

# Service-Information Motorcycle



BMW NA  
 Service Department

Group: 00  
 Maintenance &  
 General Hints

December 1991  
 00 075 91  
 (2501)

For USA Only

## R100R Actions

### Information:

The very first production run of R100R models was shipped to the United States. Whenever a new model is introduced on the production line, some "teething" problems occur. In this case, these first motorcycles were produced with the following problems, which must be addressed prior to putting the motorcycles into service. It will be the responsibility of each dealer to ensure this action is fulfilled before the motorcycle is test-ridden.

**Affected VIN's:** 0280001 - 0280191 - 191 units

### Parts:

An envelope marked "Special Action" will be sent to each dealer who receives one of the above motorcycles. Parts will be supplied free-of-charge.

### Warranty Information:

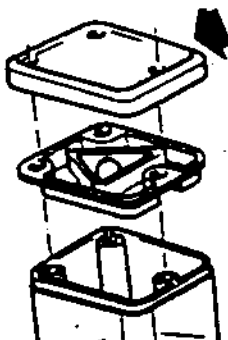
Use a standard Warranty Claim form with the following information:

Mileage: 05  
 Defect Code: 00 00 46 19 00

Flat Rate Units: 9 (45 minutes)  
 Flat Rate No: 46 99 000

### Brake Fluid Container Cap:

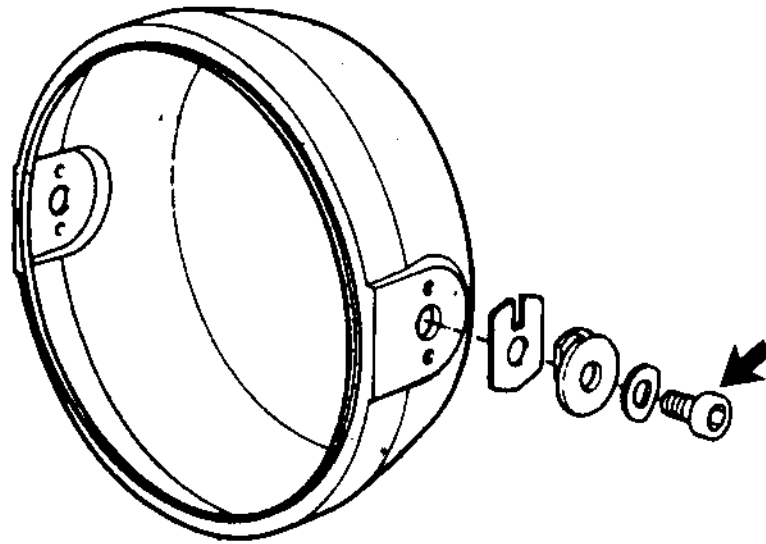
Visually inspect the cap for scratches. Due to packaging some caps may have been scratched; although the caps are structured properly, for appearance reasons they must be replaced. (Order separately if needed).



Please initial and route to the following before filing				
Service	Parts	Sales	Warranty	Technicians

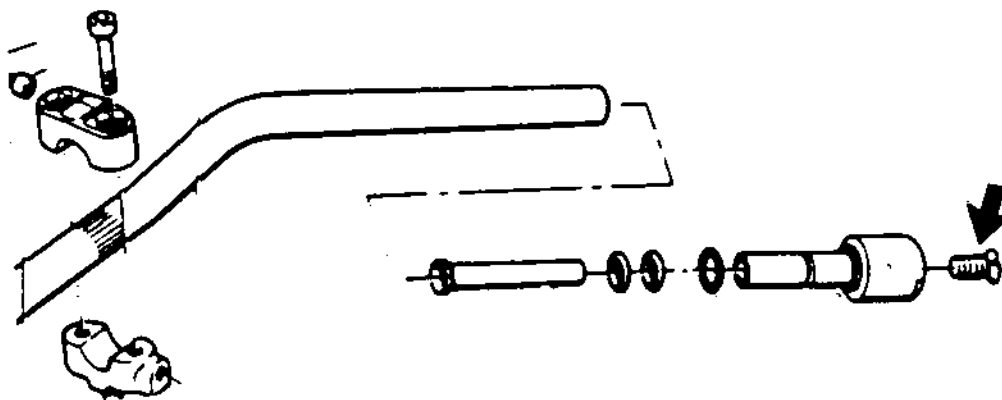
**Headlight Pivot Bolts:**

Remove one bolt at a time and put a few drops of Blue Loctite on the threads. Reinstall the bolts.



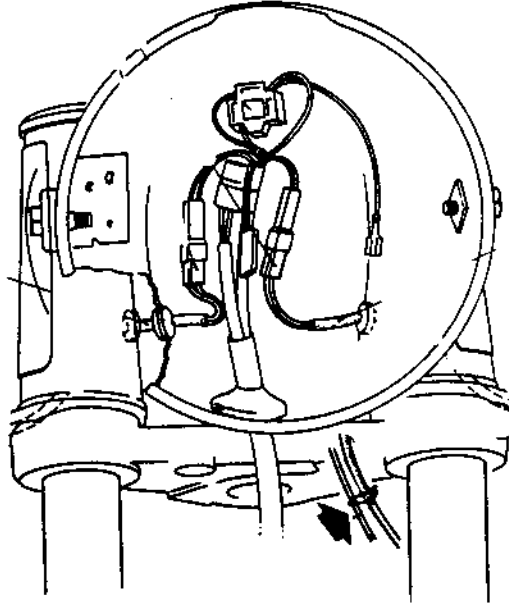
**Handlebar End Weights:**

Check and tighten if necessary.



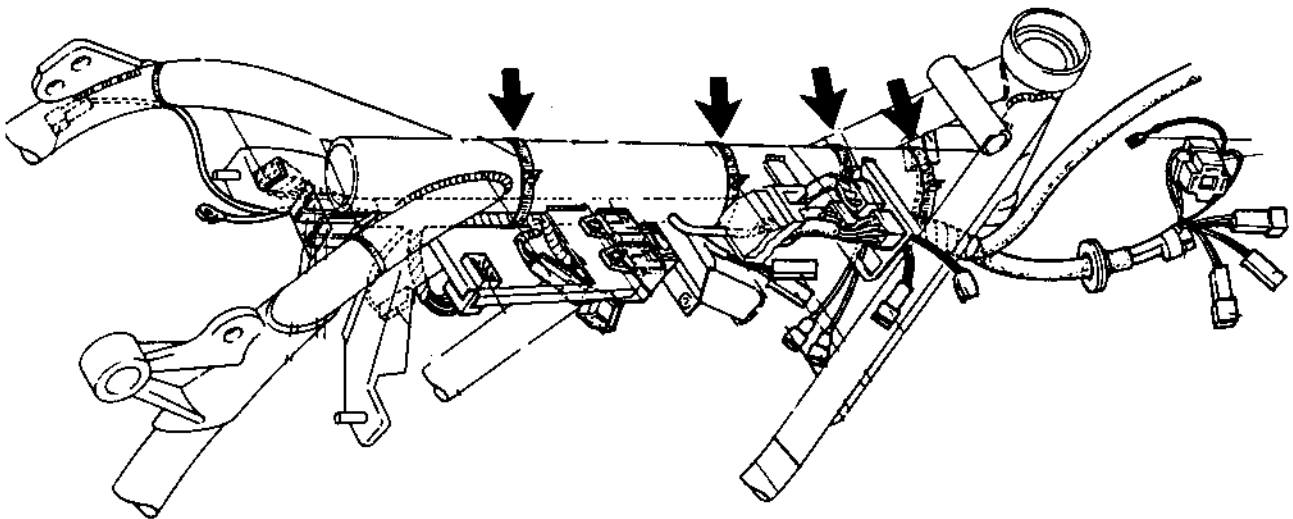
### Positioning of Speedo Cable:

Install a wire tie around both the speedo and choke cables where they both pass under the lower triple clamp. Position the cable tie so that it is approximately 1/2" from the end of the protection sleeve which is on the speedo cable.



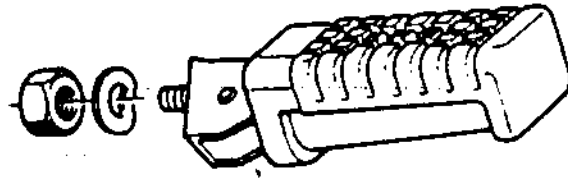
### Positioning of Wire Ties:

Remove the fuel tank and inspect the wire ties which hold the wiring harness to the main frame. Position the wire ties (4) so that the buckles (sharp edges) are facing downward and away from any item such as the fuel tank or electrical harness, which they could chafe against.



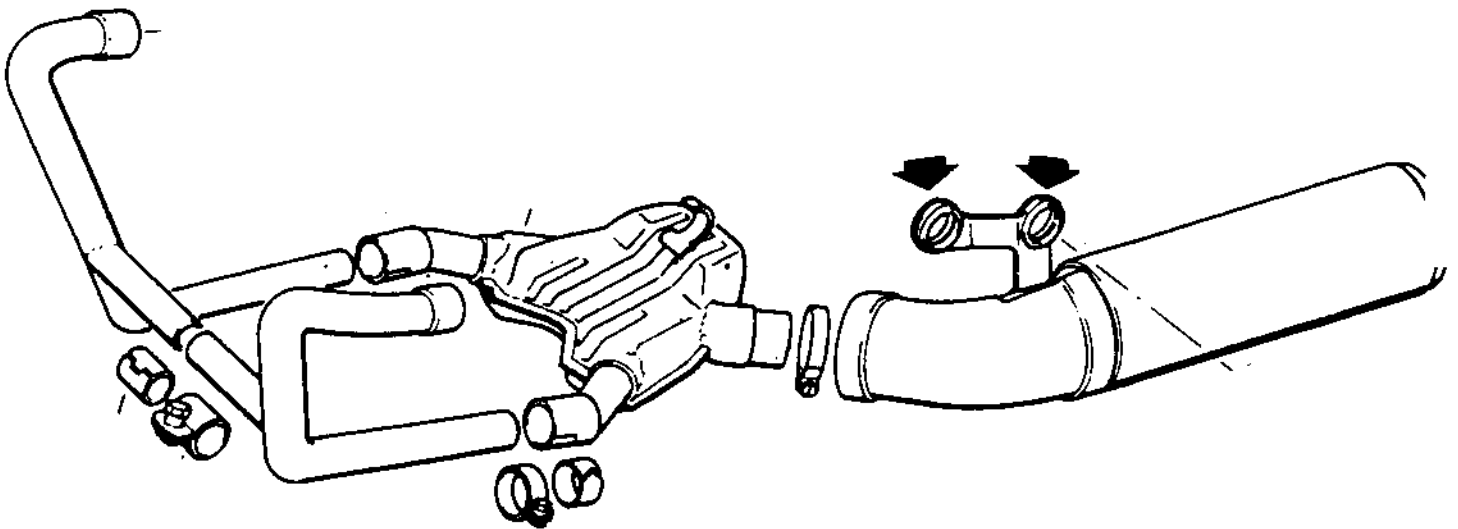
**Passenger Footrests:**

Check and, if necessary, tighten the bolts on both right and left sides. Tightening torque: 30 ft/lb



**Exhaust Mounts:**

Check and, if necessary, tighten:



### **Right Saddle Mounting:**

If saddle bag mounts are being installed, then check the 6 mm bolts which attach the mounting to the passenger foot rest. They may be too long and contact the swing arm.

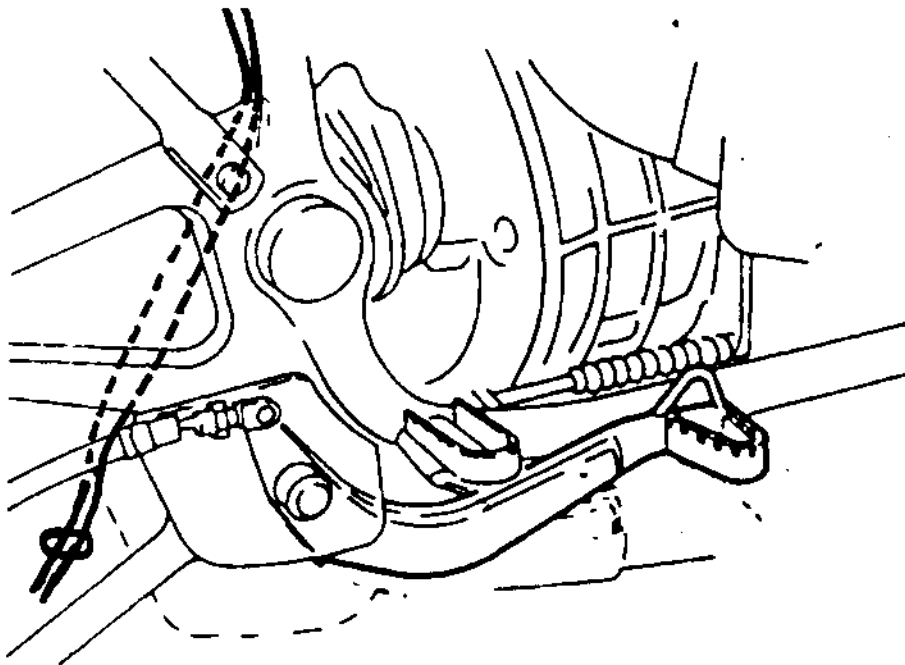
The proper bolts to use are 6 mm x 25 mm long.

### **Positioning of Battery Vent Hose:**

The Battery Vent Hose must be repositioned to the right side of the motorcycle (away from the exhaust). In isolated cases battery acid may drip on the muffler.

Remove the Battery Vent Hose that comes with each motorcycle and discard it. Install the hose (which has been supplied) on the battery vent elbow and route it towards the right side following the water drain hose for the fuel tank, which is routed near the swing arm pivot.

The hoses should exit just behind the right passenger foot peg. The water drain hose should be on the inside of the rear brake cable and the battery vent on the outside. They are held together with the plastic figure 8 bracket (which has been supplied).



### Center Stand Stop:

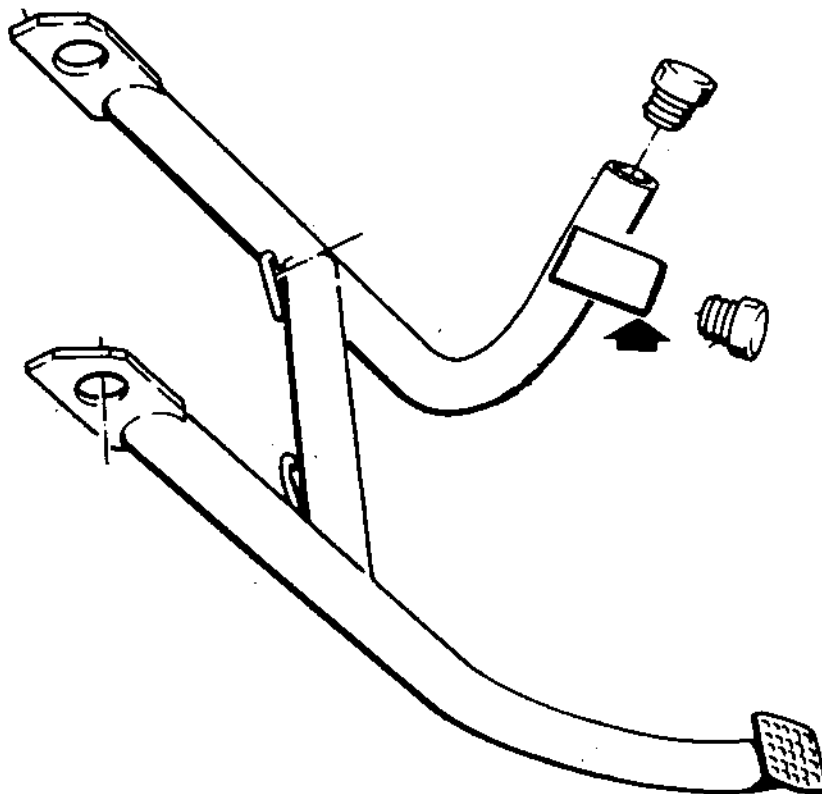
When the motorcycle is used under very aggressive riding conditions on twisting roads, it is possible for the stand to scrape.

Remove the rubber stopper and shorten the center stand stop pipe by approximately 5 mm, using a hacksaw.

Using a half round file, smooth any burrs or sharp edges. Touch up the unpainted area and push the rubber stop back into the pipe.

The center stand must not contact the muffler when fully retracted.

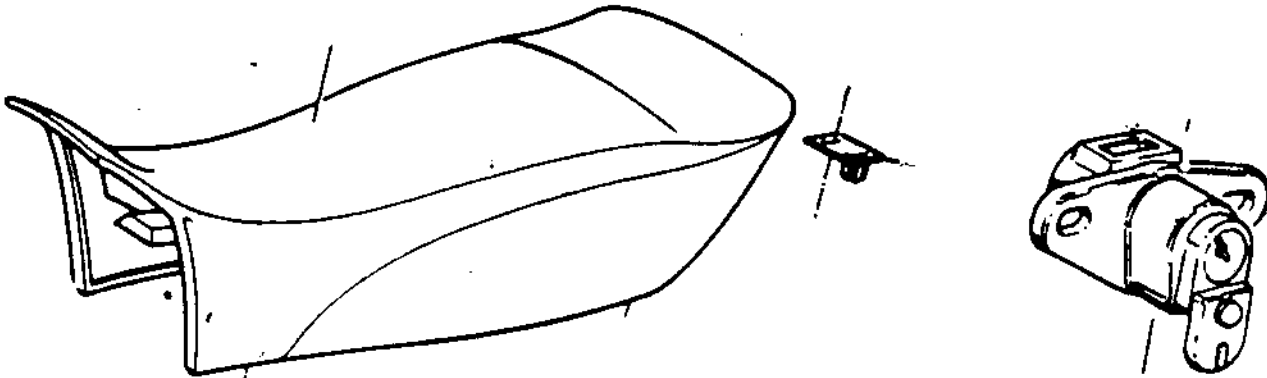
(Future production, as well as replacement parts, should have the length of the center stand stop tube properly controlled).



**Seat Lock:**

Poor engagement of the locking tap -

- Reposition the lock, using the slotted screw.
- Adjust the angled locking tap which is attached to the seat so that it engages the seat lock.



**R100R Service Quality Action Form:**

Complete one form per motorcycle, filling it out completely. Sign and return it to BMW NA. Form is postage-paid and self-addressed, so just fold, staple and mail.

Very truly yours,

BMW of North America, Inc.



Frank Stevens  
National Service Manager  
Motorcycle Group



Richard Dampf  
National Technical Manager

FS:je1/53.1(3)



# R100R Service Quality Action

	VIN (last 7 digits)
	Date:
	Dealer#
Dealer Stamp	

Check-Off  
As Each Is  
Completed

<input type="checkbox"/>	Brake Fluid Container Cap
<input type="checkbox"/>	Headlight Pivot Bolts
<input type="checkbox"/>	Handlebar End Weights
<input type="checkbox"/>	Positioning of Speedo Cable
<input type="checkbox"/>	Positioning of Wire Ties
<input type="checkbox"/>	Passenger Footrests
<input type="checkbox"/>	Exhaust Mounts
<input type="checkbox"/>	Right Saddlebag Mounting
<input type="checkbox"/>	Positioning of Battery Vent Hose
<input type="checkbox"/>	Center Stand Stop
<input type="checkbox"/>	Seat Lock

(All Actions Must Be Completed Prior To Motorcycle Operation)

Dealer Signature:

Please fold, staple and return  
(Note: Postage-paid self-addressed)



NO POSTAGE  
NECESSARY  
IF MAILED  
IN THE  
UNITED STATES

<b>BUSINESS REPLY MAIL</b>
FIRST CLASS MAIL    PERMIT NO. 131    WESTWOOD, NEW JERSEY

POSTAGE WILL BE PAID BY ADDRESSEE

**BMW OF NORTH AMERICA, INC.**  
MOTORCYCLE SERVICE DEPARTMENT  
P.O. BOX 1227  
WESTWOOD, NEW JERSEY 07675-9871

