



# TECH TIPS

**Dixie Part Numbers:** A-80027 and S-8777

**Applications:** 2002 – 2003 Kia Sedona

**Condition:**

The operator of the vehicle may complain of intermittent hard starting or requiring a boost to get the vehicle going. The issue will predominantly be after the vehicle has sat for a number of days.

**Cause:**

A potential cause is quiescent draw (parasitic drain) caused by a faulty driver's seat lumbar support switch.

**Correction:**

To test if the cause is the driver's side lumbar support switch perform the following test:

- Ensure that the battery is fully charged
- Close all the doors and ensure all the accessories are off
- Disconnect the negative battery cable from the battery
- Connect an ammeter in series (one end to the negative battery wire and the other to the negative battery terminal).
- The draw should be less than 30 milliamps.
- If it is more than 30 milliamps disconnect the driver's seat lumbar support switch. Recheck the draw as described above. If the draw is still in excess of 30 milliamps check for after-market products (radios, amplifiers etc.) and other circuits for the source of the quiescent draw.
- If the draw has dropped below 30 milliamps then the switch must be replaced (part number 1K56E 88 104).
- Recheck the system as described above.