

## MOTRONIC CONTROL SYSTEM TESTS

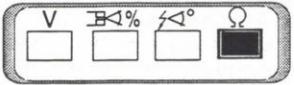
### 1. Motronic Control Unit Power Supply and Ground (Continued from previous page)

**Test Equipment:** BMW Multi-Tester and Volt / Ohm Leads and Adapters

**Tested Pins:** Pins 13, 21 and 26 (K Models from 1994 and R1100) or pins 11, 5 and 19 (K Models to 1993) of Motronic MCU to ground - ground circuit

#### Test Conditions:

1. Ignition switch to OFF position.
2. Motronic MCU disconnected.
3. BMW Multi-Tester  $\Omega$  button pressed.



4. Perform zero calibration procedure on the tester.
5. Volt/Ohm leads from BMW Multi-Tester connected yellow to pin 13, 21 and 26 or pin 11, 5 and 19 of MCU plug and green to frame ground.

#### BMW Multi-Tester Display:

Resistance =

< 0.3 $\Omega$



If resistance is > 0.3 $\Omega$ , check the following:

- ✓ Pin 13 or 11 of MCU plug to ground II.
- ✓ Pin 21 or 5 of MCU plug to ground II.
- ✓ Pin 26 or 19 of MCU plug to ground II.

