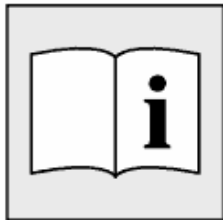
**Special tools required:**

- 33 4 420

**Important!**

Use only approved rear differential oils!

M5, M6: After the running-in phase of 2000 km, it is essential to carry out a rear differential oil change.

*Necessary preliminary tasks:*

- Remove propeller shaft from rear differential
- Remove output shaft from rear differential at both ends and tie back



Warning!

Danger of injury!

Failure to comply with the following instructions may result in the vehicle slipping off the lifting platform and critically injuring other persons.

When supporting components, make sure that

- the vehicle can no longer be raised or lowered
- the vehicle does not lift off the locating plates on the lifting platform

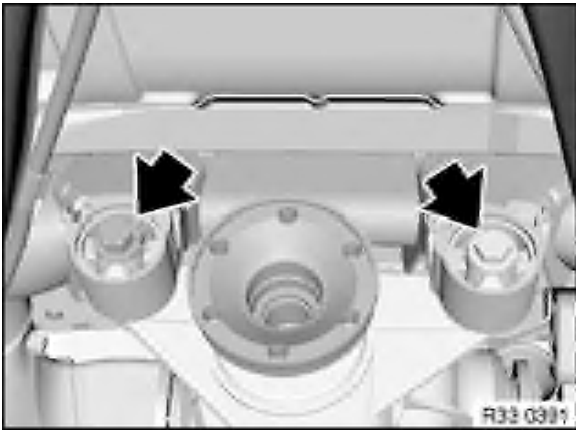


Support rear differential with workshop jack and special tool 33 4 420 .

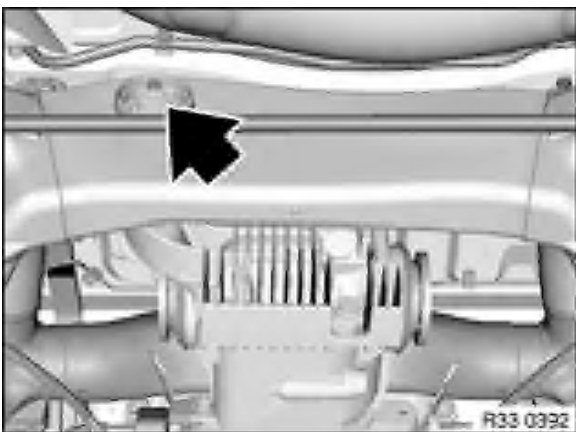
Important!

Observe gap between special tool 33 4 420 and dust plates.

To avoid grinding noises, make sure the dust plates are not damaged (e.g. bent).



Unfasten screws.



If necessary, unclip scavenging air line and screw off bracket.

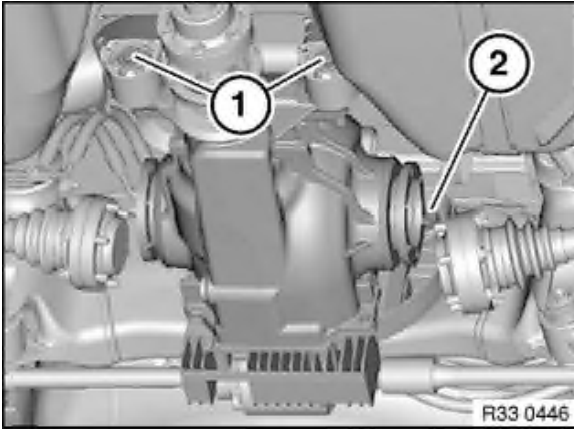
Release nut and pull out screw towards rear.

Slowly lower workshop jack and remove rear differential towards rear.



Important!

Adhere to the following installation sequence in order to prevent distortion of the rear differential during installation and thereby avoid potential complaints about noise.



Installation sequence:

1. Install rear differential with workshop jack and special tool 33 4 420 .
2. Insert bolts (1) (do not tighten down)
3. Insert bolt (2), replace and screw on nut (do not tighten down).
4. Lower workshop jack and place to one side
5. Tighten down screws (1)
Tightening torque 33 17 1AZ .
6. Tighten down screw (2)
Tightening torque 33 17 1AZ .



After installation:

- Check rear differential oil level, correct if necessary