



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Unwanted StabiliTrak Activation

**Models:** 2005-2006 Cadillac STS

*This PI was superseded to update recommended field. Please discard PIC3171D.*

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### Condition/Concern

Some customers may have a concern of unwanted StabiliTrak activation and/or a "STABILITY SYS ACTIVE" message on the DIC when turning. Possible DTC C0252 or C0710.

### Recommendation/Instructions

Park the vehicle with the front wheels facing forward.

Use the Tech 2 and monitor the Steering Wheel Position Sensor Phase A and Phase B parameters under VSES data.

Phase A should read approximately 2.5V and Phase B should read approximately 0V. If the SWPS reads incorrectly, the Technician will need to inspect the lower steering column bearing for damage.

From the engine compartment, push inward on the upper portion of the steering shaft (towards the steering wheel). The shaft should not move. If movement is noted, replace the steering column assembly or install a steering column kit (and transfer parts as needed). If no movement is noted, continue diagnosing using the appropriate procedure in SI.

### Warranty Information

The correction for this concern may be one of several repairs described above. For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.

### ADDITIONAL SI KEYWORDS:

ABS apply brake EBCM EBTCM

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

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GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". 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 GM dealer for information on whether your vehicle may benefit from the information.



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