



# TECH TIPS

**Dixie Part Numbers:**      A-8397      A-8400      S-8420  
   S-8427      S-8428

**Applications:**      1993 – 1994 Ford Probe

**Condition:**      The operator of the vehicle may complain that the vehicle is hard to start. The technician may observe that the battery voltage is low.

**Cause:**      A potential cause for the above condition is corrosion in the wiring. If the fuel shut off lamp illuminates during cranking, the problem may be traced to corrosion and/or an open circuit or ground at splice 102 which runs under the driver's side headlight.

**Correction:**      Perform a voltage drop test across circuit 9 from the 30A fuel pump/injector fuse to the S terminal on the alternator, then from the same fuse to the Powertrain Control Module power relay. Any voltage drop off more than 0.2V means there is a fault in the circuit. Remove the driver's side headlight and cut open the harness. If there is corrosion present cut out the bad section of wiring and replace it. Solder the ends and use adhesive lined heat shrink tubing to seal the connection. If a shorting problem is found, cut open the circuit, slide on adhesive lined heat shrink tubing, solder the cut ends and seal the connection. Reassemble all parts removed to repair the vehicle.

REV:20101220 Corrected part number S-8428, mistyped as S-8427(2x)