



Service-Information



BMW Motorrad GmbH
Service Dept. K1/Kr/Nab

Motorcycles R60/6 US - R90S US
Technical Information
Group: 23 - Gearbox

Munich, Jan. '75
2/74 (163 M) e

Re: Shifting the 5-speed Gearbox

Gentlemen:

If pawl spring number 23 31 1 231 619 breaks, the O.D. boss of the segment number 23 31 1 231 578 should be reduced from 16 mm / 0.6299" to 15.5 mm / 0.6102".

The reason for this spring failure ist the too large diameter boss which is soldered into the segment and which houses the spring.

In case of complaint, we recommend to exchange the operating pawl spring and segment for new parts if there is no possibility to reduce the O.D. to 15.5 mm / 0.6102". Additionally, the spring's resistance against failure was increased by using a superior quality material (II DIN 17223 spring wire).

Repair instructions:

- (1) Remove gearbox;
- (2) remove gearbox cover;
- (3) remove bearing bracket;
- (4) remove selector discs;
- (5) pull shift segment and spring out of guide.

Work required: 32 flat rate units.

Sincerely yours,

BMW MOTORRAD GMBH
München
i.V.

Ettlich

i.A.

Klein

Kenntnis genommen - Pris connaissance - Noted - Tomado nota - Preso conoscenza

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Werkstatt

KD-Annahme

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Teiledienst

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