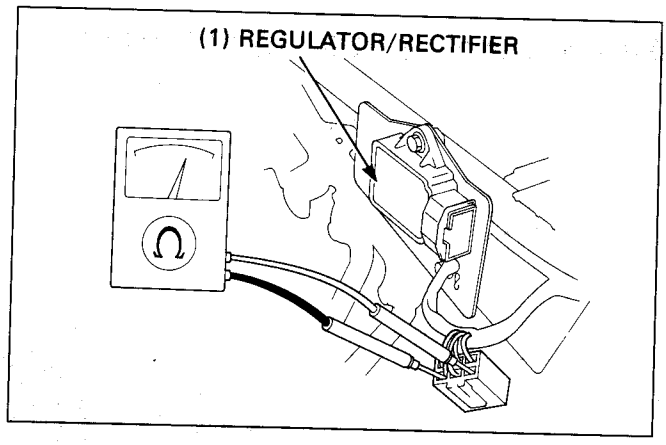
Regulator/Rectifier

Wire Harness Inspection

Remove the right side cover (page 2-2)

Disconnect the regurator/rectifier connector and measure the following between rectifier 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 exist.
Charging coil line	Yellow and Yellow	0.1-1.0Ω (20° C/68° F)



Unit Inspection

Disconnect the regurator/rectifier connector and remove the bolts and regurator/rectifier.

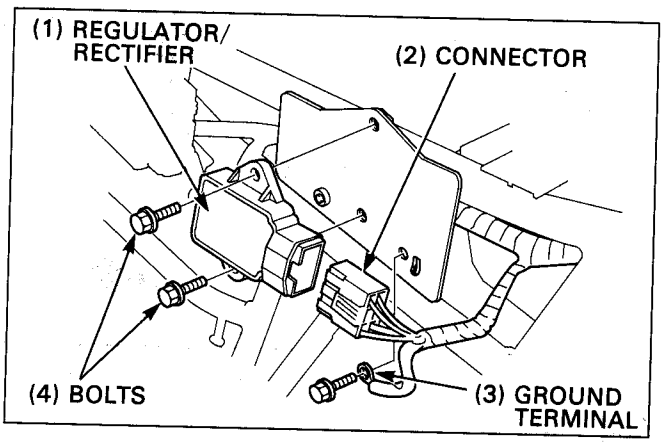
Inspect the regurator/rectifier unit by measuring the resistance between the terminals.

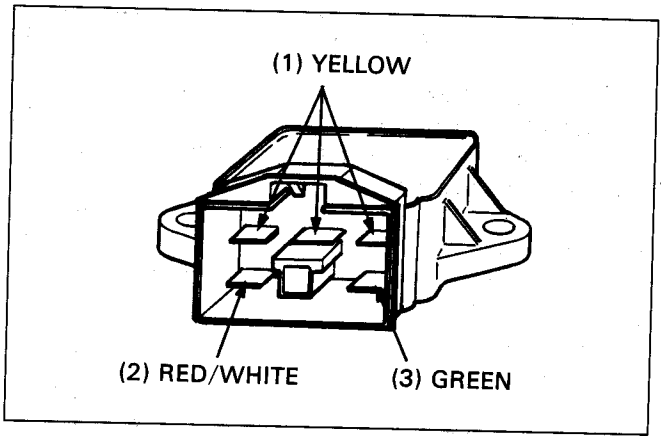
NOTE

- You'll get false readings if the probes touch your finger.
- Use the specified multitester. Using other equipment may not allow you to obtain the correct values. This is due to the characteristic of semiconductors, which have different resistance value depending on the applied voltage.
  Specific Multitester :
  -07411-0020000 (KOWA Digital type)
  -07308-0020001 (SANWA Analogue type)
  -TH-5H (KOWA Analogue type)
- Select the following range.
  SANWA tester: ×k Ω
  KOWA tester: ×100 Ω
- When using the KOWA multitester, remember that all readings should be mutiplied by 100.
- An old battery stored in the multitester could cause inaccurate readings. Check the battery if the multi-tester registers incorrectly.

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

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





Unit:kΩ

+ / −	Red/ White	Yellow 1	Yellow 2	Yellow 3	Green
Red/White		∞	∞	∞	∞
Yellow 1	0.5-10		30-500	30-500	10-200
Yellow 2	0.5-10	30-500		30-500	10-200
Yellow 3	0.5-10	30-500	30-500		10-200
Green	1-20	0.5-10	0.5-10	0.5-10	