

# INSTALL/REMOVAL INSTRUCTIONS: CLOCK SPRING

**ATTENTION:** Refer to the appropriate shop manual for your vehicle to obtain specific service procedures for this part. If you do not have a service manual or lack the skill to install this part, it is recommended that you seek the services of a qualified technician. Pay special attention to all cautions and warnings included in the shop manual. Read and follow all instructions carefully.

## REMOVAL/INSTALL OF CLOCK SPRING (525-039) 2007–03 GM Sierra, Silverado, 1500, 2500, 3500; Crew Cab w/ Strg wheel cntrl



### General Tech Tips:

- This kit enables replacing a failed clock spring coil assembly without replacing the entire in-column wiring harness. The installation procedure shown below differs from the installation procedure for the OEM part. Please read these instructions in entirety before beginning installation.

**PLEASE WEAR SAFETY  
GLASSES!**

### Tools required for removal and installation of clock spring:

- **Small flat-blade screwdriver**
- **Pick**
- **21mm socket or driver**
- **Pliers**
- **Phillips head screwdriver**



#### Disclaimer:

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## Removal Instructions

**STEP 1:** Disconnect the negative (-) battery terminal.

**STEP 2:** Wait at least 5 minutes to ensure the airbag system has de-energized.

**STEP 3: Attention!** Make certain to ground yourself by touching a metal part of the vehicle before working on the airbag system. Static electricity could cause the airbag to deploy inadvertently, resulting in injury. If you must exit and reenter the vehicle be sure to ground yourself each time.

**STEP 4:** Using a pick, insert into hole on the side of the steering wheel to release the steering wheel airbag.



**STEP 5:** Remove steering wheel airbag.



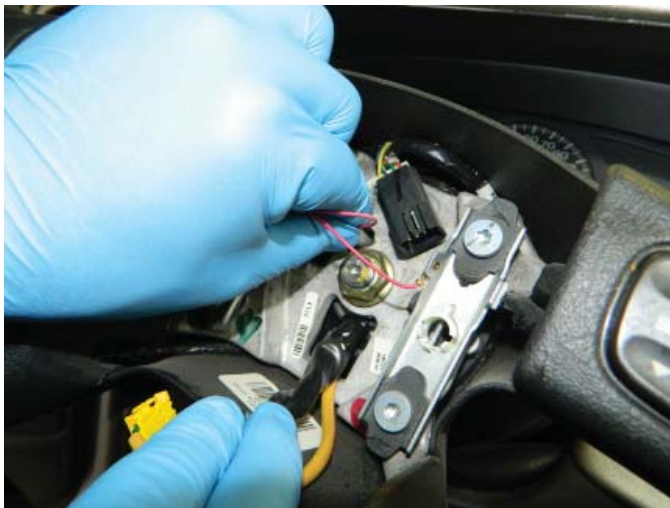
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**STEP 6:** Disconnect airbag assembly electrical connectors and carefully set aside steering wheel airbag.



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**STEP 7:** Using a 21mm socket, remove the steering wheel retaining nut.



**STEP 8:** Remove steering wheel.



**STEP 9:** Using a flat-blade screwdriver, pick, or other non-marring tool, release the upper and lower steering column covers.



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**STEP 10:** Remove the upper and lower trim cover.



**STEP 11:** Using pliers or picks, remove the clock spring retaining ring.



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**STEP 12:** Pull clock spring outward from steering wheel.



**STEP 13:** Position wire connector bundles and install wire segregator clip 1/2" from clock spring as shown. **Warning!** Failure to install connectors in the correct orientation could result in malfunction of the airbag system or inadvertent airbag deployment causing injury or death.



**STEP 14:** Using a small flat-blade screwdriver, pry clock spring cover tabs off. It is OK to damage the existing clock spring as it will be replaced in the steps below.



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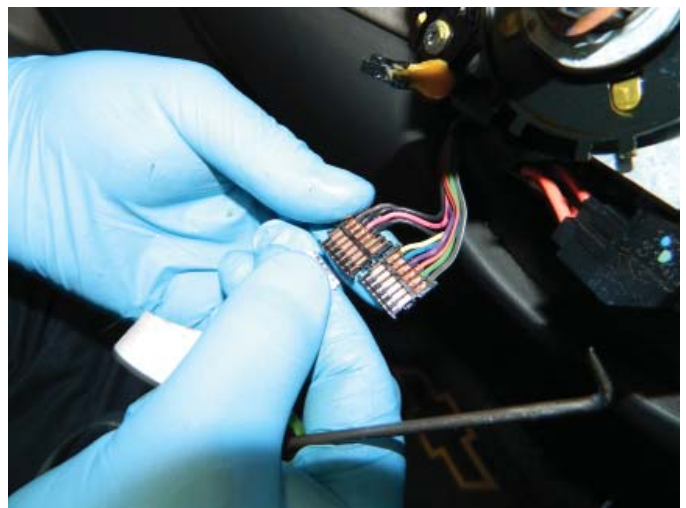
**STEP 15:** Dislodge connector bundles from existing clock spring.



**STEP 16:** Using a small flat-blade screwdriver or pick, remove the orange bands from each of the wire bundles.



**STEP 17:** Carefully peel the ribbon connector from each wire bundle.



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## Installation Instructions

**STEP 1:** Position new clock spring so that the curved surface of the connector channels matches that of the wire segregator. Do not remove the orange stop clip until Step 7.

**STEP 2:** Insert wire bundles into appropriate new clock spring channel, making sure a faint click is heard.



**STEP 3:** The wire colors should match the sticker on the clock spring.



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**STEP 4:** Using a Phillips head screwdriver, install the cover starting with the middle screw. Alternate tightening screws until the cover is secure and flush with the housing. The recommended torque for each screw is 3 lb·in.



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**STEP 5:** Replace clock spring on steering wheel.



**STEP 6:** Using pliers, reinstall clock spring retaining ring.



**STEP 7:** Remove the orange stop clip from the clock spring.



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**STEP 8:** Using a 21mm socket, attach the steering wheel retaining nut.



**STEP 9:** Reconnect airbag assembly electrical connectors.



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**STEP 10:** Replace the upper and lower trim cover.



**STEP 11:** Turn ignition key ON.

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**STEP 12:** Reconnect negative (-) battery terminal.



**STEP 13:** Ensure airbag light does not remain illuminated.

**STEP 14:** Test and verify all steering wheel controls are functioning properly

**STEP 15:** If the airbag light remains illuminated or any wheel accessory controls do not function, verify connections. If this does not correct the condition, there most likely is a problem with the column harness or another part of the airbag system.

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