**Subject**
Installation of Upfitter (AUX) Switches (9L7) components

**Model Years Affected**
2019 and Beyond

**Models Affected**
Chevrolet Silverado (New Body Style only)
GMC Sierra (New Body Style only)

**Origination Date**
6/10/2019

**Revision Date**
April 12, 2021

**ADVISORY:**

**Condition/Concern:**
Beginning with the 2019 New Body Light Duty Full Size Pickup Trucks, the Upfitter (AUX) Switch option (9L7) will require, depending on model, some or all components will need to be installed to make the feature fully functional.

The 9L7 upfitter (AUX) switch components consist of the following:

- Knee Bolster
- Switch Bank
- Fuse Kit
- Fasteners (2)
- Aux Fuse Block
- Under Hood Wiring harness
- Retainers

**Light Duty models (1500)**
These models will require all the listed components to be installed. The components are shipped in various locations within the cab of the truck.

**Heavy Duty Models (2500/3500)**
These models are currently being manufactured with the switches and appropriate knee bolster yet require remaining components in the list to be installed.

**Service Parts Retrofit Kits**
The retrofit kits, like the light duty models, will require all components to be installed. The kit part numbers and the list of components within each kit are noted below. The kits are unique as to the interior trim color and to whether the vehicle has a keyed or push to start (BTM) ignition system.
Kit Usage:

- 84942071 for use with Jet Black interior and keyed ignition (-BTM)
- 84942072 for use with Very Dark Atmosphere Interior and keyed ignition (-BTM)
- 84942073 for use with Jet Black interior and with push button ignition (+BTM)
- 84942074 for use with Very Dark Atmosphere interior and with push button ignition (+BTM)

Kit Components:

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<tr>
<th>Kit #</th>
<th>84942071</th>
<th>84942072</th>
<th>84942073</th>
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<td>Switch Bank</td>
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<td>Fuse Kit</td>
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<td>Fasteners</td>
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<td>Aux Fuse Block</td>
<td>84645397</td>
<td>84645397</td>
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<tr>
<td>Under Hood Wiring harness</td>
<td>84794790</td>
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<td>Retainers</td>
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<td>11589290</td>
<td>11589290</td>
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**NOTICE:**
Installation of the Upfitter (AUX) Switches and supporting components are NOT a GM Warranty or PDI covered labor cost. The installation of the switches/components are intended to be performed by the upfitter as a part of the overall vehicle upfit and the labor cost associated with that installation be covered in the upfitter’s estimate to its customer. Installation, when performed by a GM dealer, the labor charges associated with that install are the responsibility of the customer/vehicle purchaser.
**Repair/Recommendation:**
To install the Aux switches, the knee bolster may require replacement or may simply need to have a few fasteners removed (if switches are installed during vehicle assembly refer to the vehicle model sections below for details). **NOTE:** Prior to reinstalling the replacement Knee Bolster (if applicable) follow the instructions in bulletin.

**Light Duty(1500)/Service Parts Kit**
For these vehicle installations the first step is to remove the knee bolster trim panel using the combined service information procedures outlined in the link below, do NOT install the new knee bolster until after performing the steps below.

**Instrument Panel Knee Bolster Replacement**
While the knee bolster is removed, the Instrument Panel Auxiliary Fuse Block should be mounted, the connector for the switch bank assembly routed and secured, the gray connector to the IP harness connected, the power cable from the battery ran and secured (not yet connected to the battery) and lastly the fuse kit installed in the Battery Fuse Block. The installation of these components is outline in the steps/sections below.

**Electrical Center mounting/connections:**
1. Mount the IP Aux. Fuse block using the 2 screws in the locations circled in RED as shown in figure 3
Connect the 14-pin connector Aux Fuse Block to the connector shown in figure 4 (note vehicle is shipped from the assembly plant with a blank connector in place to protect the terminals in the IP Harness. Remove this prior to connecting the connector from the fuse block.

![Figure 4](image)

2. Route the 16-pin switch bank connector through the opening in the Instrument Panel as shown in figure 5.

![Figure 5](image)

**Power Cable installation/routing:**

3. Remove the 4 (circled in red) retaining push pins (only) for the Air Inlet Grill as shown in figure 6.

4. Secure the power cable using the new supplied push pins by inserting the push pin through the eyelets on the power cable and into the securing locations for the air inlet grill that were previously removed. The power cable end with ring terminal should be routed (but not yet connected) to the Battery Distribution Unit (BDU) (the fuse block mount to the top of the primary battery).

5. Route the power cable into the cabin as shown in figure 7 (note do not install wire terminal into connector body until after the cable is routed into the cabin.}

![General Motors Upfitter Integration](http://www.gmupfitter.com)

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6. Insert terminal on the power cable into the supplied connector body and connect the connector to the Aux. Fuse block.
7. Secure any loose wires under the IP/Steering Column area with nylon wire ties to prevent squeaks/rattle and harness rubbing/chaffing conditions.

Install switches installed into the new knee bolster trim in the provided cut-out. Connect the switch connector/harness and any other electrical connections – Installed knee bolster and reassemble the removed components per the GM service procedure used to remove the knee bolster.

Instrument Panel Knee Bolster Replacement
Adding Fuse Kit:

1. Once all “kit” components have been installed, the Aux Fuse Block can now be powered, for detailed instructions on adding the fuses to the battery mounted electrical center refer to the latest revision of UI Bulletin #147. ([http://www.gmupfitter.com/pages/technical-bulletins](http://www.gmupfitter.com/pages/technical-bulletins))

2. Following the installation of the fuse kit to the battery mounted electrical center, connect the power cable ring terminal to the 60-amp fuse output side stud.
Upfitter Provisions - 1 of 2 (9L7)

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Upfitter Provisions - 2 of 2 (9L7)
X260 Auxiliary Instrument Panel Harness to Instrument Panel Harness

Connector Part Information

- Harness Type: Auxiliary Instrument Panel
- OEM Connector: 10847017
- Service Connector: 13513605
- Description: 14-Way F 1.5, 2.8 Series (L-GY)

Connector Part Information

- Harness Type: Instrument Panel
- OEM Connector: 10846900
- Service Connector: 88956523
- Description: 14-Way M 1.5, 2.8 Series (L-GY)

Terminal Part Information

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<th>Terminal Removal Tool</th>
<th>Service Terminal</th>
<th>Tray Name</th>
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### X260 Auxiliary Instrument Panel Harness to Instrument Panel Harness

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<th>Size</th>
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<th>Circuit</th>
<th>Terminal Type ID</th>
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<td>3</td>
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<td>LED Backlight Dimming Control</td>
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<td>47</td>
<td>IV</td>
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</tr>
</tbody>
</table>

### Additional Information:
The upfitter switches are defaulted to being battery powered, but can be reconfigured in pairs to operate only when in accessory/ignition ON by relocating one or two fuses as shown below.
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