

# 17. LIGHTS/METERS/SWITCHES

SERVICE INFORMATION	17-1	METER REMOVAL/INSTALLATION	17-5
SYSTEM LOCATION	17-2	METER DISASSEMBLY/ASSEMBLY	17-6
HEADLIGHT REMOVAL/ INSTALLATION	17-3	TACHOMETER INSPECTION	17-7
TURN SIGNAL LIGHT	17-4	IGNITION SWITCH REMOVAL/ INSTALLATION	17-7
TAILLIGHT	17-4		

## SERVICE INFORMATION

### ▲ WARNING

- Halogen headlight bulb becomes very hot while the headlight is ON, and remain hot for a while after it is turned OFF. Be sure to let it cool down before servicing.
- Use a flame and heated water/coolant mixture for the thermo sensor inspection. Keep all flammable materials away from the burner. Wear protective clothing, gloves and eye protection.

- Note the followings when replacing the halogen headlight bulb.
  - Wear clean gloves while replacing the bulb. Do not put finger prints on the headlight bulb, as they may create hot spots on the bulb and cause it to break.
  - If you touch the bulb with your bare hands, clean it with a cloth moistened with alcohol to prevent its early failure.
  - Be sure to install the dust cover after replacing the bulb.
- Check the battery condition before performing any inspection that requires proper battery voltage.
- A continuity test can be made with the switches installed on the motorcycle.  
For the following component locations, see page 17-2 of this manual (SYSTEM LOCATION); for inspections, refer to the applicable pages.

Component	Inspection method	Remarks
Clutch switch	Section 25 of the Common Service Manual	
Coolant temperature gauge/ Thermo sensor	Section 25 of the Common Service Manual	Temperature gauge removal (page 17-6). Thermo sensor removal (page 5-4).
Fan motor switch	Section 25 of the Common Service Manual	Removal (page 5-6).
Front brakelight switch	Section 25 of the Common Service Manual	
Fuel pump/Fuel cut-off relay	Section 25 of the Common Service Manual	Removal (page 6-13).
Horn	Section 25 of the Common Service Manual	
Handlebar switches	Check for continuity on the continuity chart of the WIRING DIAGRAM, page 18-1.	Switch connectors are located inside the headlight case (page 1-19).
Ignition switch		
Neutral switch	Section 25 of the Common Service Manual	TORQUE: 18 N·m (1.8 kg-m, 13 ft-lb) Apply sealant to the threads.
Oil pressure switch/warning light	Section 25 of the Common Service Manual	Oil pressure check: Section 4 of the Common Service Manual Oil pressure switch torque: 12 N·m (1.2 kg-m, 9 ft-lb)
Rear brakelight switch	Section 25 of the Common Service Manual	
Turn signal lights	Section 25 of the Common Service Manual	3 terminals relay.