

**33 74 000 Oil change in rear bevel gears**

+ 33 74 500

Construction status:

September 2007

**Preparatory work**

Removing silencer

Removing rear wheel

**Core activity**

**(-) Changing oil in bevel gears**

**NOTICE**

Change gearbox oil, warmed to normal operating temperature.

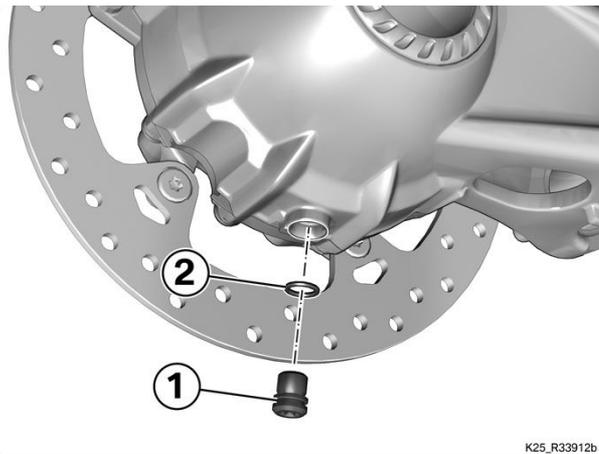
**▶ Draining oil in bevel gears**

- Remove oil drain plug (1) with O-ring (2).
- Drain the oil.

**NOTICE**

Move the motorcycle so that the oil drain bore is at the very bottom.

- Check O-ring (2) for damage; replace if necessary.
- Install oil drain plug (1) with O-ring (2).



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**Tightening torques**

**Oil drain plug in bevel gears**

M12 x 1	20 Nm	
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**▶ Filling bevel gears with oil (oil change)**

- Remove oil filler plug (1) with sealing ring (2).

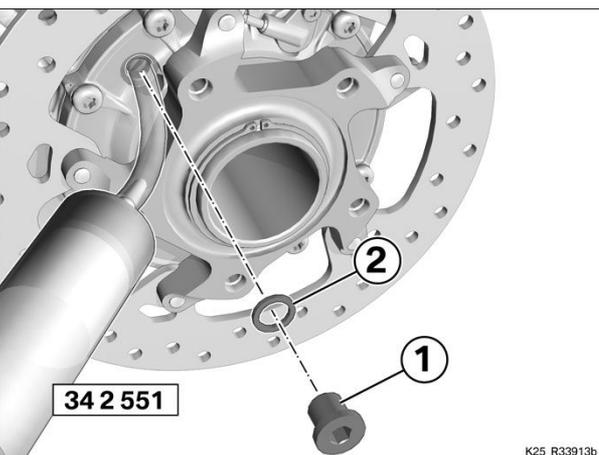
**ATTENTION**

**Mixing of oil, brake fluid and clutch fluid**

Damage to seals

- Use separate syringes and hoses.

- Use syringe (No. 34 2 551) to inject the gear oil into the housing.



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<b>Technical data</b>		
Bevel gears, oil capacity	Oil change	180 ml
	Gear oil (BMW Synthetik OSP)	

- Install oil filler plug (1) with new sealing ring (2).

<b>Tightening torques</b>
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<b>Oil filler plug in bevel gears.</b>		
M12 x 1.5 with sealing ring 12 x 16	20 Nm	



**Follow-up work**

Installing rear wheel

Installing silencer

Final check of work performed