

 **11 00 209 Oil change, engine, with filter**

+ 11 00 611

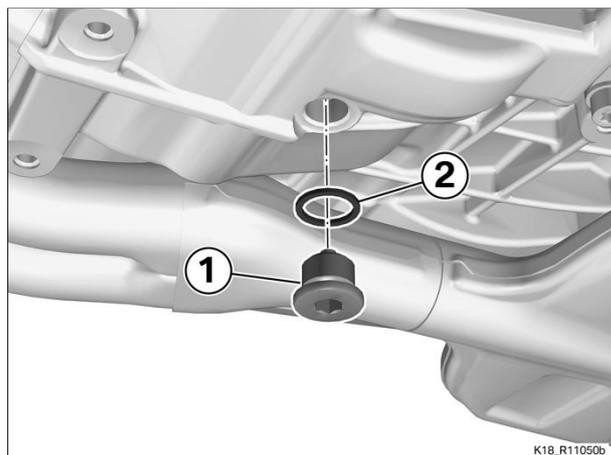
**Preparatory work**

Removing rear left footrest plate and oil filler panel

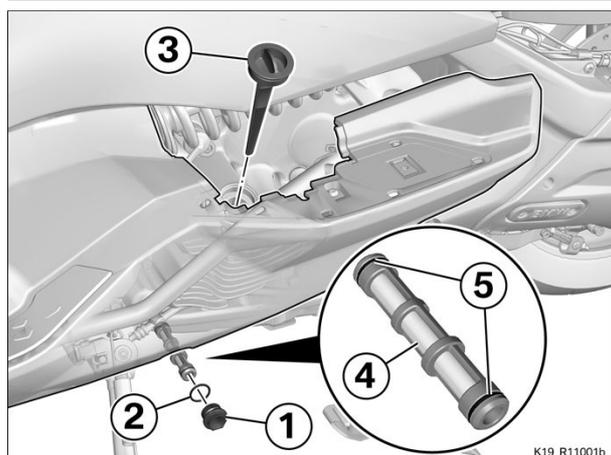
**Core activity**

**(-) Changing engine oil with filter**

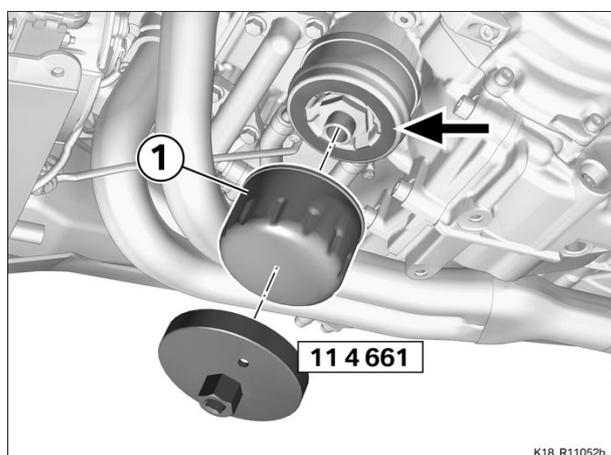
► **Draining off all engine oil**



- Remove screw (1) with sealing ring (2) and drain off the oil into a suitable container.



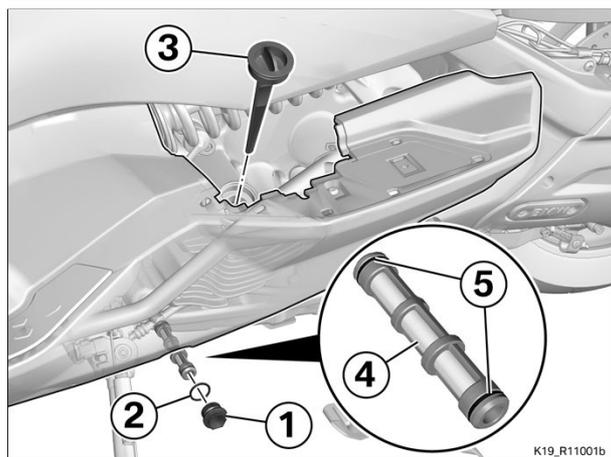
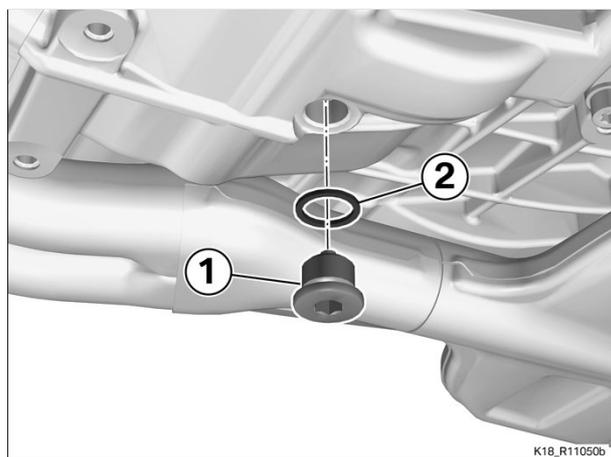
- Remove screw (1) with sealing ring (2).
- Remove oil dipstick (3) and drain the oil into a suitable container.
- Remove oil strainer (4) and sealing rings (5).



- Remove oil filter (1), using oil filter wrench (No. 11 4 661).
- Allow all the oil to drain off.
- Clean the sealing face (arrow).
- Install new oil filter (1), using oil filter wrench (No. 11 4 661).

 <b>Tightening torques</b>		
<b>Oil filter to engine</b>		
Lubricate seal with engine oil	11 Nm	

- Install screw (1) with new sealing ring (2).



 <b>Tightening torques</b>		
<b>Oil drain plug in crankcase</b>		
M16 x 1.5	28 Nm	

- Clean oil strainer (4), check sealing rings (5); replace if necessary.
- Install oil strainer (4).
- Install screw (1) with sealing ring (2).

 <b>Tightening torques</b>		
<b>Threaded plug to crankcase/gearbox cover</b>		
M20 x 1.5	15 Nm	

- Pour in correct quantity of engine oil and install dipstick (3).

 <b>Technical data</b>			
Engine oil, capacity	with filter change	approx. 3.1 l	
	Fluids and lubricants		
	products recommended by <b>BMW Motorrad</b>		

- After completing work, check the engine oil level; adjust as necessary:
  - Engine at regular operating temperature
  - Place the **Maxi-Scooter** on its centre stand
  - Allow the engine to idle for one minute
  - Switch off the engine
- Remove the oil dipstick and **seat it** on oil filler opening, but **do not engage the threads**.
- Check the oil level on the oil dipstick.

 <b>Technical data</b>			
Engine oil, specified level	Engine at regular operating temperature	Between MIN and MAX marks	
			

### **Finishing work**

Installing rear left footrest plate and oil filler panel

Final check of work performed