

INSTALLATION INSTRUCTIONS

PRODUCT: ALL LIGHTS ON™

FPE-2020-2
Revised April, 2024
Page 1 of 2

INSTRUCTIONS FOR THE FOLLOWING GENERAL MOTORS VEHICLES:

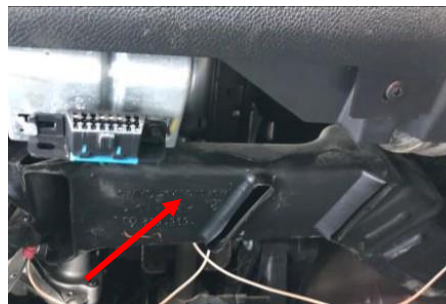
MODEL	YEAR RANGE
Silverado/Sierra 1500	2007.5-2013
Silverado/Sierra 2500HD/3500HD	2007.5-2014
Tahoe/Yukon and Suburban/Yukon XL	2007-2014
Escalade	2007-2014
Avalanche	2007-2013



ESTIMATED INSTALLATION TIME: 5-10 minutes

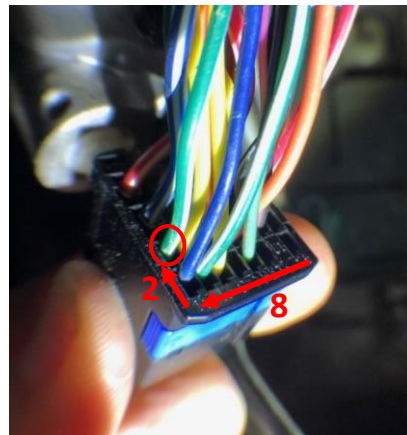
TOOLS REQUIRED: Knife, Pliers

STEP 1: Locate the Body Control Module (BCM) located just under the dash on the driver's side of the vehicle. It will be necessary to remove the plastic vent to easily access the BCM. The BCM will have 7 connectors of various colors. You will be removing the BLACK connector.



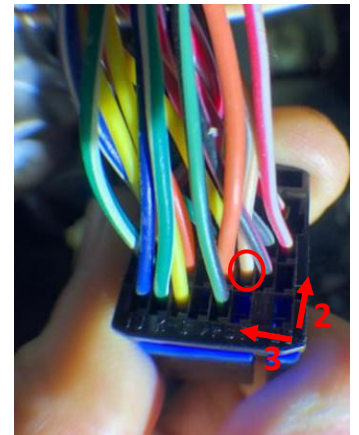
STEP 2: Disconnect the black connector from the BCM. Remove any tape or wrap to expose enough of the wires to install the All Lights On™ module (3-4" of material).

STEP 3: Locate pin 11 (fog lamp control). The wire is green with a white stripe. From the bottom right side of the connector, count over 8 pins and up 2 pins to locate the wire. It will be all the way on the left side of the connector. Route this wire through the circuit board and connection labeled "fogs".



Pin 11: Fog Light Signal

STEP 4: Locate Pin 16 (high beam control). The wire is brown or tan with a white 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 16: High Beam Signal

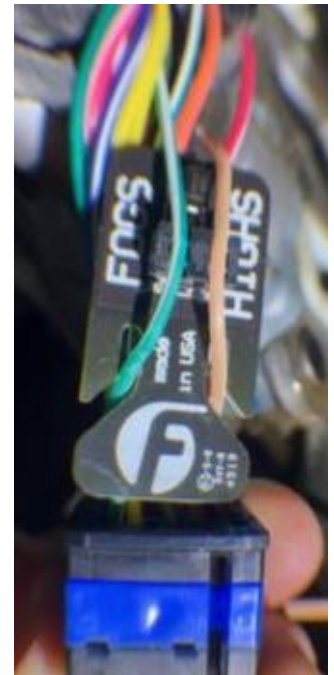
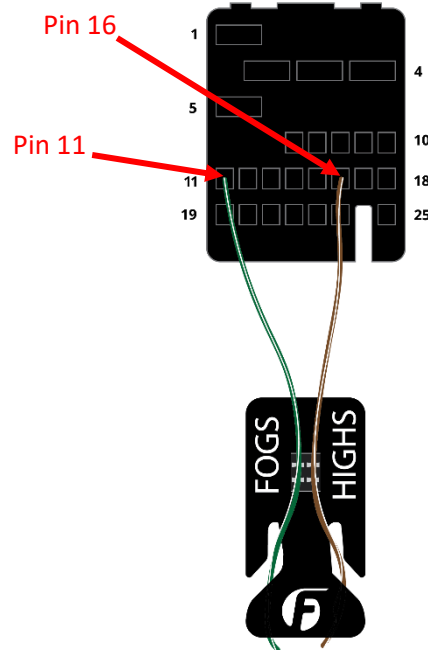
STEP 5: Ensure that the wires are centered in the connector on the module.

STEP 6: Place the cover over the wires. Using pliers, squeeze on the cover to fully seat it.

NOTE: The connector cover is a one-time use part and cannot be removed once installed. Failure to properly seat the wire cover can prevent the module from working properly.

STEP 7: Reinstall the black connector back into the BCM. Install the plastic vent.

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



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 4 and 5. 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.