



# TECH TIPS

**Dixie Part Numbers:**    A-1665        A-1667        A-8311        A-8323  
                                  A-8764        A-8807        101-05112    101-07106  
                                  109-12144    141-33102

**Applications:**        2001 – 2005 Mercury Marine Mercruiser Alpha and Bravo engines

**Conditions:** The operator of the vehicle may complain of erratic charging and or electrical problems up to and including an engine fire.

**Cause:**                A potential cause for the above conditions is the routing of the alternator positive output wire. The wire may be improperly routed against the oil dipstick. Chaffing over time could cause the cable to short circuit.

**Correction:** Follow the manufacturer's recommended inspection and repair procedures when required ensuring that the positive output cable cannot chaff against the dipstick or other engine components.

