

2022 CHEVROLET CORVETTE SERVICE MANUAL

- SEARCH

1. Steering
2. Steering Wheel and Column
3. Repair Instructions
- 4.

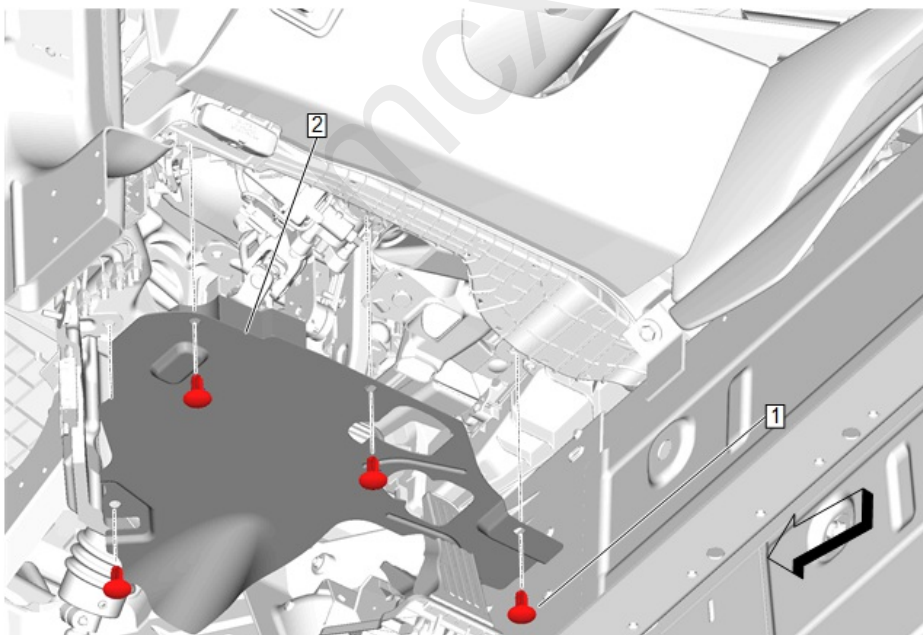
Steering Column Replacement

Removal Procedure

1. Fully extend the steering column to allow clearance to remove the intermediate steering shaft upper bolt.
2. { If equipped } Deactivate the steering column lock control module using the following procedure:
 1. With foot OFF the brake pedal and the vehicle in the PARK position, press and release the ignition and start switch once. This will place the ignition system in the ACCESSORY mode and unlock the steering column for 5 minutes.
 2. Turn the steering wheel to verify the steering column is NOT locked.
 3. Remove the fuse for the steering column lock control module. The fuse is found in the instrument panel fuse block and is labeled ESCL. Electrical Center Identification Views
- 3.
4. Warning:

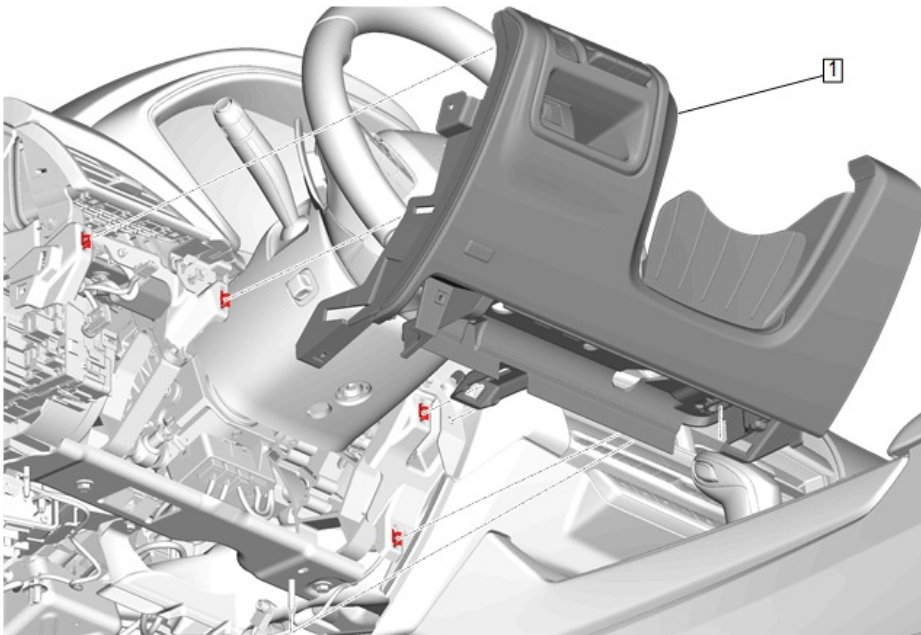
Refer to SIR Warning.
5. Warning:

Refer to SIR Inflator Module Handling and Storage Warning.
6. Disable the SIR system. SIR Disabling and Enabling



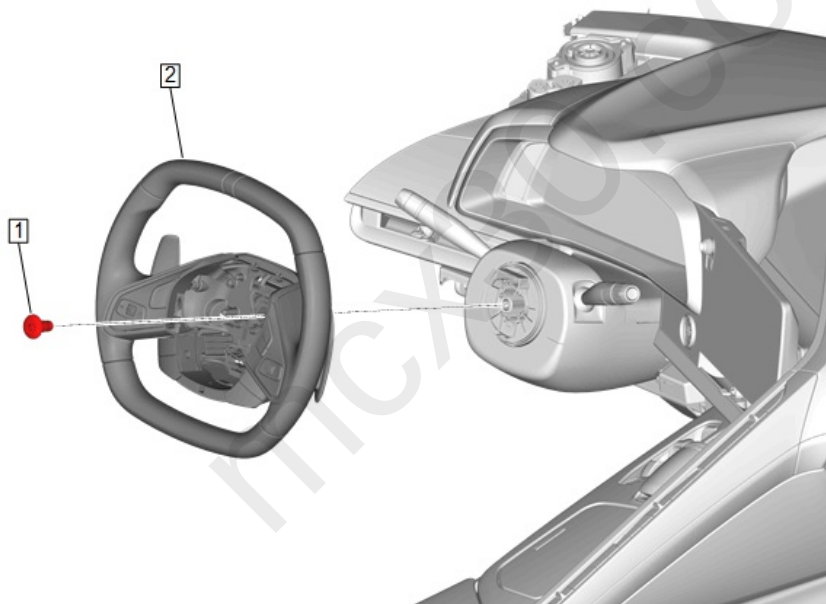
7.

[Click here for full size](#)
8. Instrument Panel Lower Trim Panel Insulator - Left Side (2) >> Remove - Instrument Panel Lower Trim Panel Insulator Replacement - Left Side



9.
[Click here for full size](#)

10. Instrument Panel Knee Bolster (1) >> Remove - Instrument Panel Knee Bolster Replacement



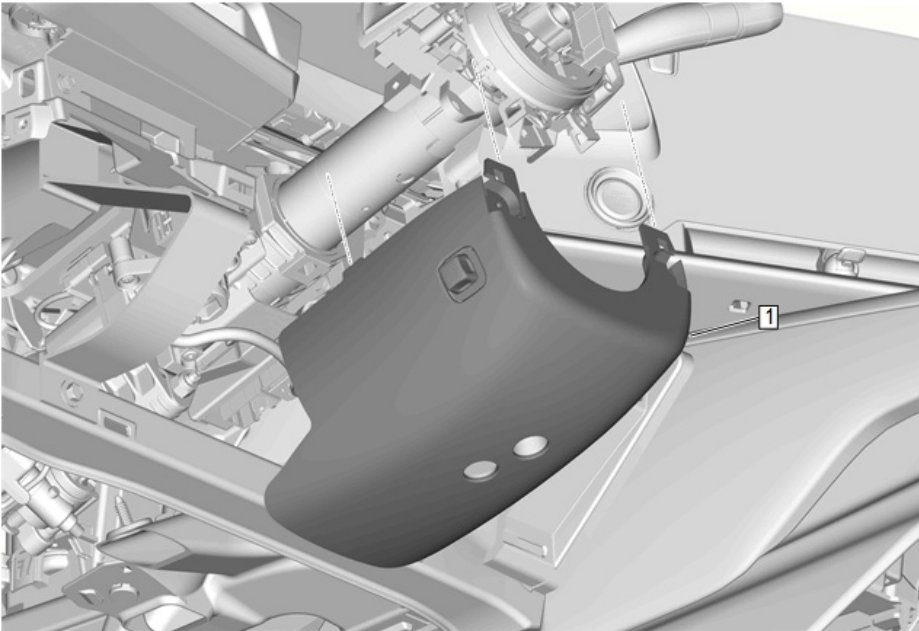
11.
[Click here for full size](#)

12. Caution:

The anti-rotation pin must be installed AFTER removing the steering wheel bolt. Removal torque of the steering wheel bolt may exceed the threshold of the steering column rivets and damage the steering column rivets, which will disable the telescoping mechanism. If the steering column rivets are damaged, a new steering column must be installed.

13. Steering Wheel Bolt (1) >> Remove - Steering Wheel Replacement

14. Steering Wheel (2) >> Remove - Steering Wheel Replacement



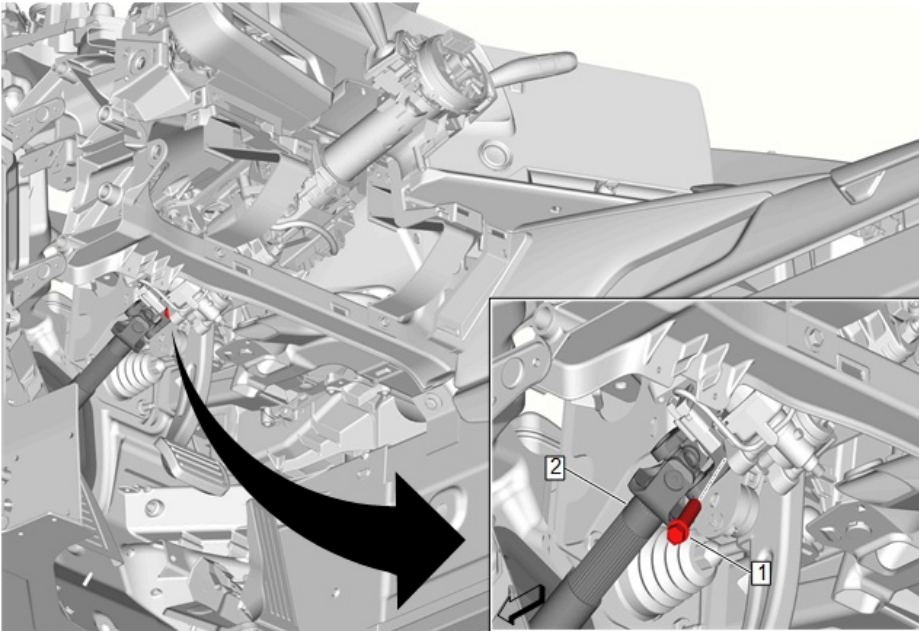
15. [Click here for full size](#)
16. Steering Column Lower Trim Cover >> Remove - Steering Column Lower Trim Cover Replacement
17. Caution:

With wheels of the vehicle facing straight ahead, secure the steering wheel utilizing steering column anti-rotation pin, steering column lock, or a strap to prevent rotation. Locking of the steering column will prevent damage and a possible malfunction of the SIR system. The steering wheel must be secured in position before disconnecting the following components:

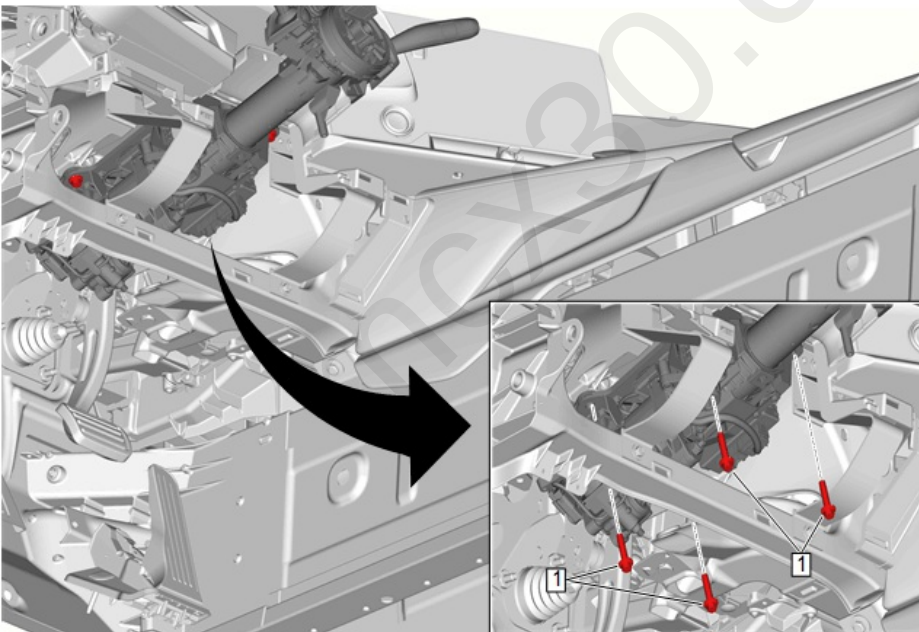
- The steering column
- The intermediate shaft(s)
- The steering gear

After disconnecting these components, do not rotate the steering wheel or move the front tires and wheels. Failure to follow this procedure may cause the SIR coil assembly to become un-centered and cause possible damage to the SIR coil. If you think the SIR coil has become un-centered, refer to your specific SIR coil's centering procedure to re-center SIR Coil.

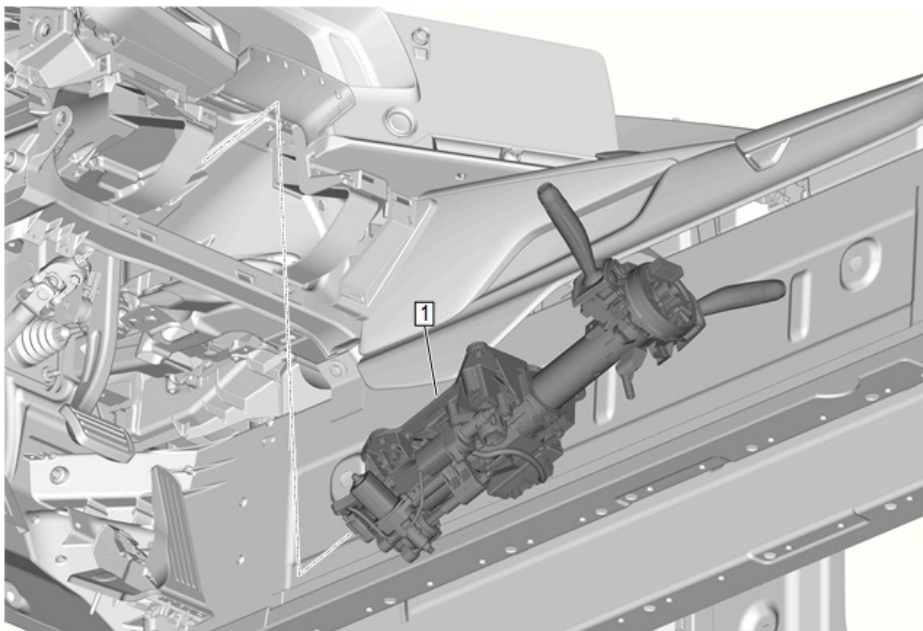
18. Install an appropriate device to prevent the steering column from rotating.
19. Mark the relationship between the steering column and the upper intermediate steering shaft using a grease pencil.



20. [Click here for full size](#)
21. Intermediate Steering Shaft Upper Bolt (1) >> Remove - Intermediate Steering Shaft Replacement
22. Intermediate Steering Shaft (2) @ Steering Column >> Remove - Intermediate Steering Shaft Replacement
23. Disconnect the steering column electrical connectors as necessary.

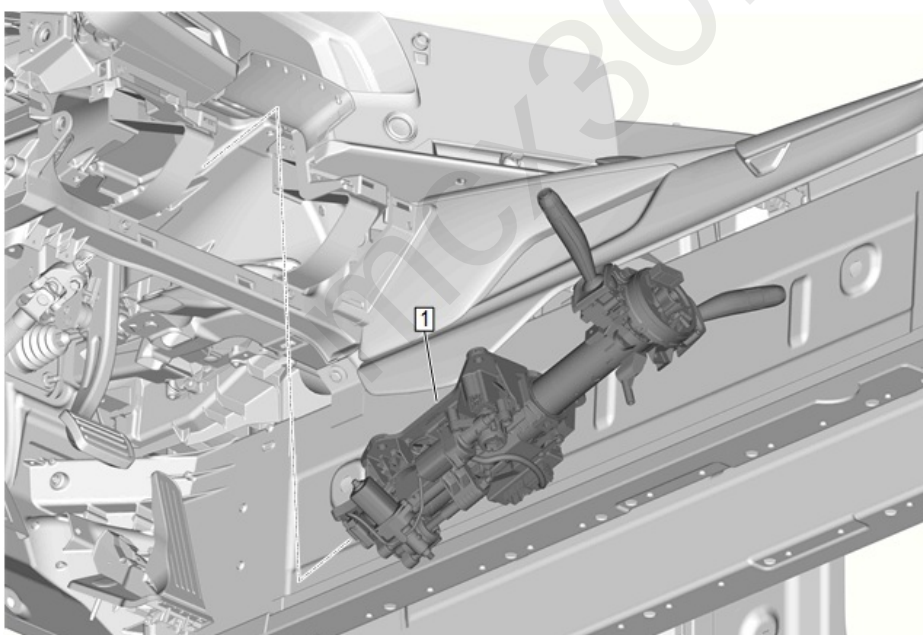


24. [Click here for full size](#)
25. Caution:
Once the steering column is removed from the vehicle, the column is extremely susceptible to damage. Dropping the column assembly on the end could collapse the steering shaft or loosen the plastic injections, which maintain column rigidity. Leaning on the column assembly could cause the jacket to bend or deform. Any of the above damage could impair the columns collapsible design. Do NOT hammer on the end of the shaft, because hammering could loosen the plastic injections, which maintain column rigidity. If you need to remove the steering wheel, refer to the Steering Wheel Replacement procedure in this section.
26. Note:
Support the steering column while removing the steering column bolts.
27. Steering Column Bolt (1) >> Remove [4x]

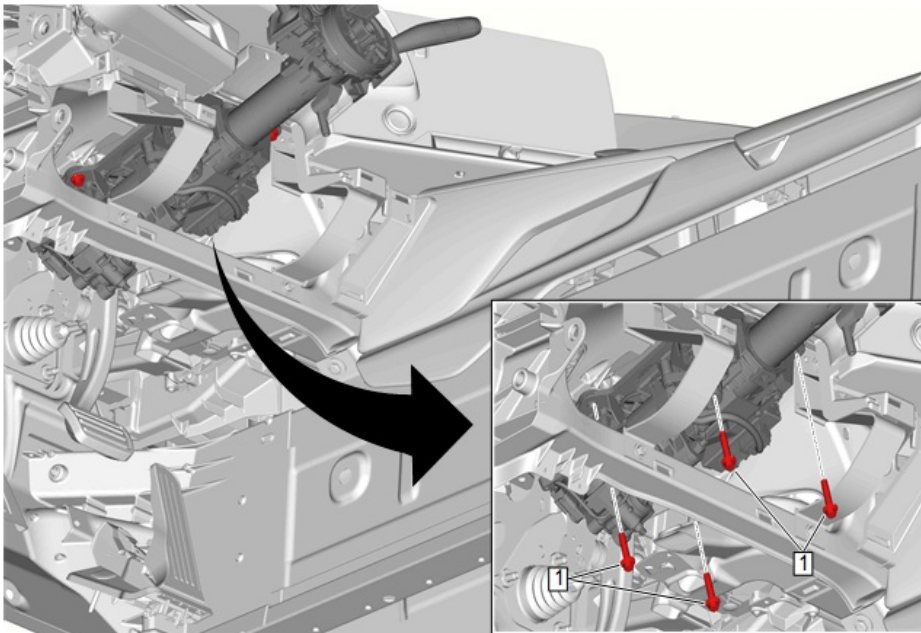


28. [Click here for full size](#)
29. Steering Column (1) >> Remove
30. Transfer components as necessary.
31. If replacing the steering column, copy the match marks from the OLD steering column to the NEW steering column.

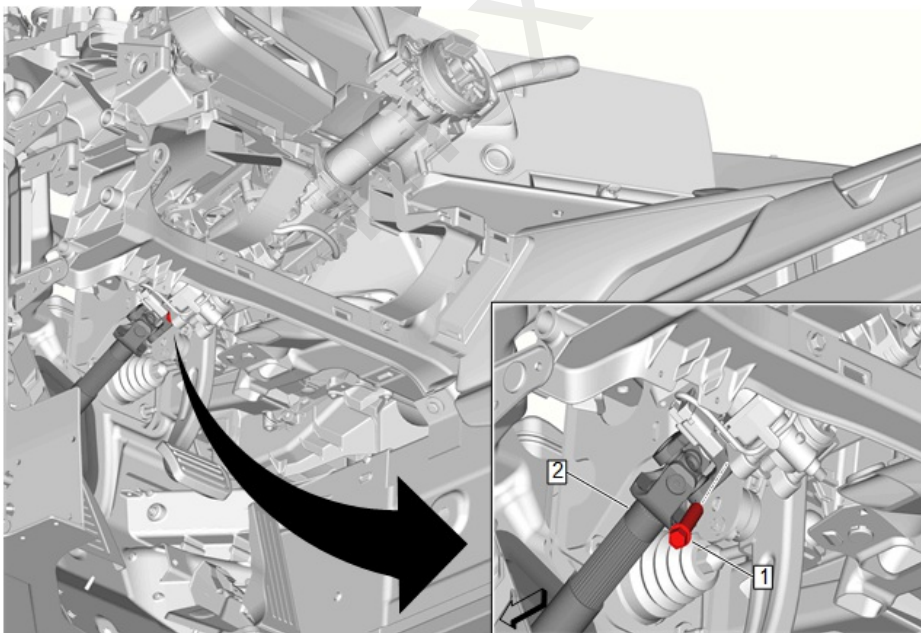
Installation Procedure



1. [Click here for full size](#)
2. Steering Column (1) >> Install



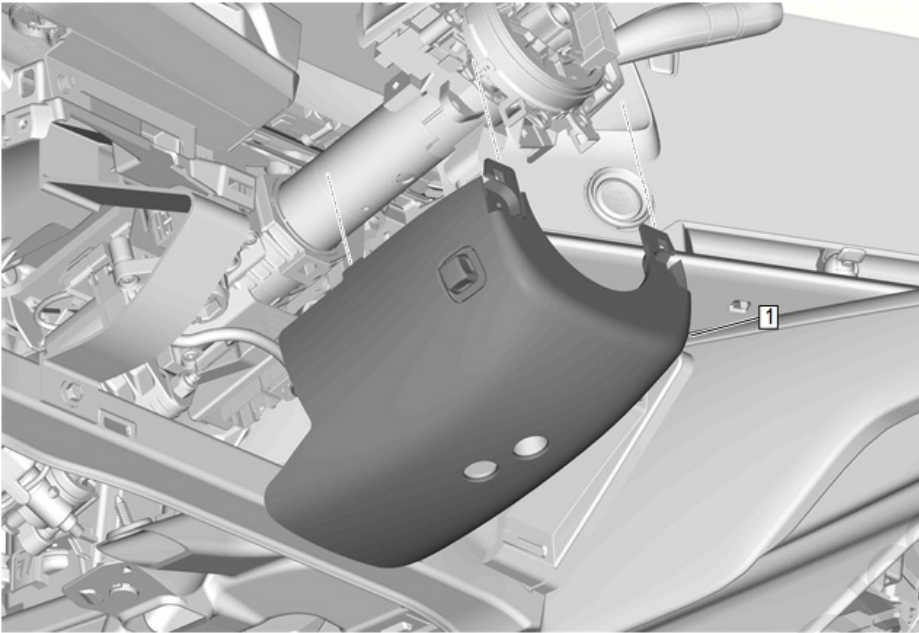
3. [Click here for full size](#)
4. **Caution:**
Refer to Fastener Caution.
5. **Note:**
Support the steering column while installing the steering column bolts.
6. Steering Column Bolt (1) >> Install and tighten [4x]19 N-m (14 lb ft)
7. Connect the steering column electrical connectors.
8. Align the relationship marks made between the steering column and the upper intermediate steering shaft during removal.



9. [Click here for full size](#)
10. Intermediate Steering Shaft (2) @ Steering Column >> Install - Intermediate Steering Shaft Replacement
11. Intermediate Steering Shaft Upper Bolt (1) >> Install and tighten - Intermediate Steering Shaft Replacement
12. **Caution:**

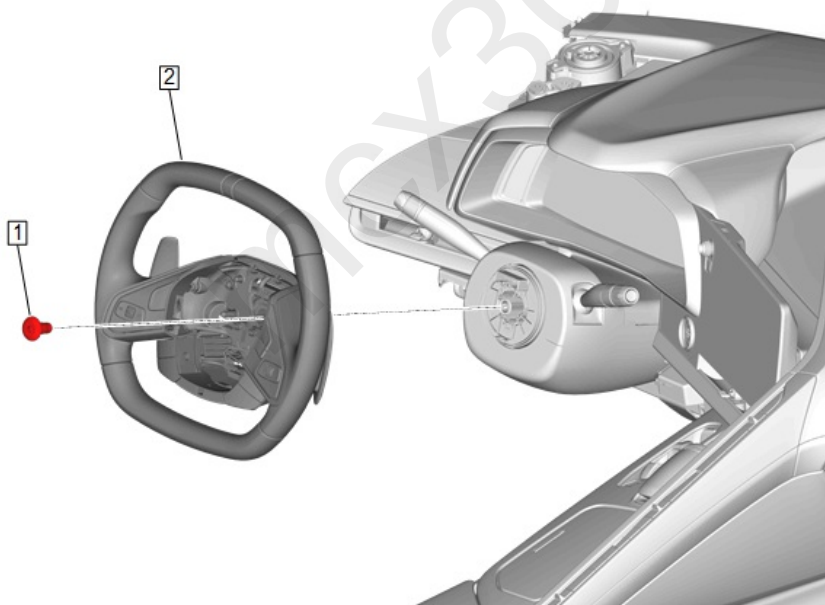
The anti-rotation pin must be removed from the steering column before installing the steering wheel. Ensure that the steering wheel bolt is torqued to specification during steering wheel installation. Over torquing the steering wheel bolt can result in damage to the steering column rivets which will disable the telescoping mechanism. If the steering column rivets are damaged, a new steering column must be installed.

13. Remove the device used to prevent steering column rotation.



14. [Click here for full size](#)

15. [Steering Column Lower Trim Cover >> Install - Steering Column Lower Trim Cover Replacement](#)



16. [Click here for full size](#)

17. [Steering Wheel \(2\) >> Install - Steering Wheel Replacement](#)

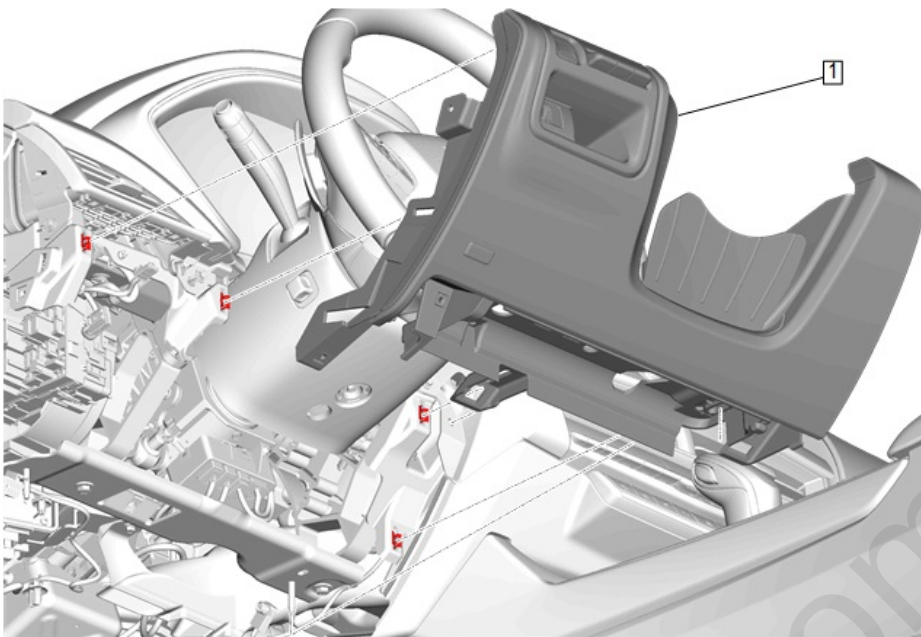
18. [Steering Wheel Bolt \(1\) >> Install and tighten - Steering Wheel Replacement](#)

19. { If equipped } Install the fuse for the steering column lock control module. The fuse is found in the instrument panel fuse block and is labeled ESCL. Electrical Center Identification Views

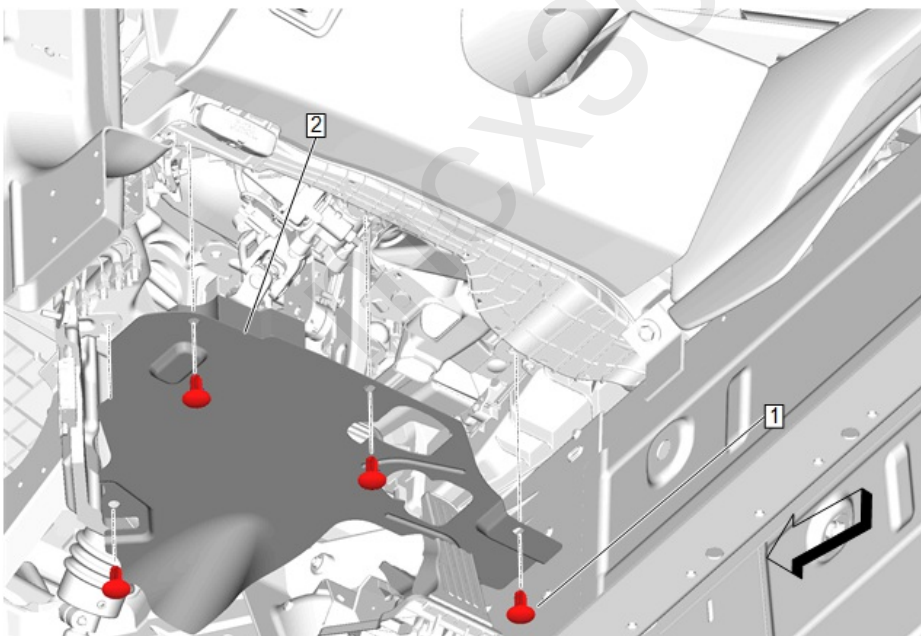
20. [Enable the SIR System. SIR Disabling and Enabling](#)

21. { If equipped } [Program the steering column lock control module. Control Module References](#)

22. Center the steering angle sensor. Steering Wheel Angle Sensor Centering
23. If the battery was disconnected, wait for all modules to fall asleep. This can be done by closing all vehicle closures (doors, trunk, hood) and waiting for three minutes without actuating any vehicle functions or pushing any buttons.
24. Perform functionality check of tilt and telescoping features.



25.
[Click here for full size](#)
26. Instrument Panel Knee Bolster (1) >> Install - Instrument Panel Knee Bolster Replacement



27.
[Click here for full size](#)
28. Instrument Panel Lower Trim Panel Insulator - Left Side (2) >> Install - Instrument Panel Lower Trim Panel Insulator Replacement - Left Side