



# TECH TIPS

Dixie Part Numbers: S-1371 S-1395 S-1398

**Applications:**

- 1991 – 1993 Buick Regal 3.1L
- 1991 – 1993 Chevrolet Beretta 3.1L
- 1991 – 1992 Chevrolet Camaro 3.1L
- 1993 Chevrolet Camaro 3.4L
- 1991 – 1993 Chevrolet Cavalier 3.1L
- 1991 – 1993 Chevrolet Corsica 3.1L
- 1991 – 1993 Chevrolet Lumina 3.1L
- 1991 – 1993 Chevrolet Lumina 3.4L
- 1991 – 1993 Chevrolet Lumina APV Van 3.1L
- 1991 – 1993 Isuzu Pickup 3.1L
- 1991 – 1993 Isuzu Rodeo 3.1L
- 1991 – 1993 Oldsmobile Cutlass 3.1 L
- 1991 – 1993 Oldsmobile Cutlass 3.4 L
- 1991 – 1993 Oldsmobile Silhouette 3.1 L
- 1991 – 1992 Pontiac Firebird 3.1L
- 1993 Pontiac Firebird 3.4L
- 1991 – 1993 Pontiac Grand Prix 3.1L
- 1991 – 1993 Pontiac Grand Prix 3.4L
- 1991 – 1993 Pontiac Sunbird 3.1L
- 1991 Pontiac Tempest 3.1L
- 1991 – 1993 Pontiac Trans Sport 3.1L

**Condition:** The operator of the vehicle may complain of an intermittent click and/or no start condition.

**Cause:** A potential cause for the above conditions is a poor connection to the starter, the battery, or the grounding system in the vehicle. In addition several alarm systems, including the *Goodwrench* system may add enough resistance to the starter solenoid circuit to prevent the starter solenoid from engaging. The wiring in the alarm system may not be able to carry the total current required by the starter solenoid in all cases.

**Correction:** Perform a voltage drop test on the starter system as defined in *TSB-001 Voltage Drop Testing*. Correct any voltage drop issues prior to proceeding. Check for alarm circuit wiring that may interfere with the starter operation and require the circuits using a larger gage of wire.