



Application: 1997-2004 C5 Corvette

Part Includes

Column Lock Simulator Kit



Tools Needed



Search: **Steering System**
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Never perform electronic service with the vehicle running or key in the ignition. Installing this module will remove the steering lock function from your anti-theft system. The simulator will provide the proper signal to your vehicle computer to prevent error codes. Please refer to your GM manual for disassembly procedure if you are not familiar with the vehicle.

STEP 1.

Gently pull the trunk release/fog lamp switch plate away from the dashboard assembly and disconnect the plug. Remove the screw that is now accessible.

STEP 2.

Remove 2 screws located under the dashboard kneepad.

STEP 3.

(If equipped) remove the interior air temperature sensor cover plate. Disconnect the plug. Remove the screw that is now accessible.

STEP 4.

Pull the dashboard kneepad away from the steering column gently and remove it.

STEP 5.

Find the 4 wires (black, green, orange and purple) running under the dash to their connector and disconnect. This is the steering lock mechanism connector.

STEP 6.

Plug the column lock simulator into the connector previously connected to the steering lock mechanism (step 5).

STEP 7.

The column lock mechanism must now be disengaged using the lighter plug assembly.

STEP 8.

Connect the lighter plug assembly connector to the locking mechanism connector unplugged in Step 5 and the vehicle lighter receptacle. Turn key on momentarily. You should hear the steering lock mechanism disengage. Make certain the steering wheel moves freely. If not, refer to the GM manual for removal of locking mechanism instruction. You must free the steering wheel before continuing. Remove the lighter plug assembly, it is no longer needed.



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Description (cont.)

STEP 9.

Secure the column lock simulator under the dash using tape strip provided. Installation is complete. Reassemble vehicle as necessary.

If a "service column lock" or "pull key and wait 10 sec" error is displayed, remove the key and fuses no. 25 and no. 29 from the fuse panel. Or disconnect battery positive terminal and wait 15 minutes and replace.

1997-2004 CORVETTE COLUMN LOCK AND ACTUATOR FACTS

Explanation: The Corvette Anti-Theft System includes a locking mechanism which secures the steering column when vehicle key is off. This locking mechanism must lock and unlock when vehicle is OFF and ON. If not, the anti-theft system is activated.

Malfunction: The locking mechanism on the Corvette column is a 12 volt driven actuator. This is a device that has been known to stick and/or malfunction as it does on the C5 Corvette.

Facts

1. There are many recalls which have been implemented by Chevrolet for this defect, none of which appear to provide a permanent resolution.
2. The computer supplies the current to the locking mechanism and has no current limiting circuit. For this reason, it is important not to turn on the key once malfunctioning is detected until the simulator/bypass is installed.
3. If error continues after simulator/bypass is installed, remove the BCM (passenger's side firewall) from the vehicle for an hour. Removing the BCM will allow the computer to fully discharge. When reinstalled, it will hard reset and should operate normally.
4. After removal and reinstallation, if the BCM is still triggering the anti-theft system, it has been damaged by over current during the initial malfunction. BCM must be replaced.
5. There are situations where a damaged computer will reset and appear to work only to malfunction later. Replace the BCM. Do not remove the simulator/ bypass. Permanent Fix: After installing the column lock simulator, do not remove for any reason!