

# 19. LIGHTS/METERS/SWITCHES

|                                      |       |                     |       |
|--------------------------------------|-------|---------------------|-------|
| SYSTEM LOCATION                      | 19-0  | OIL PRESSURE SWITCH | 19-12 |
| SERVICE INFORMATION                  | 19-1  | IGNITION SWITCH     | 19-13 |
| HEADLIGHT                            | 19-3  | HANDLEBAR SWITCHES  | 19-14 |
| POSITION LIGHT                       | 19-4  | BRAKE LIGHT SWITCH  | 19-15 |
| TURN SIGNAL                          | 19-4  | CLUTCH SWITCH       | 19-15 |
| TAIL/BRAKE LIGHT                     | 19-5  | NEUTRAL SWITCH      | 19-15 |
| COMBINATION METER                    | 19-5  | SIDE STAND SWITCH   | 19-16 |
| TACHOMETER                           | 19-9  | HORN                | 19-17 |
| COOLANT TEMPERATURE GAUGE/<br>SENSOR | 19-10 | TURN SIGNAL RELAY   | 19-17 |
| COOLING FAN MOTOR SWITCH             | 19-11 |                     |       |

## SERVICE INFORMATION

### GENERAL

#### ▲WARNING

- *A halogen headlight bulb becomes very hot while the headlight is ON, and remains hot for a while after it is turned OFF. Be sure to let it cool down before servicing.*
- *Use an electric heating element to heat the water/coolant mixture for the fan motor switch inspection. Keep all flammable materials away from the electric heating element. Wear protective clothing, insulated gloves and eye protection.*

- Note the following 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 fail.
  - 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.
- The following color codes are used throughout this section.

Bu = Blue

G = Green

Lg = Light Green

R = Red

Sb = Sky Blue

Bl = Black

Gr = Gray

O = Orange

W = White

Br = Brown

Lb = Light Blue

P = Pink

Y = Yellow