

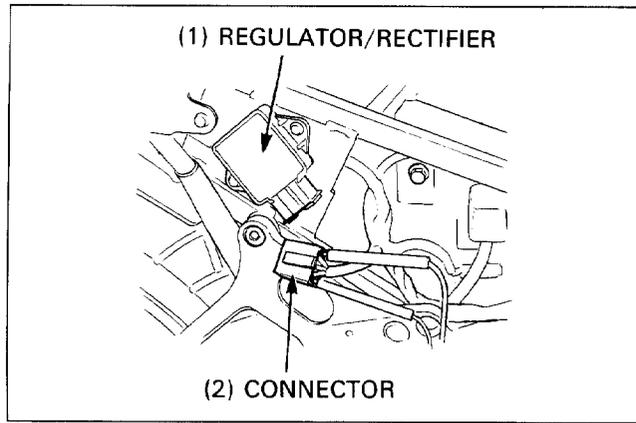
# Regulator/Rectifier

## Wire Harness Inspection

Remove the seat (page 2-2) and rear fairing (page 2-3).

Disconnect the regulator/rectifier connector and measure the following between connector terminals of the wire harness side.

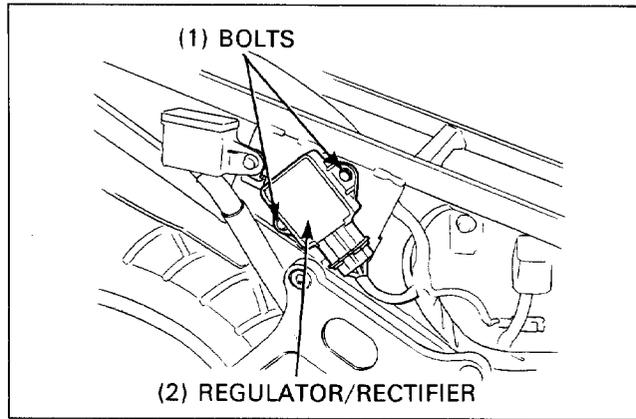
Item	Terminals	Specification
Battery charging line	Red/White (+) and ground (-)	Battery voltage should register.
Ground line	Green and ground	Continuity.
Charging coil line	Yellow and Yellow	1.0-2.0Ω (20°C/68°F)



## Unit Inspection

Remove two bolts and regulator/rectifier.

Inspect the regulator/rectifier unit by measuring the resistance between the terminals. (Refer to the chart at the bottom of this page.)



### NOTE

- Resistance value will not be accurate if the probes touch your finger.
- Use the following recommended multimeter. Using another manufacturer's equipment may not allow you to obtain the specified values. This is due to the characteristic of semiconductors, which have different resistance value depending on the applied voltage.

#### Specific Multimeters:

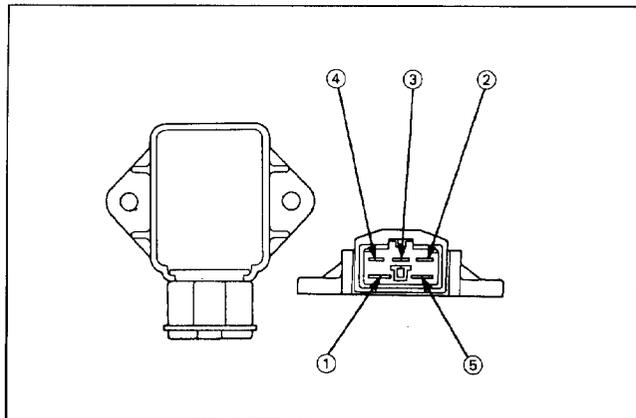
- KS-AMH-32-003 (U.S.A. only: Digital type)
- 07308-002001 (SANWA Analogue type)
- TH-5H (KOWA Analogue type)

- Select the following range.

**SANWA tester:** ×kΩ

**KOWA tester:** ×100Ω

- When using the KOWA multimeter, remember that all readings should be multiplied by 100.
- An old, weak multimeter battery could cause inaccurate readings. Check the battery if the multimeter registers incorrectly.



Replace the regulator/rectifier unit if the resistance value between the terminals is abnormal.

Install the regulator/rectifier in the reverse order of removal.

Unit: kΩ

	+	①	②	③	④	⑤
①	-		∞	∞	∞	∞
②		0.5-10		∞	∞	∞
③		0.5-10	∞		∞	∞
④		0.5-10	∞	∞		∞
⑤		0.7-15	0.5-10	0.5-10	0.5-10	