

# 17. Electric Starter

Service Information	17-1	Troubleshooting	17-3
System Location	17-2	Starter Motor Removal/Installation	17-5
Circuit Diagram	17-2	Starter Motor Disassembly/Assembly	17-6

## Service Information

### ⚠ WARNING

- **Always turn the ignition switch OFF before servicing the starter motor. The motor could suddenly start, causing serious injury.**
- A weak battery may be unable to turn the starter motor quickly enough, or supply adequate ignition current.
- If the current is kept flowing through the starter motor to turn it while the engine is not cranking over, the starter motor may be damaged.
- For the following component inspections, refer to the following pages; for the parts locations, see page 17-2 of this manual (System Location).

Clutch switch diode	Section 24 of the Common Service Manual
Starter motor	Section 24 of the Common Service Manual
Starter relay switch	Section 24 of the Common Service Manual ("A" circuit type)
Clutch switch	Section 25 of the Common Service Manual
Neutral switch	Section 25 of the Common Service Manual
Ignition switch	Check for continuity on the continuity chart of the Wiring Diagram, section 19. Disconnect the switch connector at the back of the instruments and check it.
Side stand switch	See page 18-9.