

## **00 00 661 Rear axle differential service**



**Vehicle may slip off the vehicle hoist if the vehicle hoist is handled incorrectly.**

**Danger! Life-threatening injuries!**

- Observe safety information on raising the vehicle using a vehicle hoist.
- For additional information see: 00 ... Raising the vehicle using a vehicle hoist.



**Hot surfaces.**

**Risk of burning!**

- Perform all work only on components that have cooled down.



**Materials harmful to health.**

**Contact with fluids harmful to health!**

- Note and follow safety information on containers.
- Conduct all work in appropriate personal protective equipment only.



**Damage to rear axle differential.**

**Failure to comply with the oil specifications can result in serious damage to the rear axle differential.**

- Use only the approved final drive transmission oil.

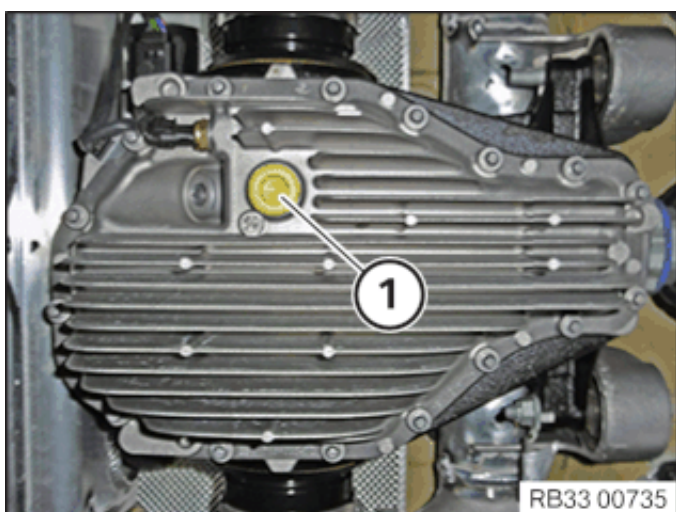


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## 1 – Draining rear axle differential oil



Collect and dispose of emerging fluids. Observe country-specific waste disposal regulations.



- Place oil collecting apparatus underneath.
- Release the screw plug (1).
- Drain and dispose of final drive oil.
- Renew the screw plug (1).

**Parts:** Plug

- Tighten the screw plug (1).

### Screw plug to rear axle differential lid

M22	Renew screw plug with O-ring.		45 Nm
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## 2 – Topping up the rear axle differential oil



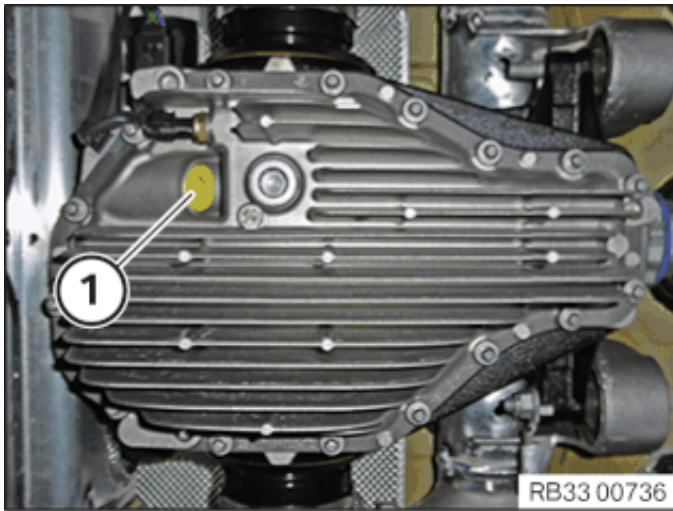
**Always** shake rear axle differential oil before use (mixing) so that the additives are distributed evenly in the oil.

The capacity for the rear axle differential must **always** be observed!

On filling to the lower edge of the oil filler opening, the rear axle differential would be overfilled.



- Use the special tool **2 460 340** to top up the rear axle differential oil.



- Release the screw plug (1).
- Shake the rear axle differential oil before use (mix).
- Measure out the required capacity and top up the rear axle differential oil.

#### Rear axle differential capacity

Final drive oil	1 l
Transmission oil: Technically suitable rear axle differential oils	

- Renew the screw plug (1).
- Tighten the screw plug (1).

**Parts:** Plug

#### Screw plug to rear axle differential lid

M22	Renew screw plug with O-ring.	45 Nm
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## Additional Information

### Overview of Tightening Torques

## Screw plug to rear axle differential lid

Used in step [1](#) [2](#)

M22	Renew screw plug with O-ring.		45 Nm
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## Overview of Special Tools

### 2 460 340 Pump



#### Common

Used in step [2](#)

Usage Oil gun to fill rear axle differentials or differentials with 1 litre containers.

Included in the tool or work

Storage location

Replaced by

In connection with

SI-Number 01 09 18 (553)

## Overview Technical Data

### Rear axle differential capacity

Used in step [2](#)

Final drive oil 1 |

Transmission oil: Technically suitable rear axle differential oils

## Links

### Repair instructions

Used in step

[00 .. ... Raising the vehicle using a vehicle hoist](#)

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