



# TECH TIPS

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**Dixie Part Numbers:** A-1672 101-07100

**Applications:** 2002 Boats with a Crusader 8.1 MPI or 8.1MPI HO engine.

**Conditions:** The operator of the vehicle may complain of erratic alternator performance such as:

- voltage fluctuations
- a dead or low battery
- a burnt alternator
- engine compartment fire

**Cause:** A potential cause for the above conditions is that the factory installed alternator was painted prior to being installed on the engine, preventing the alternator from being adequately grounded.

**Correction:** Follow the manufacturer's recommended repair process and ensure that paint has been adequately removed from the alternator grounding surfaces.