



# TECH TIPS

**Dixie Part Numbers:**    A-1289        A-1371        A-8260        A-8470  
                                  A-8471        S-1363        S-1395        S-8418  
                                  S-8476

**Applications:**        1988 – 1994 Isuzu Pickup  
                                  1988 – 1994 Isuzu Trooper

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

- The vehicle has low battery power.
- The alternator has low output.
- The engine is hard to start or fails to start.

**Cause:**        A potential cause for the above conditions is the wiring harness on the rear of the alternator. From the factory the wires were routed through a metal retaining clamp. Vibration can cause the insulation to be rubbed off by the metal retaining clamp.

**Correction:**    The manufacturer suggests the following repairs:

- Remove the wires from the wire retainer.
- Insulate the wires with a thick covering to prevent chaffing (replace the wires if the conductors are damaged or corroded). Use electrical tape and loom to protect the wires.
- Re-route the wires away from the rear of the alternator.