

# Service-Information Motorcycle



BMW NA  
Service Department

Group: 00  
Maintenance &  
General Hints

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00 050 88  
(2300)

For USA Only

## R100GS Specification Changes

**Drive Shaft:** Unlike other R models, the Swing Arm/Drive Shaft of the R100GS does not require oil.

The Torsional Vibration Damper which is part of the Drive Shaft may be damaged if exposed to oil.

Please pass this information on to all R100GS owners and draw a line through this maintenance check in the Proof of Ownership booklet on pages 10, 12, 13, 14 and 16 before giving them to owners of R100GS's.

**Swing Arm Pivot Bearings:** The paralever rear suspension does not require lubrication at its pivot points. These bearings are lubricated during production and therefore do not require subsequent lubrication during service intervals.

**Swing Arm Venting:** The swing arm vents through the two (2) front pivots. Pumping grease into the pivots will block venting holes, causing the drive shaft boots to enlarge or contract, possibly damaging boots. (Swing arm internal air volume fluctuates with swing arm action).

**Spokes:** The unique spoke wheels of the R100GS have a 4 mm set screw located inside each spoke nipple, which acts like a lock nut, putting pressure on the spoke and nipple threads and preventing them from coming loose.

Therefore, the "Check torque of the wheel spokes - Touch and resonance test" in the Proof of Ownership booklet is not applicable. Please draw a line through this maintenance check on pages 12, 14, and 16 in all Proof of Ownership booklets before giving them to owners of R100GS's.

**Wheel Truing:** At this time wheel truing is not possible

Only replacement of a few broken spokes is possible.

We are investigating a vendor source to true this unique wheel, as special fixtures are required.

Although a rim is available through parts channels, we suggest that a complete wheel be ordered for accident repairs, etc.

Front Fork Oil: Marzocchi fork oil described in the Rider's Manual is not available in small quantities. In addition to Marzocchi fork oil, the following fork oils are approved:

	Part No.	Temperature
Aral Soft	31 42 9 060 537	Below 60° F.
Aral Hard	31 42 9 060 544	Above 60° F.

These oils are available from the BMW NA Parts Distribution Centers.

Very truly yours,

BMW OF NORTH AMERICA, INC.



Frank Stevens  
National Service Manager



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