

## 15. Charging System/Alternator

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### Service Information

#### GENERAL WARNING

- The battery gives off explosive gases; keep sparks, flames, and cigarettes away. Provide adequate ventilation when charging or using the batteries in an enclosed space.
- The battery contains sulfuric acid (electrolyte). Contact with skin or eyes may cause severe burns. Wear protective clothing and a face shield.
  - If electrolyte gets in your skin, flush with water.
  - If electrolyte gets in your eyes, flush with water for at least 15 minutes and call a physician immediately.
- Electrolyte is poisonous. If swallowed, drink large quantities of water or milk and follow with milk of magnesia or vegetable oil and call a physician.
- KEEP OUT OF REACH OF CHILDREN.

#### CAUTION:

- Some electrical components may be damaged if terminals or connectors are connected or disconnected while the ignition switch is ON and current is present.
- The battery on this motorcycle is a sealed type. Do not try to remove the filler hole caps even during charging. Do not use a non-sealed battery as a replacement.

#### NOTE

- Refer to the instructions in the Operation Manual for the HONDA Battery Tester and ~~Christie Battery Charger~~ for detailed battery charging steps.
- The maintenance free battery must be replaced when it reaches the end of its service life.

- Quick charge a battery only in an emergency. Slow-charging is preferred.
- Remove the battery from the motorcycle when charging. If the battery must be charged on the motorcycle, disconnect the battery cables.
- When inspecting the charging system, check the system components and lines step-by-step according to the troubleshooting on page 14-3.15-3
- The following colour codes used are indicated throughout this section and on the wiring diagram.
 

Bu=Blue	G=Green	Lg=Light green	R=Red
Bl=Black	Gr=Gray	O=Orange	V=White
Br=Brown	Lb=Light blue	P=Pink	Y=Yellow
- Always turn off the ignition switch before disconnecting any electrical component.
- For extended storage, remove the battery, give it a full charge, and store it in a cool, dry place.
- For battery remaining in an stored motorcycle, disconnect the negative battery cable from the battery terminal.
- Immediately wash off any spilled electrolyte.

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