

### Unit Inspection

Provided the circuit on the wire harness side is normal and there are no loose connections at the connector, inspect the regulator/rectifier unit by measuring the resistance between the terminals.

**NOTE**

- You'll get false readings if the probes touch your fingers.
  - Use the specified multimeters. Using other equipment may not allow you to obtain the correct results. This is due to the characteristic of semiconductors, which have different values depending on the applied voltage.
- Specific Multimeter:**
- 07411-0020000 (KOWA Digital type)
  - 07308-0020001 (SANWA Analogue type)
  - TH-5H (KOWA Analogue type)
- **Select the following range:**  
**SANWA: × kΩ**  
**KOWA: × 100Ω**
  - An old battery stored in the multimeter could cause inaccurate readings. Check the battery if the test results are not as expected.
  - When using the KOWA multimeter, remember value that all readings should be multiplied by 100.

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

### Removal/Installation

- Remove the fuel tank (page 2-3).
- Remove the fuel tank front cushion and left front side cover.
- Disconnect the regulator/rectifier connector.
- Remove the mounting bolt and regulator/rectifier unit.

Installation is in the reverse order of removal.

### Alternator

**NOTE**

- It is not necessary to remove the stator to make this test.

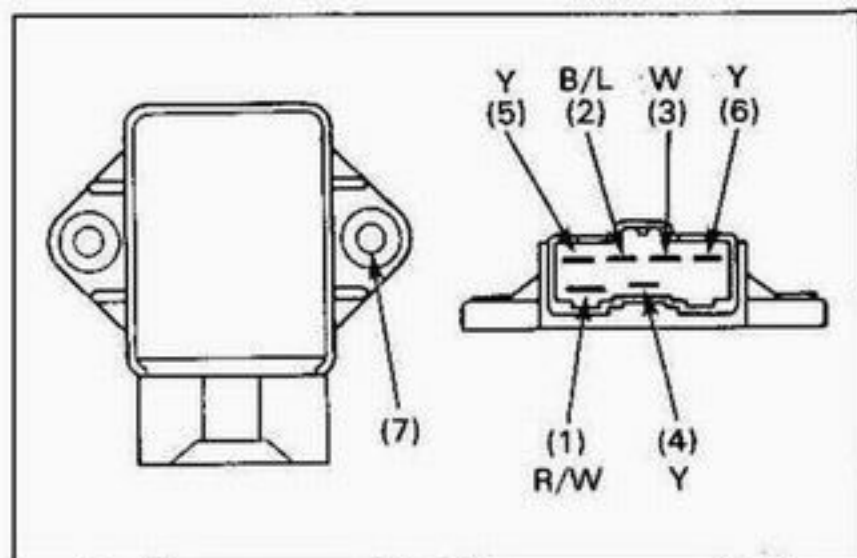
Disconnect the alternator 4P connector.

Measure the resistance between the two Yellow wire terminals, and between the White and Black wire terminals.

**Standard:**

- Yellow-Yellow: 0.4-0.6Ω (20°C/68°F)**
- White-Black : 2.1-2.6Ω (20°C/68°F)**

Replace the stator if the resistance is out of specification or if there is continuity between the Yellow or White wire terminal and ground.



RECTIFIER PORTION

Unit: kΩ

Probe⊕ / Probe⊖	1	4	5	6	7
1		∞	∞	∞	∞
4	0.5-50		∞	∞	∞
5	0.5-50	∞		∞	∞
6	0.5-50	∞	∞		∞
7	0.5-50	0.5-50	0.5-50	0.5-50	

REGULATOR PORTION

Unit: kΩ

Probe⊕ / Probe⊖	2	3	7
2		1-30	0.5-20
3	0.5-30		1-50
7	0.5-20	0.5-30	

