

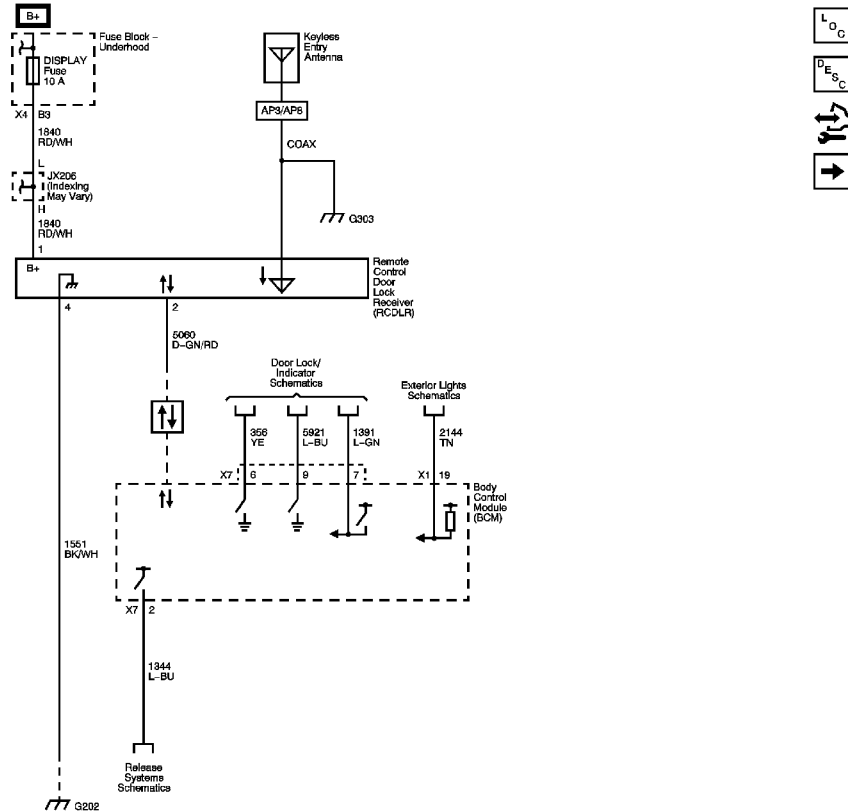
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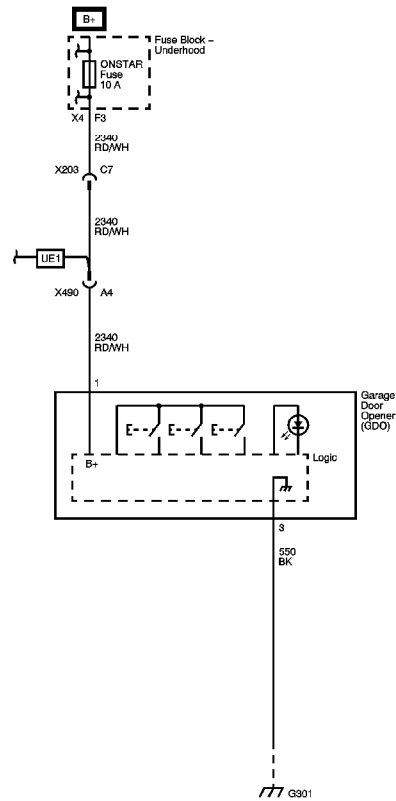
Fastener Tightening Specifications

Application	Specification	
	Metric	English
Garage Door Opener Push-Button Nuts	2 N·m	18 lb in
Garage Door Opener Push-Button Screws	2 N·m	18 lb in

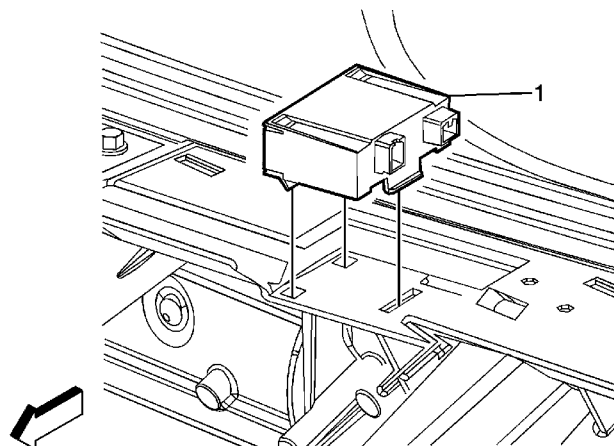
Keyless Entry



Garage Door Opener

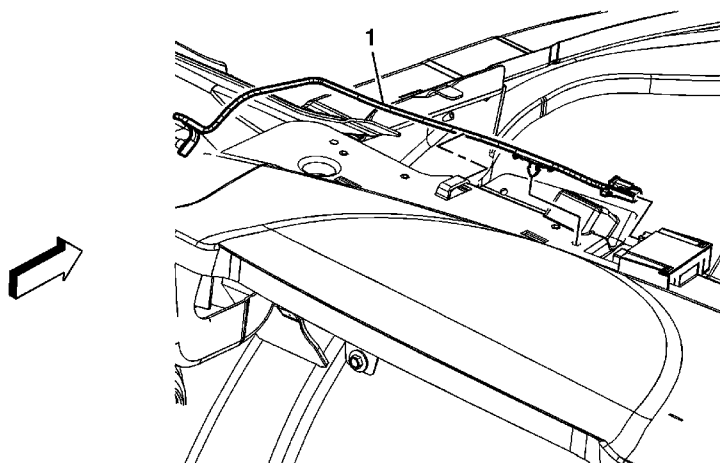
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Remote Control Door Lock Receiver Replacement



Callout	Component Name
Preliminary Procedure	
1. Remove the instrument panel (I/P) upper trim panel. Refer to Instrument Panel Upper Trim Panel Replacement . 2. Program the remote control door lock receiver after replacement. Refer to Control Module References .	
1	Remote Control Door Lock Transmitter Assembly Tip • Disconnect the electrical connector. • Push the 2 tabs towards the module assembly in order to release the module.

Remote Control Door Lock Receiver Antenna Replacement



Callout	Component Name
Preliminary Procedure	
Remove the instrument panel upper trim panel. Refer to Instrument Panel Upper Trim Panel Replacement .	
1	Remote Control Door Lock Receiver Antenna Assembly Tip • Disconnect the antenna from the door lock receiver. • Vehicles produced after December 6, 2006 will not have the antenna cable connected to the windshield. • Service antenna cables cannot be connected to the windshield.

Garage Door Opener Programming - Universal

Important: Do not use the garage door opener (GDO) with any garage door opener that does not have the stop and reverse safety feature. This includes any garage door opener model manufactured before April 1, 1982.

Ensure that people and objects are clear of the garage door while performing programming operations.

Programming the GDO for Rolling Code Receivers

Important: If the programming procedure is unsuccessful, it may be necessary to perform the Erasing Channels procedure first.

This procedure will learn a rolling code garage door opener to the GDO transmitter. The learn process must be completed within 30 seconds.

1. Press the two outside buttons of the GDO for one to two seconds, then immediately release them.
2. Locate the "Learn" or "Smart" button on the garage door opener receiver (located on the garage door opener motor-head unit). It is often found where the hanging antenna wire is attached to the motor-head unit and may be a colored button. Refer to the garage door opener operator's manual or call 1-866-572-2728 for assistance. Press the "Learn" or "Smart" button. The garage door opener operator's manual may provide assistance in determining when the unit is in learn mode.
3. Immediately return to the GDO transmitter in the vehicle. Press and hold the button that is to be learned; the LED above the button will begin to flash slowly. When the garage door moves, immediately release the button. The LED will flash rapidly until programming is complete.
4. Press the button used during the learn operation again in order to verify that the GDO transmitter has been programmed.

The GDO is compatible with most, but not all, types of garage door openers. If the GDO LED does not flash rapidly after 90 seconds, there may be a compatibility conflict with the garage door opener. Call 1-866-572-2728 to address compatibility concerns.

Programming the GDO for Fixed Code Receivers

Important: If the programming procedure is unsuccessful, it may be necessary to perform the Erasing Channels procedure first.

This procedure will learn a fixed code garage door opener to the GDO transmitter. To determine if the customer has a fixed code garage door opener, remove the battery cover on the customer supplied transmitter. If a row of dip switches is present, the garage door opener is a fixed code version. The transmitter should have anywhere from 8 to 12 switches. The garage door opener receiver may also have a set of dip switches. If the number of switches on the receiver and the transmitter do not match, use the receiver switches to program the GDO. Each dip switch may have either two or three positions. The two position switch can either be ON or OFF. The three position switch can either be ON, NEUTRAL, or OFF.

1. Write down the positions of the dip switches. The positions of the switches will be entered from left to right into the GDO using the three buttons.
2. Press all three buttons on the GDO for three seconds and immediately release them. The LEDs should flash slowly, indicating that the GDO is in programming mode.
3. Enter the positions of the dip switches one at a time. If a position of a dip switch is on, press the left button on the GDO. If the position is neutral, press the middle button of the GDO. If the position is off, press the right button of the GDO. Enter all of the positions of the dip switches. The procedure must be completed in two and a half minutes.
4. After entering all of the switch positions, firmly press and release all three buttons at the same time. The indicator lights will turn on.
5. Press and hold the button that is to be learned; the LED above the button will begin to flash slowly. When the garage door moves, immediately release the button. The LED will flash rapidly until programming is complete.
6. Press the button used during the learn operation again in order to verify that the GDO transmitter has been programmed.

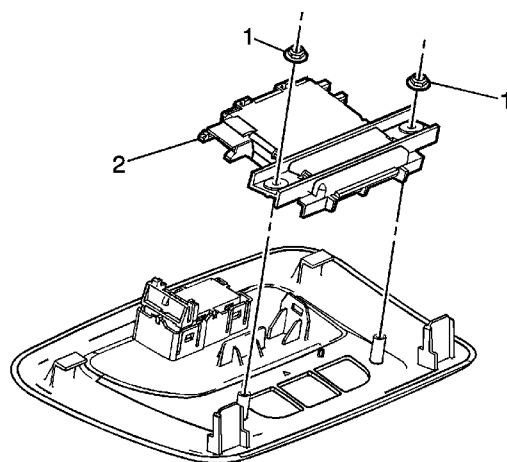
The GDO is compatible with most, but not all, types of garage door openers. If the GDO light does not flash rapidly after 90 seconds, there may be a compatibility conflict with the garage door opener. Call 1-866-572-2728 to address compatibility concerns.

Erasing Channels

To erase programmed channels, press and hold the two outside buttons until the lights on the GDO transmitter begins to flash. Once the LEDs begin to flash, release both buttons; all learned codes are now erased.

Individual channels cannot be erased, but can be reprogrammed using the procedures above.

Garage Door Opener Transmitter Replacement



Callout	Component Name
Preliminary Procedure 1. Remove the overhead console. Refer to Roof Console Replacement . 2. Program the garage door opener after replacement. Refer to Control Module References .	
1	Garage Door Opener Pushbutton Nut Caution: Refer to Fastener Caution in the Preface section. Tighten 2 N·m (18 lb in)
2	Garage Door Opener Pushbutton

Transmitter Programming

Next Available Slot

Note:

- On some vehicles, keyless entry transmitters may also be programmed using the driver information center (DIC). Refer to the vehicle owners manual for information.
- All transmitters which are to be recognized by the remote control door lock receiver (RCDLR) must be programmed in a single programming sequence. Once the Invalidate All Fobs selection is made, all learned transmitters are erased. If all the existing transmitters associated with the vehicle are not learned at this time, they will become inoperative and require additional programming.
- Do not operate or program the transmitters in the vicinity of other vehicles that are in the keyless entry program mode. This prevents the programming of the transmitters to the incorrect vehicle.
- The keyless entry transmitter used in the Advance 2 Way Remote Start System is unique to the system. When servicing or replacing a transmitter, ensure that the correct transmitter is used. The correct transmitter part number can be found in the Accessory section of the parts catalog. Attempting to replace an Advance 2 Way Remote Start transmitter with a regular service part may result in a failure to program the transmitter.

This procedure will program keyless entry transmitters in sequential order. If two transmitters are currently learned to the vehicle as transmitters 1 and 2, using this procedure will learn the next transmitter as transmitter 3, and so on.

1. With a scan tool, access the Remote Control Door Lock Receiver Module Setup menu. Select Program Key Fobs.
2. Select Next Available Slot. The vehicle chime will sound two times to indicate programming mode has been entered. Follow the on-screen instructions. After each transmitter has been programmed, the vehicle chime will sound to confirm the programming.
3. When all the desired transmitters have been programmed, cycle the ignition from ON to OFF, exit the vehicle, and operate the transmitter functions in order to verify correct system operation.

Invalidate All Fobs

Note:

- On some vehicles, keyless entry transmitters may also be programmed using the driver information center (DIC). Refer to the vehicle owners manual for information.
- All transmitters which are to be recognized by the remote control door lock receiver (RCDLR) must be programmed in a single programming sequence. Once the Invalidate All Fobs selection is made, all learned transmitters are erased. If all the existing transmitters associated with the vehicle are not learned at this time, they will become inoperative and require additional programming.
- Do not operate or program the transmitters in the vicinity of other vehicles that are in the keyless entry program mode. This prevents the programming of the transmitters to the incorrect vehicle.
- The keyless entry transmitter used in the Advance 2 Way Remote Start System is unique to

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the system. When servicing or replacing a transmitter, ensure that the correct transmitter is used. The correct transmitter part number can be found in the Accessory section of the parts catalog. Attempting to replace an Advance 2 Way Remote Start transmitter with a regular service part may result in a failure to program the transmitter.

This procedure will first erase all known keyless entry transmitters. After all transmitters are erased, the procedure will begin to program keyless entry transmitters in sequential order, beginning with transmitter 1.

1. With a scan tool, access the Remote Control Door Lock Receiver Module Setup menu. Select Program Key Fobs.
2. Select Invalidate All Fobs. This will erase all learned transmitters and prepare the RCDLR to learn new transmitters. Follow the on-screen instructions. After each transmitter has been programmed, the vehicle chime will sound to confirm the programming.
3. When all the desired transmitters have been programmed, cycle the ignition from ON to OFF, exit the vehicle, and operate the transmitter functions in order to verify correct system operation.

Transmitter Slot Programming

Note: The keyless entry transmitter used in the Advance 2 Way Remote Start System is unique to the system. When servicing or replacing a transmitter, ensure that the correct transmitter is used. The correct transmitter part number can be found in the Accessory section of the parts catalog. Attempting to replace an Advance 2 Way Remote Start transmitter with a regular service part may result in a failure to program the transmitter.

Transmitter slot programming allows a single transmitter to be programmed into a specific slot without affecting any of the other programmed transmitters. By using slot programming, the transmitter originally programmed to a specific slot is erased and the new transmitter learned in its place.

1. Install a scan tool.
2. Turn ON the ignition with the engine OFF.
3. With the scan tool, select Body.
4. Select Remote Control Door Lock Receiver (RCDLR).
5. Select Module Setup.
6. Select Program Key Fobs.
7. Select the key fob desired to be programmed.
8. Follow the scan tool on screen instructions.
9. Remove the scan tool.
10. Exit the vehicle. Operate all functions on transmitters to verify correct system operation.