

## INSTALLATION INSTRUCTIONS

### PRODUCT: ALL LIGHTS ON™

FPE-2020-1  
Revised May, 2024  
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#### INSTRUCTIONS FOR THE FOLLOWING GENERAL MOTORS VEHICLES:

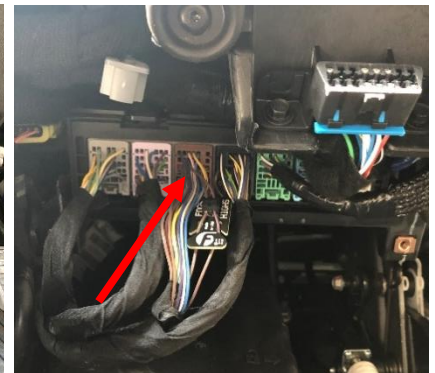
Model	Year Range
Silverado/Sierra 1500	2014-2023
Silverado/Sierra 2500HD/3500HD	2015-2023
Tahoe/Suburban and Yukon/Yukon XL	2015-2020
Equinox	2010-2017
Terrain	2010-2016



**ESTIMATED INSTALLATION TIME:** 5-10 minutes

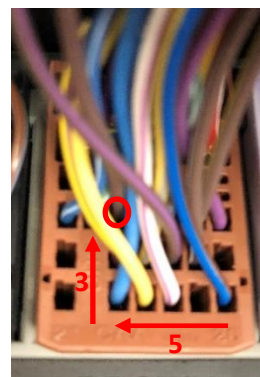
**TOOLS REQUIRED:** Knife, pliers

**STEP 1:** Locate the Body Control Module (BCM) located just under the dash on the driver's side of the vehicle. The BCM will have 7 connectors, each a different color. You will be removing the brown connector.



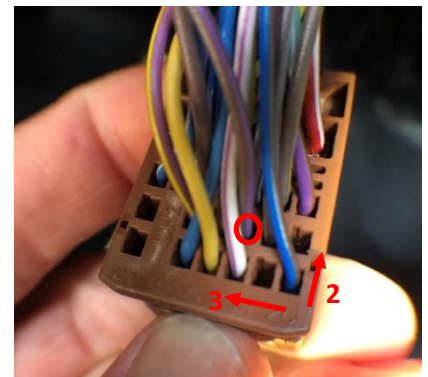
**STEP 2:** Disconnect the brown connector from the BCM. Remove any tape or wrap to expose enough of the wires to install the All Lights On™ module (3-4 inches).

**STEP 3:** Locate pin 10 (fog lamp control). The wire is *brown, tan, or green with a white stripe*. From the bottom right side of the connector, count over 5 pins and up 3 pins to locate the wire. Route this wire through the circuit board and connection labeled "fogs".



Pin 10, Fog Light Signal

**STEP 4:** Locate Pin 18 (high beam control). The wire is *brown or tan with a purple stripe*. From the bottom right side of the connector, count over 3 pins and up 2 pins to locate the wire. Route this wire through the circuit board and connection labeled "highs".



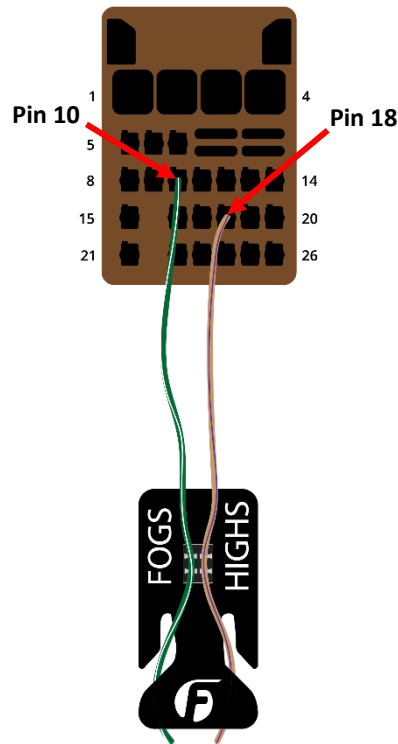
Pin 18, High Beam Signal

STEP 5: Position the cover over the wires and squeeze it downward with a pair of pliers to force the wires into the insulation displacement prongs. Install the brown connector back into the BCM.

*NOTE: The connector cover is a one-time use part. Double check the pin locations before installing the cover, it cannot be removed and re-used.*

Operation: Low beams and fog lights will operate normally, when high beams are activated, the fog lamps and low beams will remain on.

NOTE: For dual filament bulbs - only your fog lamps will remain activated when the high beams are turned on with the All Lights On™ module.



## TROUBLESHOOTING

If you experience any problems with the operation of the All Lights On:

1. Verify that the proper pins have been selected on the proper connector of the Body Control Module or Lighting Control Module. Recount pin locations as identified in steps 3 and 4. DO NOT go by wire color, as this can vary across models and applications.
2. Confirm you have properly seated the connector cover with a pair of pliers. The insulation displacement type connector that is utilized must pierce the wire sheathing and make contact with the copper wire. If the wire sheathing is not properly pierced, a connection cannot be made.
3. Test operation with the engine running and high beams enabled. Not all models of vehicles will provide power to the fog lamps in the accessory position.