



Service-Information



BMW MOTORRAD GMBH Service - Technical R-VK-10 fa/cb	Motorcycles - R60/6-R100S Technical Fuel Tank and Lines	Munich, June 78 16 001 78 (1051R)
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-For U.S.A. and Canada Only-

Subject: Provision for repairing fuel taps

Dear Dealer,

As part of our intensive model development program we have thoroughly revised the design of the fuel taps, which have been the subject of a number of complaints.

There are various patterns of fuel taps on our motorcycles; if repair work is necessary, the instructions below should be followed:

1. Fuel taps of the earlier pattern, on which the plug was secured by a threaded disc with radial slot but without a knurled edge, usually still incorporate a cork gasket. This can tend to swell or shrink if not uniformly wetted by the fuel. As a result, the tap becomes stiff to turn or begins to leak. To remedy, install a rubber seal

Part number 16 12 1 235 551.

The force needed to operate the tap can be varied by turning the threaded disc.

2. On more recent fuel taps with a knurled outer edge to the threaded disc, the plug is held against the seal by a coil spring. The spring can accommodate a greater range of movement of the plug and thus more easily compensate for variations in seal thickness.

Leaks or stiff movement on this pattern of tap are usually due to a damaged seal or O-ring. When these parts are renewed, make sure that the contact faces in the tap and on the plug are perfectly clean and free from score-marks.

3. On the latest version of the fuel tap the supply and outlet passages have been enlarged (external diameter of supply pipe 5.5 mm). The copper mesh strainer at the tank side has been deleted, but the strainer in the outlet side is still used.

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If complaints of inadequate fuel flow are received, first check the condition of the above components. If the collar nut (17 mm wrench) is unscrewed, the strainer can be taken out and cleaned.

Before fuel taps are renewed, always investigate the possibility of a successful repair based on the above instructions.

Yours very sincerely,

BMW MOTORRAD GMBH
Munich

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