



File in Section: 02 - Steering

Bulletin No.: 06-02-35-017

Issue Date: August, 2006

TECHNICAL

Subject: Intermittent No Crank/No Start, Clicking Noise When Key Turned to Start, "Security" Light May Flash, "Service Vehicle" Message in Driver Information Center (DIC), DTC B2960 and/or B3033 Set (Replace Ignition Switch)

Models

Affected: 2006-2007 Saturn ION
Built Between VIN Breakpoints 6Z161624 and 7Z119036

Condition:

Some customers may comment that the vehicle will not start intermittently. This comment is referred to as "no crank, no start with complete power."

Additional customer comments may be as follows:

- A clicking noise may be noticed when the key is first turned to the START position, but no noise is heard after the initial start attempt.
- The "Security" light may flash immediately after trying to start the vehicle along with the message "Service Vehicle" in the Driver Information Center.
- The vehicle may not start for at least 10 minutes after the first attempt to start the vehicle. Diagnostic trouble codes (DTCs) B2960 and/or B3033 may be set in history in the body control module (BCM).

Cause:

When the key is rotated from the RUN to the START position there is a voltage signal sent to the BCM that goes through the PASSLOCK™ resistor in the ignition switch. An inconsistent contact inside the ignition switch between the printed circuit board and the contact finger may cause a no start condition.

Correction:

Replace the ignition switch. Refer to Ignition and Start Switch Replacement in SI.

Important: The 30-Minute Learn Procedure must be performed after the ignition switch has been replaced. Refer to Programming Theft Deterrent System Components in SI.

Saturn bulletins are intended for use by professional technicians, NOT a "do-it-yourself." They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your Saturn Retailer for information on whether your vehicle may benefit from the information.

Parts Information

Part Number	Description
10392423	Ignition Switch Assembly

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
N2320	Switch - Ignition – Replace	Use Published Labor Operation Time