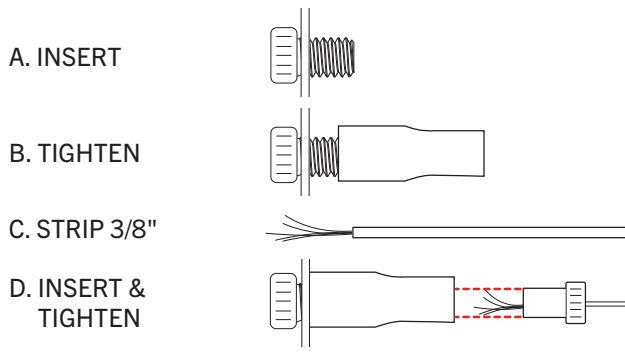


INSTALLATION NOTES

- When working on a vehicle, always roll down a window to avoid being locked out of the car.
- Make all necessary connections (wiring diagram) in the truck BEFORE plugging in the modules.
- Never install the cabin module where it could interfere with normal operation or obstruct service technicians.
- Use caution near airbag wires and connectors as they are not always labeled (i.e. yellow split loom/tubing). Disconnecting an airbag connector with the ignition turned on may cause deployment.
- To avoid breaking the plastic fastenings, be gentle when disassembling the dash and interior panels.
- Use extreme caution if the vehicle was parked outside in very cold weather.
- Ensure the vehicle 12V battery is disconnected while splicing into the vehicle harness. This may include an accessory battery (see your vehicle's owner's manual).

POSI-TAP INSTRUCTIONS



NOTE: Twist for 2 or more wires.

Part Numbers

551 460 (PTA2022)

551 461 (PTA1800M)

551 462 (PTA1618)

551 463 (PTA1218M)

551 464 (PTA1012)

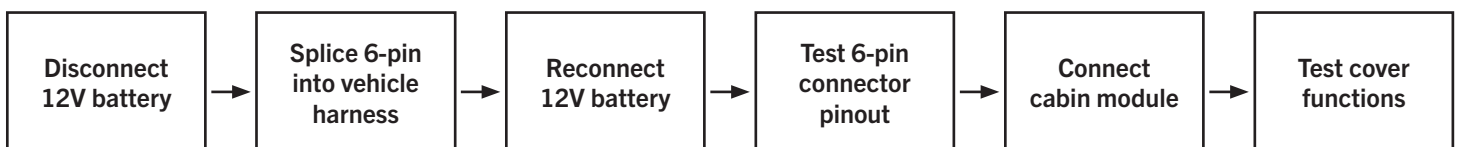


CABIN MODULE 6-PIN CONNECTOR PINOUT

Yellow	–	Ignition
Black	–	Ground
Red	–	12V Power
Green/White	–	Not Connected
Red/Yellow	–	Disarm
Green /Yellow	–	Arm



INSTALLATION SUMMARY The following steps should be followed to ensure the cabin module is connected to the vehicle properly.



Covered Makes and Model Years

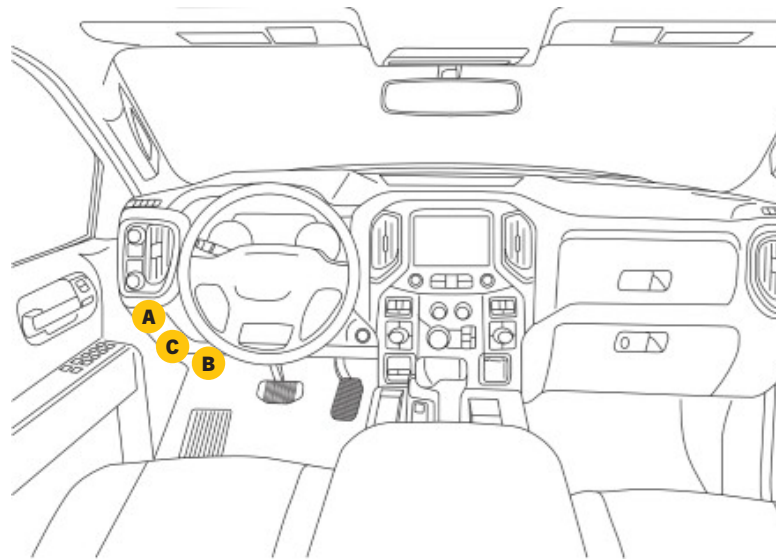
Year	Make / Model	Wire Guide
2019-2021	Chevy Silverado 1500	GM-2
2019-2021	Chevy Silverado 1500 (Smart key)	GM-2
2019-2021	GMC Sierra 1500	GM-2
2019-2021	GMC Sierra 1500 (Smart key)	GM-2
2022	Chevy Silverado 1500 LTD	GM-2
2022	Chevy Silverado 1500 LTD (Smart key)	GM-2
2022	GMC Sierra 1500 Limited	GM-2
2022	GMC Sierra 1500 Limited (Smart key)	GM-2
2019	GMC Sierra 1500 Limited	GM-3
2019	Chevy Silverado 1500 LD	GM-3
2022-2026	GMC Sierra 1500 (Smart key)	GM-4
2024-2026	GMC Sierra 2500/3500 (Smart key)	GM-4

1

Disconnect 12V battery.

GM-2

Wire Splice Instructions (GM-2)



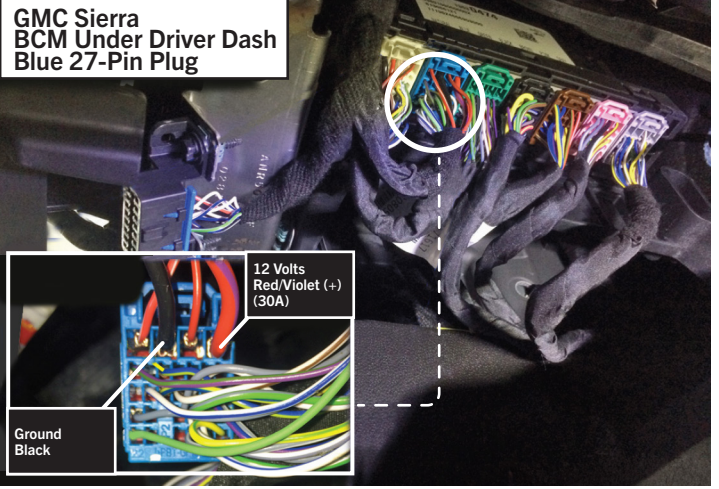
- A** BCM under driver dash - Blue 27-pin connector
- B** BCM under driver dash - Green 25-pin connector
- C** BCM under driver dash - Pink 27-pin connector

2

GM-2

Cabin module ■ red - 12V power
 TO
 Blue 27-pin connector
A BCM under driver dash
 Pin 4 ■ red with violet stripe -12V (30A)

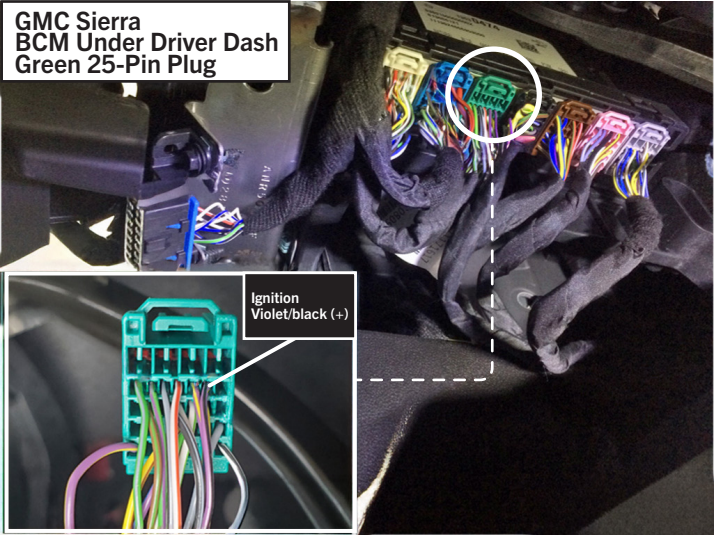
Cabin module ■ black ground
 TO
 Blue 27-pin connector
A BCM under driver dash
 Pin 2 ■ black



3

GM-2

Cabin module ■ yellow - ignition
 TO
 Green 25-pin connector
B BCM under driver dash
 Pin 6 ■ Violet with black stripe -Ignition

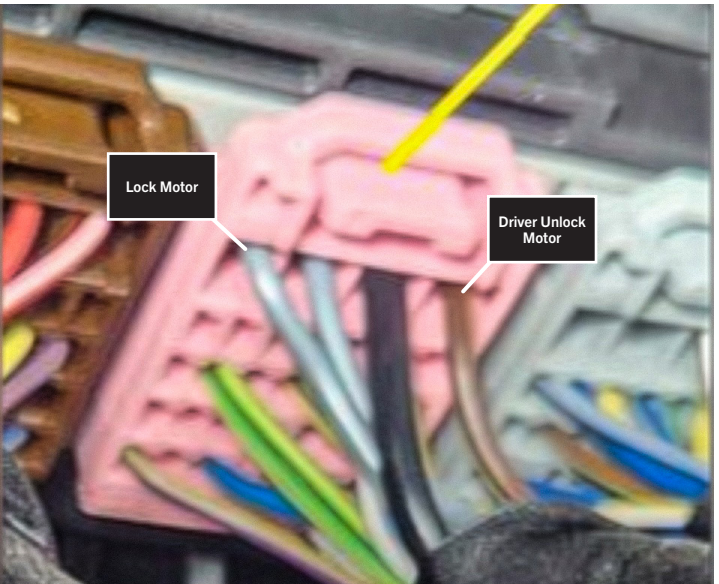


4

GM-2

Cabin module ■ green with yellow stripe - Arm
 TO
 Pink 27-pin connector
C BCM under driver dash
 Pin 1 ■ Gray - Lock

Cabin module ■ red with yellow stripe - Disarm
 TO
 Pink 27-pin connector
C BCM under driver dash
 Pin 4 ■ Brown with yellow stripe - Unlock



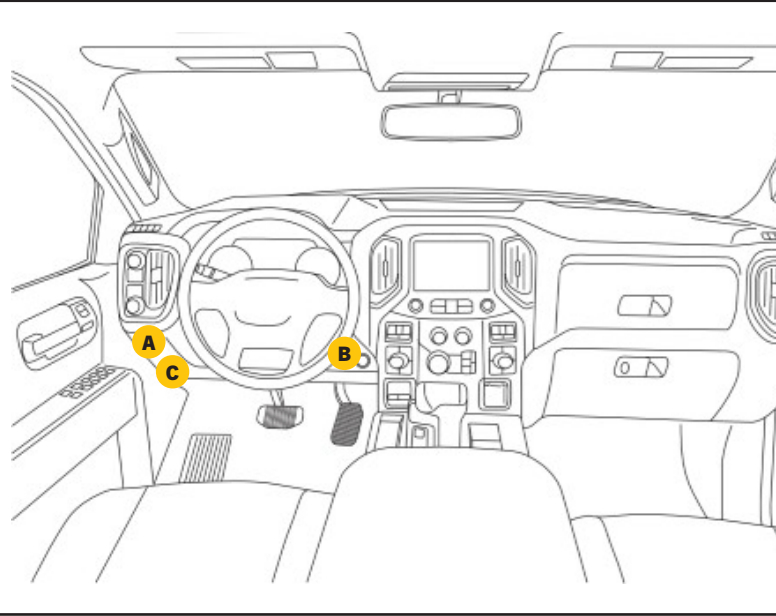
5

GM-2

Reconnect 12V battery. Continue on page 8.

1

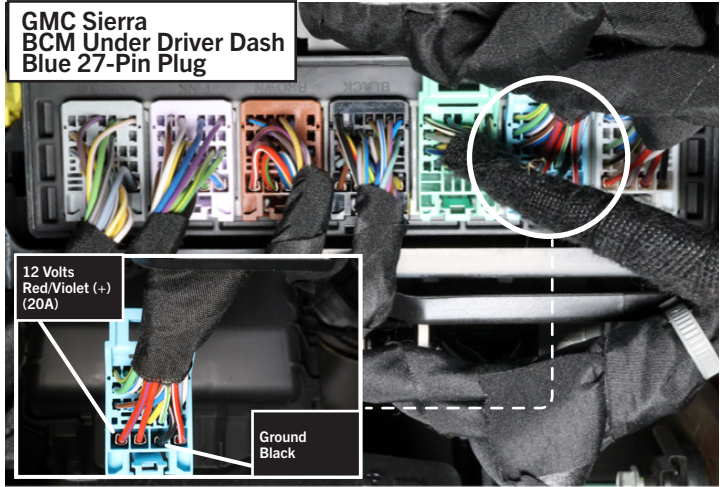
Disconnect 12V battery.

GM-3**Wire Splice Instructions (GM-3)**

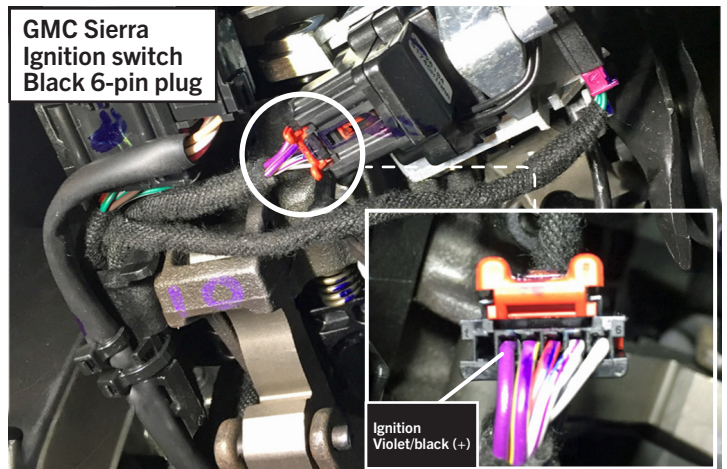
- A** BCM under driver dash - Blue 27-pin connector
- B** Ignition switch driver dash - Black 6-pin connector
- C** BCM under driver dash - Pink 27-pin connector

2**GM-3**

- Cabin module ■ red - 12V power
TO
Blue 27-pin connector
A BCM under driver dash
Pin 4 ■ red with violet stripe -12V (20A)
- Cabin module ■ black ground
TO
Blue 27-pin connector
A BCM under driver dash
Pin 2 ■ black

**3****GM-3**

- Cabin module ■ yellow - ignition
TO
Black 6-pin connector
B Ignition switch driver dash
Pin 2 ■ Violet with black stripe -Ignition



4


GM-3


Cabin module  green with yellow stripe - Arm

TO

Pink 27-pin connector

 BCM under driver dash

Pin 4  brown with yellow stripe -Lock

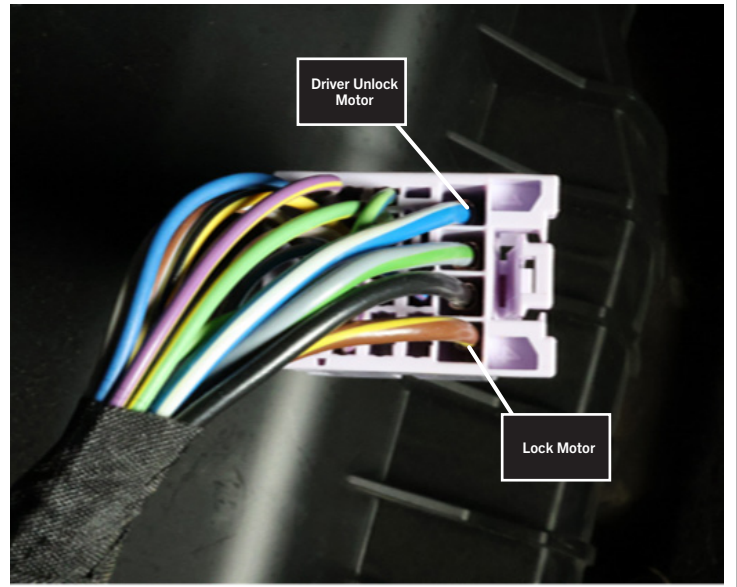
Cabin module  red with yellow stripe - Disarm

TO

Pink 27-pin connector

 BCM under driver dash

Pin 1  Blue/white - Unlock



5

GM-3

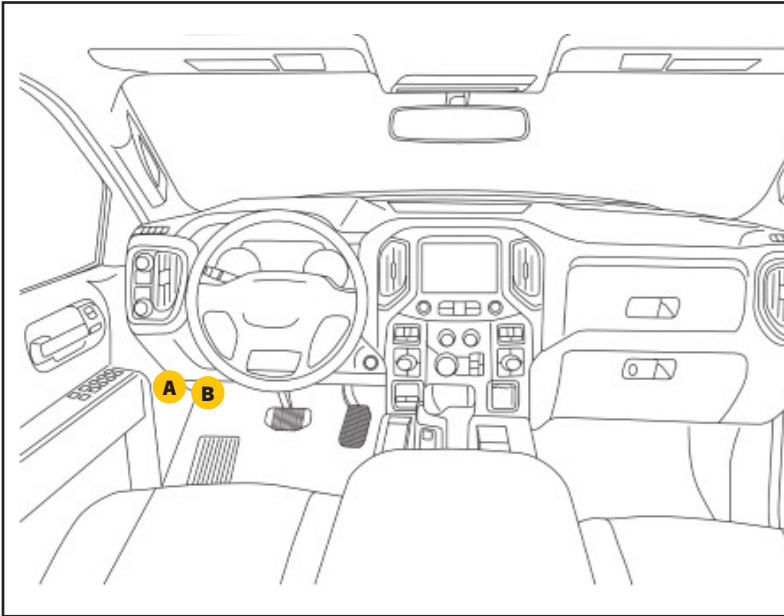
Reconnect 12V battery. Continue on page 8.

1

Disconnect 12V battery.

GM-4

Wire Splice Instructions (GM-4)



A BCM above driver kick - Lt. gray 25-pin connector

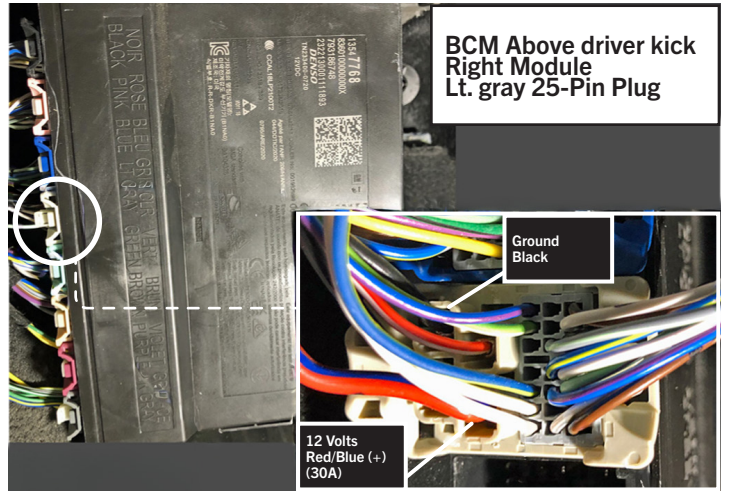
B BCM above driver kick - Green 29-pin connector

2

GM-4

Cabin module ■ red - 12V power
TO
 Lt. gray 25-pin connector
A BCM above driver kick
 Pin 23 ■ red with blue stripe -12V (30A)

Cabin module ■ black ground
TO
 Lt. gray 25-pin connector
A BCM above driver kick
 Pin 25 ■ black

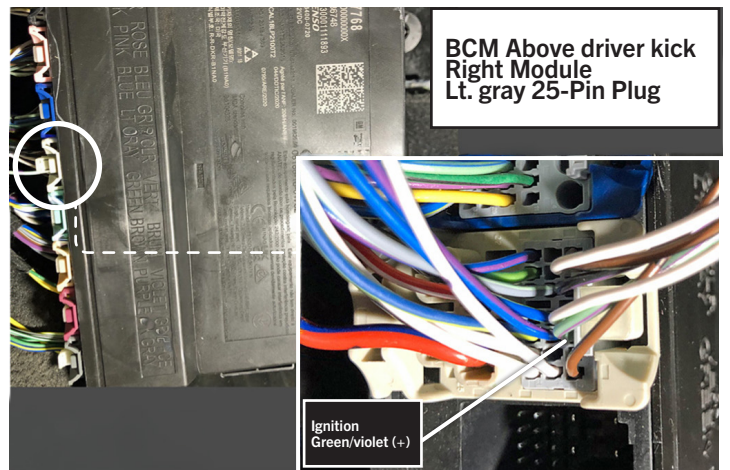


BCM Above driver kick
Right Module
Lt. gray 25-Pin Plug

3

GM-4


Cabin module ■ yellow - ignition
TO
 Lt. gray 25-pin connector
B BCM above driver kick
 Pin 5 ■ Green with violet stripe -Ignition



BCM Above driver kick
Right Module
Lt. gray 25-Pin Plug

4


GM-4


Cabin module  green with yellow stripe - Arm

TO

Green 29-pin connector

B BCM above driver kick

Pin 4  White -Lock

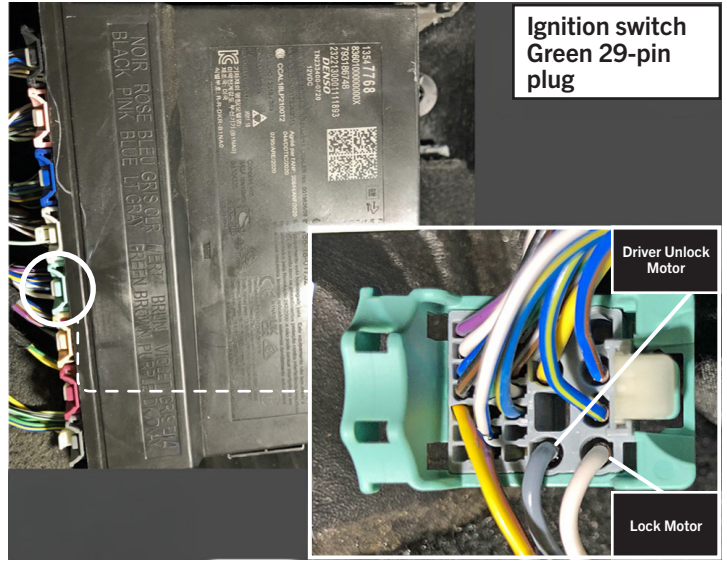
Cabin module  red with yellow stripe - Disarm

TO

Green 29-pin connector

B BCM above driver kick

Pin 8  Gray - Unlock



5

GM-4

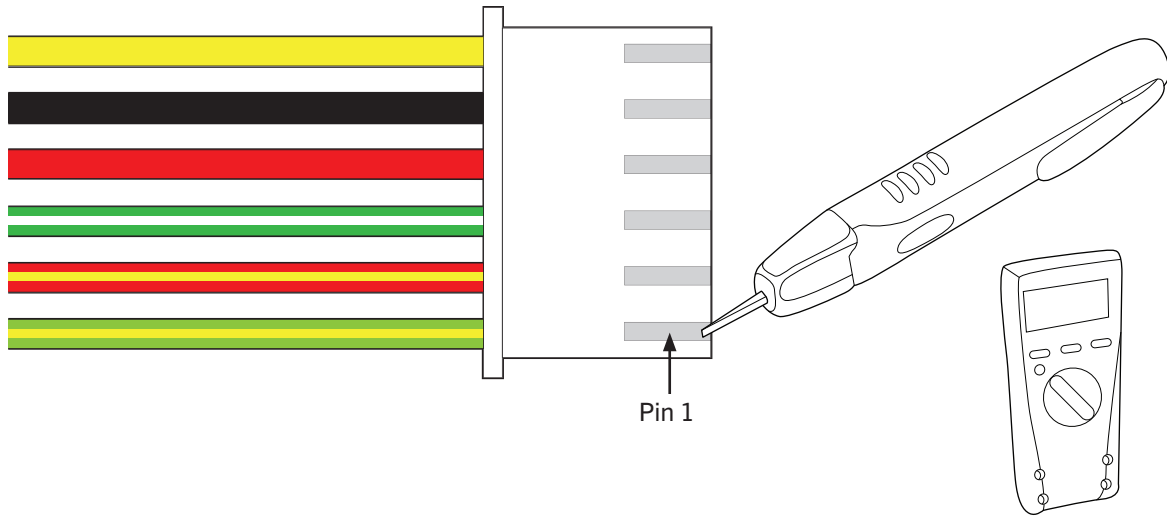
Reconnect 12V battery. Continue on page 8.

Test 6-pin Connector Pinout

6

Use a test light and multimeter to check the connections.

GM-2
GM-4



Test 6-pin Connector Pinout

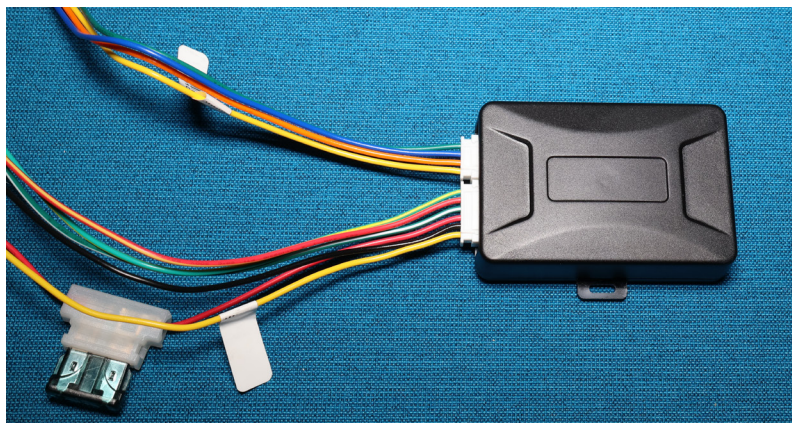
Yellow (Ignition)	Check that when the vehicle is OFF, the test light is OFF. Check that when the vehicle ignition is on or engine is running, the test light is ON.
Black ground	Check the resistance to chassis ground, the resistance should be less than 5.0hm
Red (12V power)	Check that the test light is ON.
Red/yellow (disarm)	Check that when the Unlock button on the FOB is pressed, the test light flashes ON then OFF.
Green/yellow (arm)	Check that when the Lock button on the FOB is pressed the Test light flashes ON then OFF.

Connect the Cabin Module

7

Connect the Cabin Module 6-pin connector that goes to the vehicle harness. Connect the Cabin Module 4-pin connector that goes to the Cover Module.

GM-2
GM-4



Test the Cover Functions

8

Connect the Cabin Module 6-pin connector that goes to the vehicle harness. Connect the Cabin Module 4-pin connector that goes to the Cover Module.

GM-2
GM-4

- a. With the tailgate open, disengage the cover from the cables and move to the full open position.
- b. Unlock the vehicle with the FOB (one press).
- c. Press the close button on the rail switch (cables will move to the end of the rail).
- d. Re-engage the cover with the cables at the full closed position.
- e. Press the open button on the rail switch. Cover should move to the open position slowly.
- f. Close the tailgate.
- g. Press the close button on the rail switch. Cover should move to the close position at normal speed.
- h. Press the unlock button on the FOB 3x. Cover should move to the open position at normal speed.
- i. Press the lock button on the FOB 3x. Cover should move to the close position at normal speed.
- j. START the engine.
- k. Press the unlock button on the FOB 3x. Cover should not move.
- l. Turn OFF the engine.
- m. Press the unlock button on the FOB 3x. Cover should move to the open position at normal speed.