



19 Wilbur Street
Lynbrook, NY 11563

Phone No. (516) 766-2223
Fax No. (347) 475-1540

GENERAL MOTORS (GM)

Theft Deterrent System Components Programming

Domestic, Canada, Japan

When an engine control module (ECM) is installed in another vehicle, it will learn the theft deterrent password of that vehicle's remote-control door lock receiver (RCDLR). However, a newly installed RCDLR will require to have the ECM, if equipped, to learn the new RCDLR's password. This can be performed either by a 10-minute or 30-minute process.

10-Minute Procedure

- Used after replacing the RCDLR and/or ECM, if installed in another vehicle.

1. Connect the scan tool to the vehicle.
2. Turn the ignition to the ON position while the engine is OFF.
3. All power consuming devices in the vehicle should be turned OFF. Use the scan tool and select Request Info under the Service Programming System (SPS) option.
4. Follow the on-screen instructions shown in the scan tool.
5. Next step is to disconnect the scan tool from the vehicle. Connect the scan tool to a Techline Terminal with the current Service Programming System software.
6. On the Technical Terminal, select SPS to follow the Techline Terminal on-screen instructions. Ensure the correct programming procedure is followed based on the component being replaced and/or programmed.
(For the ECM password learn, select the Theft Deterrent Learn for ECM in the SPS terminal.)
7. Disconnect the scan tool from the Techline Terminal and then re-connect it to the vehicle.
8. Turn the ignition to the ON position while the engine is off.
9. Using the scan tool, select the PROGRAM ECU option under the SPS.
10. The scan tool must remain connected for the duration of the 10-minute relearn procedure.
Note: The scan tool will initially display 12 minutes. The initial 2 minutes allow the scan tool to initialize the control module that is appropriate. The 10 minutes that remain is the time for the relearn process which, for some vehicles, causes the security light indicator to illuminate.
11. Please observe the scan tool as it will display "Programming Successful" after the approximate 10-minute process. Turn the ignition OFF. The vehicle can now learn the passwords on the next transition from the OFF position to CRANK.
12. Turn the ignition OFF and then wait for 5 seconds.
13. The vehicle can now be started as it has now learned the RDCLR password, Use the scan tool to clear any Diagnostic Trouble Codes (DTCs).



19 Wilbur Street
Lynbrook, NY 11563

Phone No. (516) 766-2223
Fax No. (347) 475-1540

30-Minute Procedure

- Used after replacing the RCDLR and/or ECM, if installed in another vehicle.

Important reminder: This procedure cannot be performed on vehicles that are equipped with export-configures modules.

1. Press the **START** button and observe the security indicator.
2. After the security indicator turns off approximately after 10 minutes, turn the ignition in the OFF position. Wait for 5 seconds.
3. Repeat steps 1-2 twice more for a total of 3 cycles.
4. The vehicle will learn the password on the next transition from OFF position to CRANK. It is important to turn the ignition OFF before attempting to start the vehicle.
5. Start the vehicle. It has now learned the RDCLR password, Use the scan tool to clear any DTCs.

An updated procedure is currently being tested. For any related concerns, please contact our customer service.