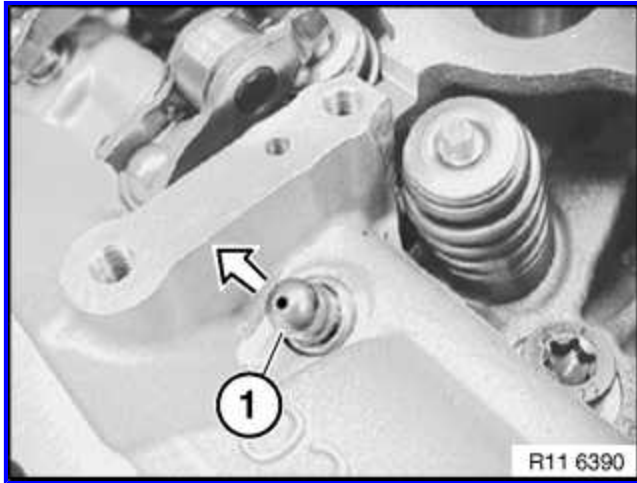
Installation note:

If hydraulic valve clearance compensating elements (1) are reused, they must be placed together with rocker arms in neat order in special tool [11 4 481](#).

Remove hydraulic valve clearance compensating element (1) on exhaust side in direction of arrow.

Installation note:

If hydraulic valve clearance compensating elements (1) are



reused, they must be placed together with rocker arms in neat order in special tool [11 4 482](#).



Assemble engine.

Check function of DME; if necessary, readjust uniform mixture distribution.