

 **11 00 209 Engine-oil change, with filter**

Preparatory work

Removing engine guard

Fitting the auxiliary stand

Core activity

(-) Engine-oil change, with filter



Note

Change oil, warmed to normal operating temperature.

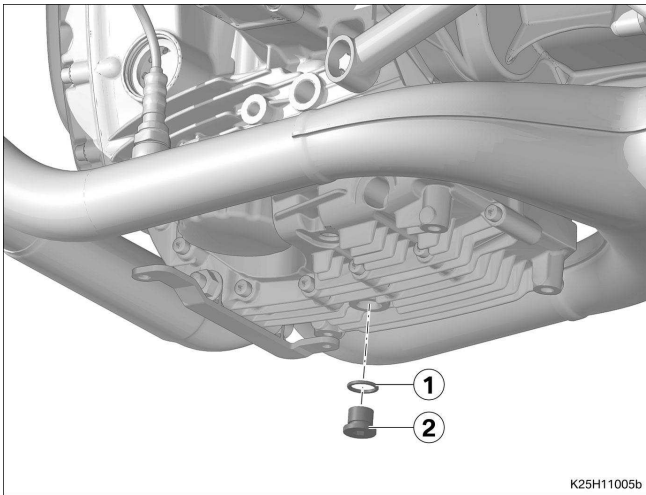
► Draining engine oil




Warning

Parts of the exhaust system can be hot.
Do not touch hot parts of the exhaust system.

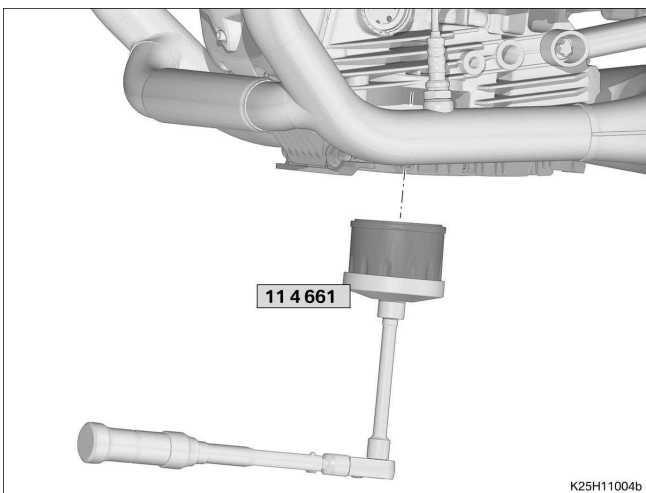
- Remove the oil filler plug.
- Place a suitable tray underneath the engine.
- Remove oil drain plug (2) and drain the oil.
- Dispose of used oil in an environmentally friendly manner.
- Remove old sealing ring (1) from the drain plug.
- Install oil drain plug (2) with new sealing ring (1) and tighten.




 Tightening torques		
Oil drain plug, M16 x 1.5	32 Nm	

► Changing oil filter

- Use wrench (No. 11 4 661) to remove the oil filter.
- Dispose of the oil filter in an environmentally friendly manner.
- Coat the sealing ring for the new oil filter with engine oil.
- Use wrench (No. 11 4 661) to install the oil filter.

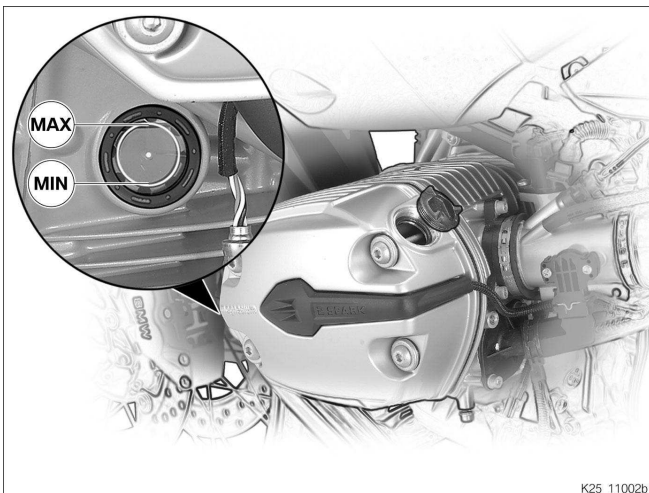


 Tightening torques		
Oil filter, Sealing ring wetted with engine oil	11 Nm	


► Pouring engine oil into engine


- Pour engine oil into the engine until the level reaches the MAX mark.





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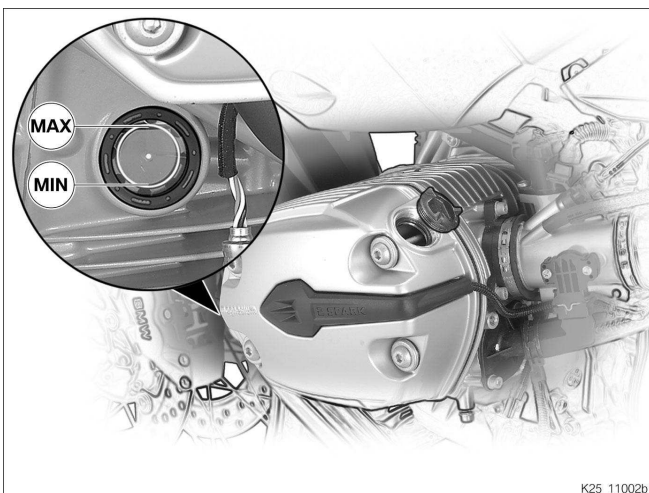
 Technical data			
Engine, oil capacity	with filter change	max 4 l	
	Consumables/lubricants		
Engine oil, 20W-50			

 Consumables/lubricants		
Engine oil, 20W-50	Engine oil	81 22 9 407 685


- Visually inspect the sealing ring of the oil filler plug.
- Install the oil filler plug.

▶ **Correcting engine oil level**

- After completing all work, wait at least 5 minutes after heating the engine to operating temperature in the trial run/road test before checking the engine oil level.
- Set the engine oil level to the MAX mark.



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 Technical data			
Engine, oil level		Maximum = top ring mark on sight glass	
	Consumables/lubricants		
	Engine oil, 20W-50		
		Minimum = bottom ring mark on sight glass	

▶ **Finishing work**

- Removing the auxiliary stand
- Installing engine guard
- Final check of work performed