



Retail Operator General Manager	Sales New Motorcycles	Sales Pre-Owned Motorcycles	Business Manager (F&I)	Service	Parts & Accessories	Administration
Date:	October 2013	Source:	SI 27/2013			
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**BMW Motorrad
USA
Service Information Bulletin**

Subject: Engine oil capacity

Models: R 1200 GS (K50, 0A11)

Details: BMW Motorrad has ascertained that the engine oil capacity figure stated in the RSD (Repair and Service Data BMW Motorrad) DVD for an oil change including oil filter is too high. Overfilling beyond the maximum permissible oil level can result in malfunctions in the engine (e.g. the clutch).
The engine oil capacity after an oil change depends on the conditions under which the used oil was drained (e.g. engine temperature, how the vehicle was positioned), so the quantity actually required can vary.

Aftersales solution: As of RSD version 06/2013 the maximum capacity for an engine-oil change with filter was reduced to 4.0 liters. This figure is a guide value. The actual quantity of engine oil required depends on the conditions under which the used oil was drained (e.g. engine temperature, how the vehicle was positioned). After draining the engine oil per work item 11 00 209, the filling of engine oil with filter change must be carried out as described on the following page.
This oil fill procedure will be added to work item 11 00 209 as of RSD version 12/2013. From then on, always check the latest edition of the RSD for details.

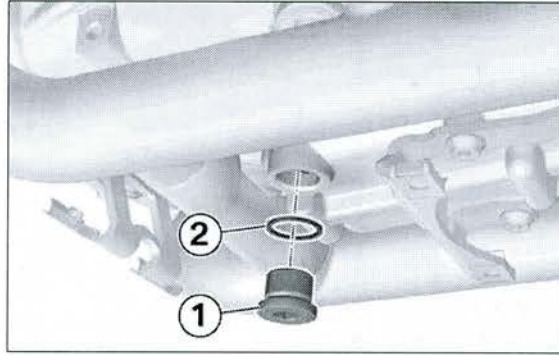
Warranty Information: Information purpose only

Contact: Service and Technical Manager

Pouring engine oil into engine

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

Tightening torques	
Oil drain plug to crankcase	
M20 x 1.5	42 Nm



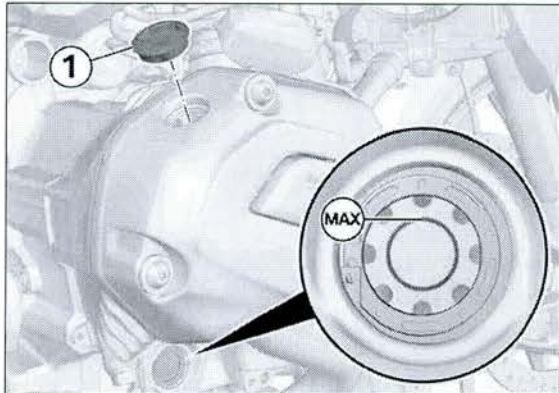
Prepare the total possible quantity of engine oil.

Technical data		
Engine oil, capacity	with filter change	max 4 l

Remove oil filler plug (1) using the tool from the toolkit.

Pour initial quantity of engine oil into the engine.

Technical data	
Engine oil, initial quantity	3.5 l



Install oil filler plug (1) using the tool from the toolkit.

Note: Top up the engine oil to the (MAX) mark ONLY after performing a test run/test ride to bring the engine up to operating temperature .

Checking engine oil level

Attention

The oil level varies with the temperature of the oil. The higher the temperature, the higher the level of oil in the sump. Checking the oil level with the engine cold or after no more than a short ride will lead to misinterpretation of oil level.

In order to ensure that the engine oil level is read correctly, check the oil level only after the engine is at operating temperature.

Technical data	
Engine temperature for oil change	min 60 °C / 140 °F

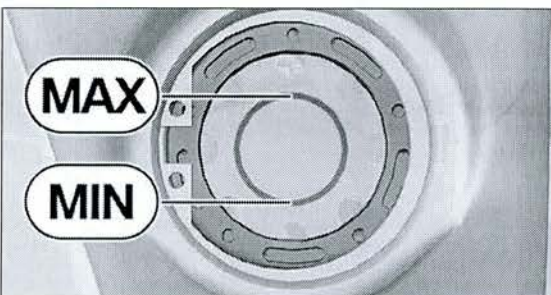
Lift the motorcycle on to its center stand on a smooth, level surface.

Wait for 5 minutes.

Check the engine oil level and if necessary, correct the level to the MAX mark.

Technical data	
Engine oil, specified level	
Between MIN and MAX marks	

Viscosity class	
Product recommended by BMW Motorrad:	RSD p/n 83 12 2 153 837
Castrol Power 1 Racing, SAE 5W-40, API SL / JASO MA2	US p/n 07 51 0 039 644



Finishing work

Installing engine guard

Final check of work performed