Steering Wheel Module Coil Replacement (Coil)

INFLATABLE RESTRAINT STEERING WHEEL MODULE COIL REPLACEMENT (COIL)

TOOLS REQUIRED
J 42640 Steering Column Anti Rotation Pin

REMOVAL PROCEDURE

1. Disable the SIR System. Refer to SIR Disabling and Enabling Zone 3.

CAUTION: Refer to SIR Caution in Service Precautions.

2. Verify the following before removing the SIR coil:
   - The wheels on the vehicle are straight ahead.
   - That J 42640 is installed or the ignition switch is in the LOCK position.

NOTE: The wheels of the vehicle must be straight ahead and the steering column in the LOCK position before disconnecting the steering column or intermediate shaft from the steering gear. Failure to do so will cause the SIR coil assembly to become uncentered, which may cause damage to the coil assembly.

3. Remove the steering wheel from the steering shaft.
4. On vehicles with a tilt column, pull the tilt lever straight out from the steering column.

5. Remove 2 TORX(R) head screws (1) from the lower trim cover (2).
6. Remove the lower trim cover (2).
7. Remove 2 TORX(R) head screws (2) from the upper trim cover (1).
8. Remove the upper trim cover (1).
9. Remove the wire harness straps from the steering wheel column wire harness.
10. Remove the retaining ring (3).
11. Remove the SIR coil (4) from the steering shaft.
12. If replacing, discard the SIR coil.

INSTALLATION PROCEDURE
1. Verify the following:

- The wheels on the vehicle are straight ahead.
- That J 42640 is installed or the ignition switch is in the LOCK position

**NOTE:**

- The new SIR coil assembly will be centered. Improper alignment of the SIR coil assembly may damage the unit, causing an inflatable restraint malfunction.
- The wheels of the vehicle must be straight ahead and the steering column in the LOCK position before disconnecting the steering column or intermediate shaft from the steering gear. Failure to do so will cause the SIR coil assembly to become uncentered, which may cause damage to the coil assembly.
2. If reusing the existing coil it MUST be centered, refer to Inflatable Restraint Steering Wheel Module Coil Centering in Steering Wheel and Column.

**IMPORTANT:** Do not remove the centering tab from the new SIR coil until the installation is complete. If the SIR coil does not come with a centering tab, you must center the SIR coil.
3. Align the SIR coil assembly (1) with the horn tower on the turn signal cancel cam assembly (2).
4. Slide the SIR coil (4) onto the steering shaft assembly (2).
5. Firmly seat the retaining ring (3) into the groove on the steering shaft assembly (2).
6. Remove and discard the centering tab from the new SIR coil (4).
7. Install the upper trim cover (1) and secure by using 2 TORX(R) head screws (2).

**NOTE:** Refer to Fastener Notice in Service Precautions.

Tighten the screws to **1.5 N.m (13 lb in)**.
8. Install the lower trim cover (2) and secure by using 2 TORX(R) head screws (1).
9. Verify that the tabs on the lower trim cover (1) engage with the tabs on the upper trim cover (2). Snap the tabs together.

Tighten the screws to **1.5 N.m (13 lb in)**.

10. On vehicles with a tilt column, align the tilt lever into the steering column.

11. Slide the tilt lever handle into the steering column until the handle locks into
12. Install the steering wheel onto the steering shaft.
13. Enable the SIR system. Refer to SIR Disabling and Enabling Zone 3.