

# 19. LIGHTS/METERS/SWITCHES

SYSTEM LOCATION	19-0	COOLING FAN MOTOR SWITCH	19-16
SERVICE INFORMATION	19-1	OIL PRESSURE SWITCH	19-17
TROUBLESHOOTING	19-3	FUEL RESERVE SENSOR	19-18
HEADLIGHT	19-4	IGNITION SWITCH	19-19
POSITION LIGHT	19-5	HANDLEBAR SWITCHES	19-20
TURN SIGNAL	19-6	BRAKE LIGHT SWITCH	19-21
TAIL/BRAKE LIGHT	19-7	CLUTCH SWITCH	19-21
COMBINATION METER	19-8	NEUTRAL SWITCH	19-21
SPEEDOMETER/VEHICLE SPEED SENSOR	19-12	SIDE STAND SWITCH	19-22
TACHOMETER	19-14	HORN	19-23
COOLANT TEMPERATURE GAUGE/SENSOR	19-15	TURN SIGNAL RELAY	19-23

## 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
Bl = Black	Gr = Gray	O = Orange	W = White
Br = Brown	Lb = Light Blue	P = Pink	Y = Yellow