

Service Bulletin

Date: June 2008

Bulletin No: 11 001 08(013)



BMW Motorrad Canada

Operating Manager

Sales Department

Accessory Department

Parts Department

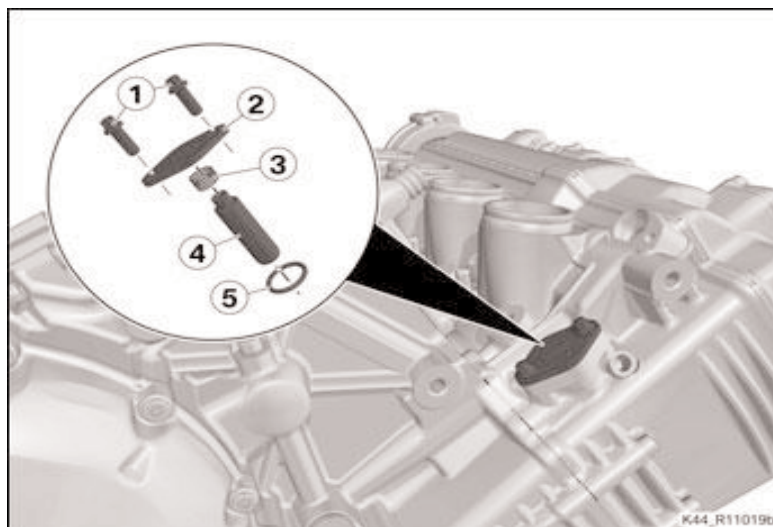
Service Department

Subject: Rattling noise from engine during start up
K1200R, K1200S, K1200GT

Details: The subject of complaint is a rattling noise from the engine, briefly audible during starting. This is due to the chain-tensioner piston's lack of hydraulic damping capability in the start phase. Once the engine has been switched off, depending on temperature and the length of time for which the engine is not running, the engine oil can drain out of the chain tensioner. When the engine is subsequently restarted, a metallic rattling noise can be produced until the chain tensioner is refilled with engine oil.

Production Measures: An oil reservoir for the chain tensioner has been incorporated into series production since week 38/07. This reservoir supplies the chain tensioner with engine oil during the start procedure, thus preventing the rattling noise.

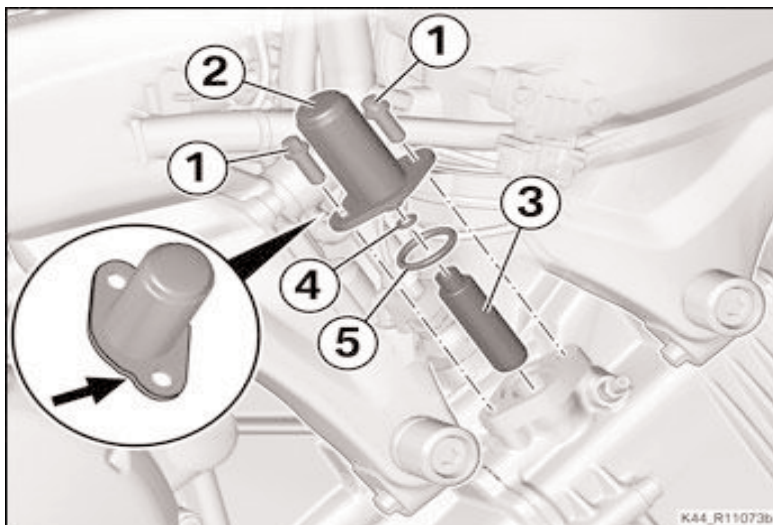
Service Measures: The oil reservoir can be retrofitted in response to customer complaint. Remove the timing-chain tensioner.



1. Remove screws (1), while holding cover (2) against the force of the spring (keep these screws for subsequent re-installation).
2. Remove cover (2) with guide for the clutch pressure line, if fitted.
3. Remove timing-chain tensioner (4) with spring (3) and spacers, if fitted.
4. Remove seal (5).

Note: There is a difference between the timing-chain tensioner for the K40, K43, K43HV and the timing-chain tensioner for the K44 (lettering) and it is very important to install the correct component.

Install the new timing-chain tensioner with oil reservoir.



1. Install seals (4) and (5).
2. Install timing-chain tensioner (3).
3. Position oil reservoir (2) with the recess (arrow) toward the inside.
4. Hold oil reservoir (2) down against the force of the pressure and secure it with screws (1).

Initial torque, 9 Nm

Back off, 90°

Final torque, 9 Nm

Note: After installation, start the engine briefly three times in succession (to fill the oil reservoir).

K40 until production date September 2007



In order to ensure that the chain tensioner is installed free of strain, make sure that the clutch line is not in contact with the reservoir during the installation procedure.

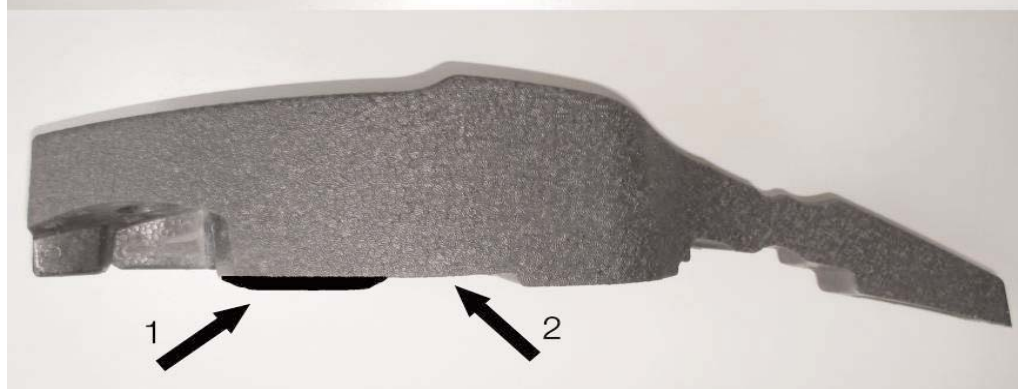
If the rattling noise persists the chain tensioner is under strain and the threaded-fastener tightening procedure must be repeated in accordance with the instructions above.

Rework, thermal insulator of K44 up to week 22/07

Side view



Top view



Use a sharp knife to match surface 1 (black) to surface 2.

**Warranty
Processing:**

Enter a regular warranty claim in S Gate using the following keys.

Defect code: 11 31 91 39 00

Description: Chain tensioner rattling

Flat Rate Code: 00 60 169

Description: Converting chain tensioner

FRU: 3 K1200S

2 K1200R

4 K1200GT

Part numbers Chain tensioner set

11 31 7 717 287 K1200S, K1200R

11 31 7 717 288 K1200GT

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