



TECH TIPS

Dixie Part Numbers: A-9442 and A-80027

Applications: 2002 - 2003 Kia Sedona

Condition:

The operator of the vehicle may complain of battery discharge in high heat conditions when the air conditioning is on along with other accessories and the engine is at idle.

Cause:

At high temperature with all the accessories and the air conditioning on the alternator can not produce the amperage required by the system.

Correction:

Kia recommends that if there are no other issues with the charging system that the alternator be replaced with one with a smaller diameter pulley. Dixie offers this unit as A-9442.

When performing this change it is vital that the ECM is reprogrammed to operate correctly with the new alternator. Follow the manufacturers' recommended procedures for updating the ECM.

In addition the alternator belt will need to be changed from 1K52Y 15 909A to 1K52Y 15 909B.

Kia also recommends installing a heat shield on the battery (part number 0K52Y 18 590).

REV: 20120227 Updated range to include 2002 applications