

# 20. LIGHTS/METERS/SWITCHES

SYSTEM DIAGRAM	20-0	FUEL METER/FUEL UNIT	20-11
SERVICE INFORMATION	20-1	HORN	20-13
TROUBLESHOOTING	20-2	TURN SIGNAL RELAY	20-13
BULB REPLACEMENT	20-3	COOLING FAN MOTOR SWITCH	20-14
COMBINATION METER	20-5	COOLANT TEMPERATURE GAUGE/ THERMOSENSOR	20-15
IGNITION SWITCH	20-7	CLUTCH SWITCH	20-16
HANDLEBAR SWITCHES	20-8	TACHOMETER	20-17
BRAKE LIGHT SWITCH	20-8		
NEUTRAL INDICATOR/SWITCH	20-9		

## SERVICE INFORMATION

### GENERAL

#### ▲ WARNING

- Use an electric heating element to heat the water/coolant mixture for the thermosensor inspection. Keep all flammable materials away from the electric heating element. Wear protective clothing, insulated gloves and eye protection.

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 used are indicated throughout this section.

Bu: Blue	G: Green	Lb: Light Blue	R: Red
Bl: Black	Gr: Gray	O: Orange	W: White
Br: Brown	Y: Yellow		

### SPECIFICATIONS

ITEM		SPECIFICATIONS
Bulbs	Headlight (Hi/low beam)	12 V - 18/18 W x 2
	Brake/tail light	12 V - 10/5 W x 2
	License light	12 V - 5 W
	Front turn signal light	12 V - 10 W x 2
	Rear turn signal light	12 V - 10 W x 2
	Instrument light	12 V - 1.7 W x 4
	Turn signal indicator	12 V - 1.7 W
	High-beam indicator	12 V - 1.7 W
	Neutral indicator	12 V - 1.7 W
Fuse	Main	20 A
	Sub	10 A x 2
Thermosensor resistance	50°C (122°F)	133.9 - 178.9 Ω
	120°C (248°F)	14.9 - 17.3 Ω