

2022 CHEVROLET CORVETTE SERVICE MANUAL

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Steering Column Lock Module Programming and Setup

Note:

- DO NOT program a control module unless directed to by a service procedure or a service bulletin. If the control module is not properly configured with the correct calibration software, the control module will not control all of the vehicle features properly.
- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.
- Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. When required, install a battery maintainer or power supply that provides a steady and stable voltage. Do not use a battery charger, as charging voltage will often fluctuate when connected to the vehicle. This may interrupt programming. If a battery maintainer is not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply.
- Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.
- During the programming procedure, follow the SPS prompts for the correct ignition switch position.
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.

Replace and Program Column Lock Control Module

To program a replacement column lock control module, perform the following procedure:

Note:

Before reprogramming, to ensure that the column lock password from the BCM is learned: turn ignition ON and then OFF, close all doors, and wait 5 minutes.

1. Ignition ON.
2. Access the Service Programming System (SPS) and follow the on-screen instructions.
3. If available, on the SPS Supported Controllers screen, select K60 Column Lock Control Module “Prepare Control Module For Removal and follow the on-screen instructions.

4. Note:

The Prepare Control Module for Removal function can only be performed when communication with the old control module is still possible

5. Replace the Column Lock Module. Refer to: Control Module References
6. Ignition ON for 10 seconds, ignition OFF.
7. Close all doors and wait 5 minutes.
8. Ignition ON.
9. On the SPS Supported Controllers screen, select K60 Column Lock Control Module “Programming and follow the on-screen instructions.
10. Clear DTCs.

Reprogram Column Lock Control Module

Note:

Before reprogramming, to ensure that the steering column lock password from the BCM is learned: turn ignition ON and then OFF, close all doors, and wait 5 minutes.

To reprogram an existing column lock control module, perform the following procedure:

1. Ignition ON for 10 seconds, ignition OFF.
2. Close all doors and wait 5 minutes.
3. Ignition ON.
4. Access the Service Programming System (SPS) and follow the on-screen instructions.
5. On the SPS Supported Controllers screen, select K60 Column Lock Control Module “Programming and follow the on-screen instructions.
6. Clear DTCs.

Unsuccessful Programming Recovery

In the event of an interrupted or unsuccessful programming event, perform the following steps:

1. Ignition ON. Ensure the control module, DLC and programming tool connections are secure and the SPS software is up to date.
2. Verify the control module can be reprogrammed.
3.
 - **If the control module cannot be reprogrammed**
4.
 1. Ignition OFF for one minute, ignition ON.
 2. Verify the control module can be reprogrammed.
3.
 - If the control module cannot be reprogrammed, replace the control module.
4.
 - If the control module can be reprogrammed.
5. All OK.
5.
 - **If the control module can be reprogrammed**
6. All OK.

Repair Instructions

Perform the Diagnostic Repair Verification after completing the repair.

Control Module References for control module replacement, programming and setup