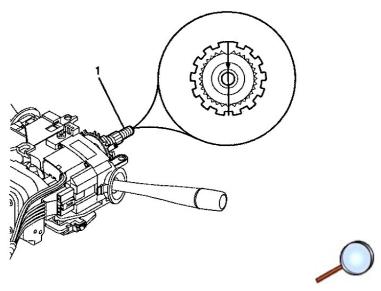
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2011 Chevrolet Corvette | Corvette (VIN Y) Service Manual | Safety and Security | Supplemental Inflatable Restraints |

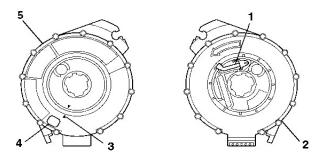
Repair Instructions | Document ID: 2165782

Airbag Steering Wheel Module Coil Centering



Caution: The new SIR coil assembly will be centered. Improper alignment of the SIR coil assembly may damage the unit, causing an inflatable restraint malfunction.

- 1. Verify the following conditions before centering the SIR coil:
 - The wheels on the vehicle are straight ahead.
 - The block tooth (1) of the steering shaft assembly is in the 12 o'clock position.
 - The ignition switch assembly is in the LOCK position.



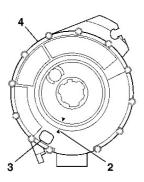


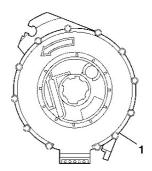
- 2. If the front (5) of the SIR coil has a centering window (4), and the back side (2) has a spring service lock (1), perform the following steps:
 - 2.1. Hold the coil with the face up.
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2.2. While depressing the spring service lock, rotate the coil hub clockwise until the coil ribbon stops.

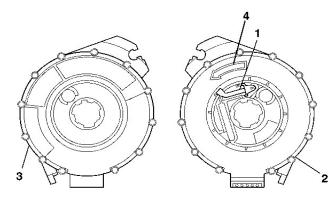
- 2.3. Rotate the coil hub slowly, counterclockwise, until the centering window appears yellow and both arrows (3) line up.
- 2.4. Release the spring service lock between the locking tab. The SIR coil is now centered.
- 2.5. Align the centered SIR coil with the horn tower and slide onto the steering shaft assembly.







- 3. If the front (4) of the SIR coil has a centering window (3) and the back side (1) has NO spring service lock, perform the following steps:
 - 3.1. Hold the coil with the face up.
 - 3.2. Rotate the coil hub clockwise until the coil ribbon stops.
 - 3.3. Rotate the coil hub slowly, counterclockwise until the centering window appears yellow and both arrows (2) line up. This is the CENTER position.
 - 3.4. While holding the coil hub in the CENTER position, align the coil with the horn tower and slide the coil onto the steering shaft assembly.

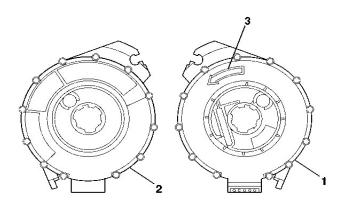




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4. If no centering window is present on the front side (3) of the SIR coil, but a spring service lock (1) is on the back side (2), perform the following steps:

- 4.1. Hold the coil with the back side up.
- 4.2. While depressing the spring service lock, rotate the coil hub in the direction of the arrow (4) until the coil ribbon stops.
- 4.3. Still pressing the spring service lock, rotate the coil hub in the opposite direction 2½ revolutions.
- 4.4. Release the spring service lock between the locking tabs. The SIR coil is now centered.
- 4.5. Align the centered coil with the horn tower and slide the coil onto the steering shaft assembly.





- 5. If no centering window appears on the front side (2) of the SIR coil and no spring service lock exists on the back side (1), perform the following steps:
 - 5.1. Hold the coil with the face up.
 - 5.2. Rotate the coil hub in the direction of the arrow until the coil ribbon stops.
 - 5.3. Rotate the coil hub, slowly, counterclockwise, for 2½ revolutions. This is the CENTER position.
 - 5.4. While maintaining the coil hub in the CENTER position, align the centered coil with the horn tower and slide the coil onto the steering shaft assembly.