

Charging System

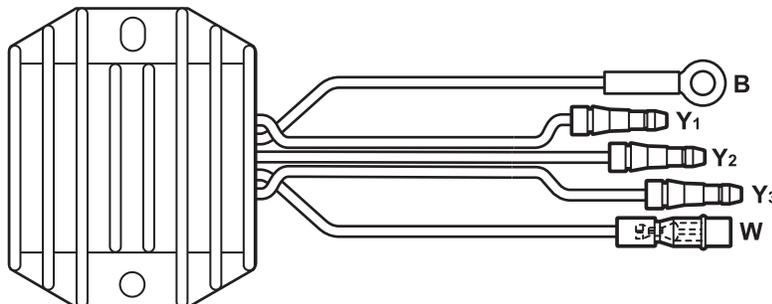
Service Instructions

Rectifier / Regulator Inspection (All models)

CENDK1121B06011

Recommended tester for inspection has been changed.
 Inspect the rectifier/regulator in the following procedures:

- 1) Remove the rectifier/regulator.
 Refer to "Rectifier / Regulator Removal and Installation" in related manual.
- 2) Measure voltage between leads in the combinations shown.
 If measurement exceeds specification, replace rectifier/regulator.



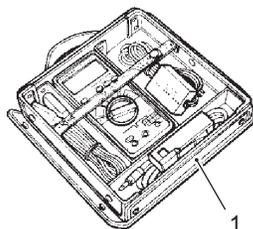
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Special tool

 : 09900-25008 (Multi circuit tester set)

Tester knob indication

Diode test (←→)



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1. Multi circuit tester set

Unit: V

		Tester probe (+)				
		W	B	Y1	Y2	Y3
Tester probe (-)	W	—	0.4 – 0.8	0.3 – 0.6	0.3 – 0.6	0.3 – 0.6
	B	*	—	*	*	*
	Y1	*	0.3 – 0.6	—	*	*
	Y2	*	0.3 – 0.6	*	—	*
	Y3	*	0.3 – 0.6	*	*	—

*: 1.4 V or more (Tester's battery voltage.)

NOTE

If the tester reads 1.4 V or below when the tester probes are not connected, replace its battery.

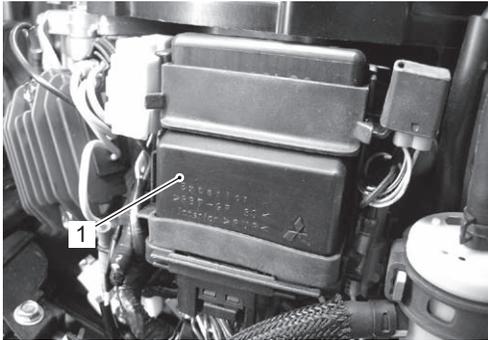
- 3) Install the rectifier/regulator.

Main Relay Inspection (Remote Control Model)

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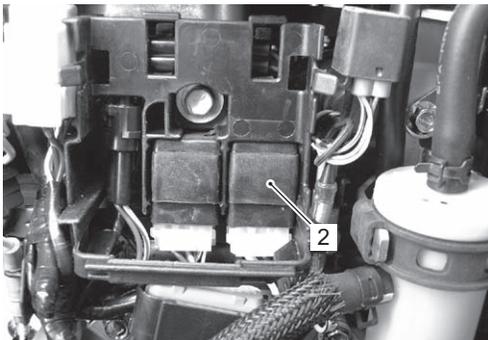
Inspect the main relay using the following procedures:

- 1) Disconnect lead wire connector from ECM (1), then remove ECM.

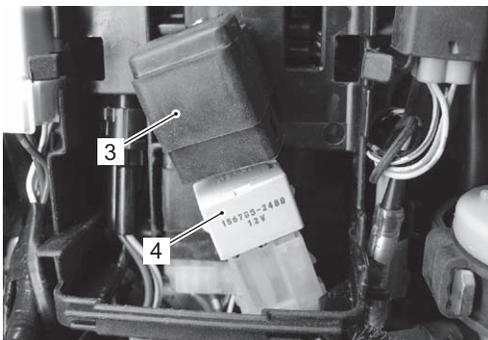


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- 2) Pull out the main relay and relay cover (2) from electric parts holder.
- 3) Remove the relay cover (3), then disconnect the main relay (4) from the lead wire connector.



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- 4) Check continuity between terminal (5) and (6) each time 12 V power supply is applied to terminal (7) and (8).
Connect the positive (+) lead to terminal (8), and negative (-) lead to terminal (7).

NOTICE

If the 12 V power supply wire is connected to wrong terminal or touched to each other, the power supply wire, tester may be damaged.

Be careful not to touch 12 V power supply wires to each other or with other terminals.

Special tool

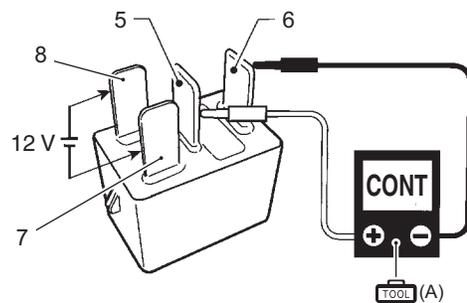
TOOL : 09930-99320 (Digital tester)

Tester knob indication

Continuity (\bullet)

Main relay function

	Continuity
12 V power applied	Yes
12 V power not applied	No



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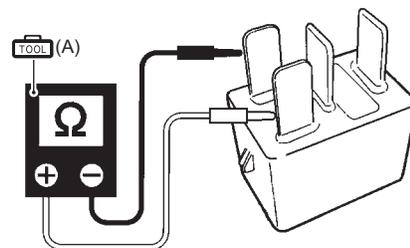
- 5) Measure the resistance between relay terminals (7) and (8).
If out of specification, replace main relay.

Tester knob indication

Resistance (Ω)

Main relay solenoid coil resistance

Standard: 145 – 190 Ω



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- 6) Reinstall parts removed earlier.

