

# Service-Information Motorcycle



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Service Department

Group: 61  
General  
Electrics

February 1990

61 022 90  
(2396)


For USA Only

## Heated Handgrips - R100GS Paris/Dakar

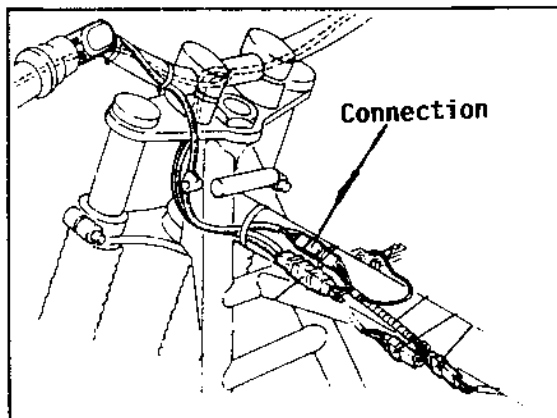
**Problem:** Heated grips become hot in only one position or do not heat at all.

Grip heat is activated by  
rocker switch on dashboard.

OFF

LOW —  — HIGH

**Cause:** In a few cases the wiring color codes have been mistakenly switched at the connection between the switch and main wiring harness.



**Test:** If you are uncertain that the grips are heating in both positions, you can perform a simple test by using a thermometer. Touch a grip with the thermometer and switch the push button to either "High" or "Low" position.

Low Position will heat to approximately 97° F.

High Position will heat to approximately 138° F.

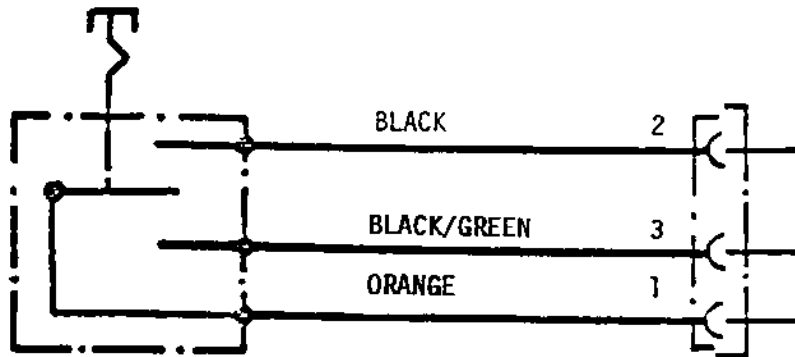
If the above temperatures are approximately reached, there is no problem.

Please initial and route to the following before filing

Service	Parts	Sales	Warranty	Technicians

**Note:** To obtain these readings we used a very accurate digital pyrometer. Depending on the accuracy of your thermometer, your readings may differ from ours.

**Remedy:** Remove the fuel tank and insure that the three (3) wires from the switch are coded to the harness male plug and that the harness wires are also coded correctly to the female plug.



If the wires are not color-coded, remove the pin connectors of the incorrect wires from the plastic holder and exchange their positions.

Use a Wire Terminal Removal tool to fit a 1.6 mm pin connector. This tool can be ordered from your tool supplier or through normal parts channels, using:

Part No. 88 88 6 611 131

**Warranty Status:** Labor is reimbursable under the provisions of the BMW Limited Motorcycle Warranty of Three (3) Years/Unlimited miles, using a normal Warranty Claim Form:

Defect Code No: 61 31 14 12 00

Flat Rate Code: WT

Flat Rate Units: 3

Very truly yours,

BMW of North America, Inc.

Frank Stevens  
National Service Manager  
Motorcycle Group  
FS:je1/229.7

Richard Dampf  
National Technical Manager