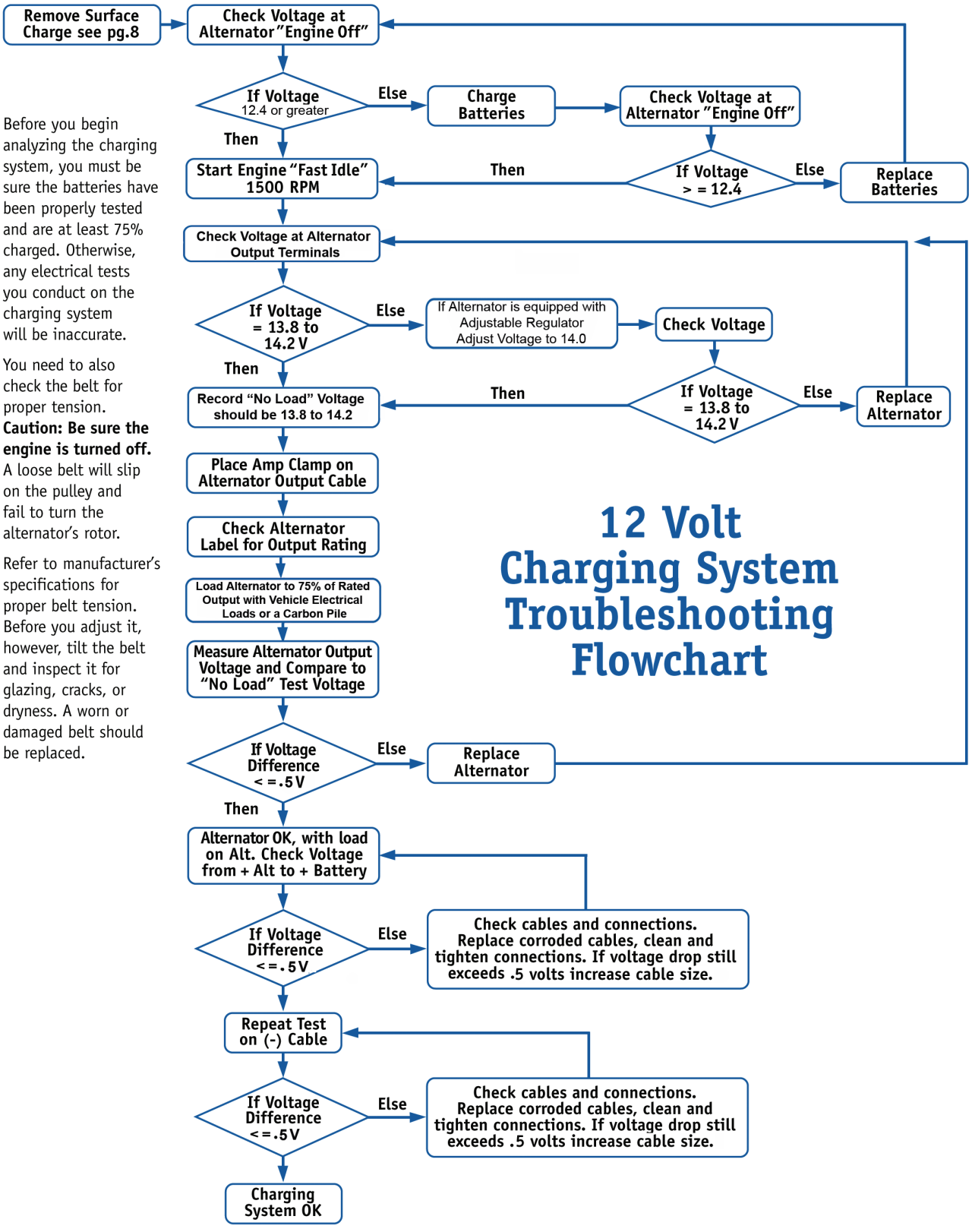
Leece·Neville
HEAVY DUTY SYSTEMS

12 Volt Charging System Troubleshooting Flowchart



Before you begin analyzing the charging system, you must be sure the batteries have been properly tested and are at least 75% charged. Otherwise, any electrical tests you conduct on the charging system will be inaccurate.

You need to also check the belt for proper tension. **Caution: Be sure the engine is turned off.** A loose belt will slip on the pulley and fail to turn the alternator's rotor.

Refer to manufacturer's specifications for proper belt tension. Before you adjust it, however, tilt the belt and inspect it for glazing, cracks, or dryness. A worn or damaged belt should be replaced.