



TECH TIPS

Dixie Part Numbers: A-289 A-2044 A-2045 A-2046
 A-80145 A-80146 S-2074 S-2100
 S-2102

Applications: 2000 – 2006 Lincoln LS
 2002 – 2005 Ford Thunderbird

Condition: The operator of the vehicle may complain of one or more of the following conditions:

- Vehicle not starting
- Multiple alternator failures
- Hard cranking

Cause:

A potential cause for the above conditions is excessive quiescent (parasitic) drain.

Correction:

Test for quiescent drain, take care when performing the test as there is a “stand-by” mode when the key is removed where the draw should be 850 mA or less. The “stand-by” mode lasts up to 45 minutes at which point the system powers down. In the powered down or sleep mode the quiescent draw should be 35mA or less. **Please note** that this is slightly higher than the standard 30 mA limit presented in the Dixie training seminars.

If the drain exceeds these limits look for after-market installed electronic components, if present disconnect them and perform the test again. Then diagnose for the source of the drain following the manufactures’ recommended procedures.

Revision 20090709: Added A-2045