

16. BATTERY, CHARGING SYSTEM

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MAINTENANCE INFORMATION

Warnings

* A special regulator rectifier is used on this machine. Do not use regulator/rectifiers from a different machine. If a different regulator/rectifier is used the CDI unit will be damaged.

- Connect each lead to a lead of the same colour. If connected to an incorrect lead trace the correct one and connect. Before disconnecting check all lead colours
- Connect couplers of the same colours
- AC generator removal (section 10)
- Refer to 1.28 for the total system troubleshooting section

Maintenace free battery:

- Fluid level inspection is not necessary. No need to adjust fluid levels
- When charging battery, remove battery from frame, but do not remove fluid caps
- Do not use 'quick charging' for battery unless an emergency
- Always charge battery for the standard time and charging level
- Always use a digital circuit tester to inspect charging performance
- When replacing battery, do not use an uncompatable battery

BATTERY	Capacity	12V 3 AH
	Electric Current	0.4A
	Open voltage	13.0-13.2V (20°C)
Start of charging revolutions (headlight-lowbeam) under		1.050rpm
REGULATOR/RECTICIFER	Type	Silister
	Voltage stop	13.5-15.5V
AC GENERATOR COIL RESISTANCE		0.2-0.9Ω
AC GENERATOR OUTPUT		180W/5.000rpm

TOOLS

Gauges	
Digital Circuit Tester (Showa)	07411-0020000
Circuit Tester (Sanwa)	07308-0020000
(Showa)	TH-5H