

# BMW R850C,R1200C Motorcycle Service Repair Workshop Manual



# Repair Manual



R 850 C  
R 1200 C

**BMW AG Motorcycle Division**  
**After Sales**

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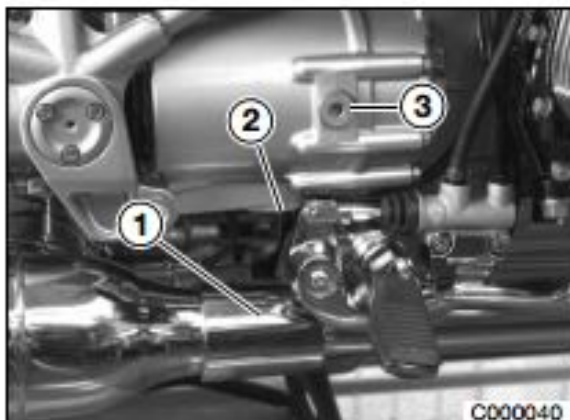
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## Changing oil in gearbox

(Inspections III and IV)  
or at least every 2 years

- Change the gearbox oil while at regular operating temperature.



- Loosen clip/trim (1) at right silencer and turn downwards.
- Take out oil filler plug (3) and oil drain plug (2) and allow the oil to drain out.
- Clean the magnet in the oil drain plug.
- Insert the oil drain plug again.



### Note:

Add oil to the gearbox up to the lower edge of the filler hole, then place the motorcycle on its side (prop) stand and add the remaining 0.2 litre (0.35 Imp. pint, 0.21 US quart).

- Add gearbox oil.
- Insert oil filler plug with new seal.

### Tightening torque:

Oil drain plug.....	55 Nm
Oil filler plug .....	23 Nm
Exhaust pipe clip at silencer (muffler) .....	55 Nm

### Fill quantity:

Initial filling..... 1.0 l (1.76 Imp. pints/1.06 US quart)  
During  
oil changes..... 1.0 l (1.76 Imp. pints/1.06 US quart)

### Oil grade for gearbox:

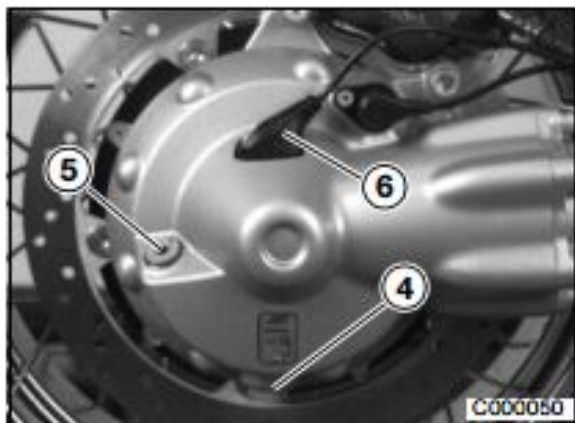
Brand-name hypoid gear oil, SAE 90, API class GL 5

## Changing oil in rear wheel drive; cleaning inductive signal transmitter at rear wheel

(Inspections I, III and IV)

Every 40 000 km (24 000 miles) or at least every 2 years

- Change the gearbox oil while at regular operating temperature.



### Caution:

Note that the interior of the gearbox is slightly pressurised.

- Slacken off oil drain plug (4) so that the pressure drops.
- Unscrew and remove oil filler plug (5).
- Unscrew and remove oil drain plug (4) and allow the oil to drain out.
- Fit new seal and screw in drain plug.
- Add gearbox oil.
- Insert oil filler plug with new seal.
- Release the fastening, pull out inductive signal transmitter (6) and clean it.

### Tightening torque:

Oil drain plug.....	23 Nm
Oil filler plug .....	23 Nm

### Fill quantity:

Initial filling up to lower edge of filler  
hole.....app. 0.20 l (0.35 Imp. pint/0.21 US quart)  
Oil change up to lower edge of filler  
hole.....app. 0.20 l (0.35 Imp. pint/0.21 US quart)

### Oil grade for rear wheel drive:

Brand-name hypoid gear oil, SAE 90, API class GL 5



Thank you very much  
for your reading.  
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to get more information.