General Motors
Upfitter Integration

UI Bulletin #196b

Subject:	Adding Upfitter Switches (9L7)
Models Years Affected:	2024
Models Affected:	Chevrolet BrightDrop 400/600 Electric Van
Origination Date:	September 24, 2023
Revision Date:	September 11, 2024

ADVISORY:

Condition/Concern:

Some Customers or Upfitters have inquired on how to add Upfitter Switch (9L7) option to a BrightDrop 400/600 electric van. MY24 and beyond will have two fused power feeds for upfitter use. RPO 9L7 will provide the following:

- **Two fused, relay-controlled output circuits (30a and 10a).** The default factory wiring provides for continuous power if the control switch is 'ON.' [Power does not go 'OFF' with key 'OFF.'] Upfitter equipment loads can be directly attached to these wires. Equipment ground wires are not provided.
- **Two user utilized relay control circuits –** Customer/Upfitter to provide V+ input for relay activation. Switches are not included. The ignition or RUN circuit could be utilized for the activation power for these relays the upfitter/customer may want active only when in RUN.
- **One 10 amp fused Ignition (Run Mode) Circuit.**
- Easy in-cab access to the Blunt cut wires [located near the Park Brake].
- The power source for the Two fused relay-controlled output circuits is from the 12v Battery. This arrangement protects from the dangers of the High Volt system.
- An additional schematic shows how to accomplish an ignition switched arrangement.

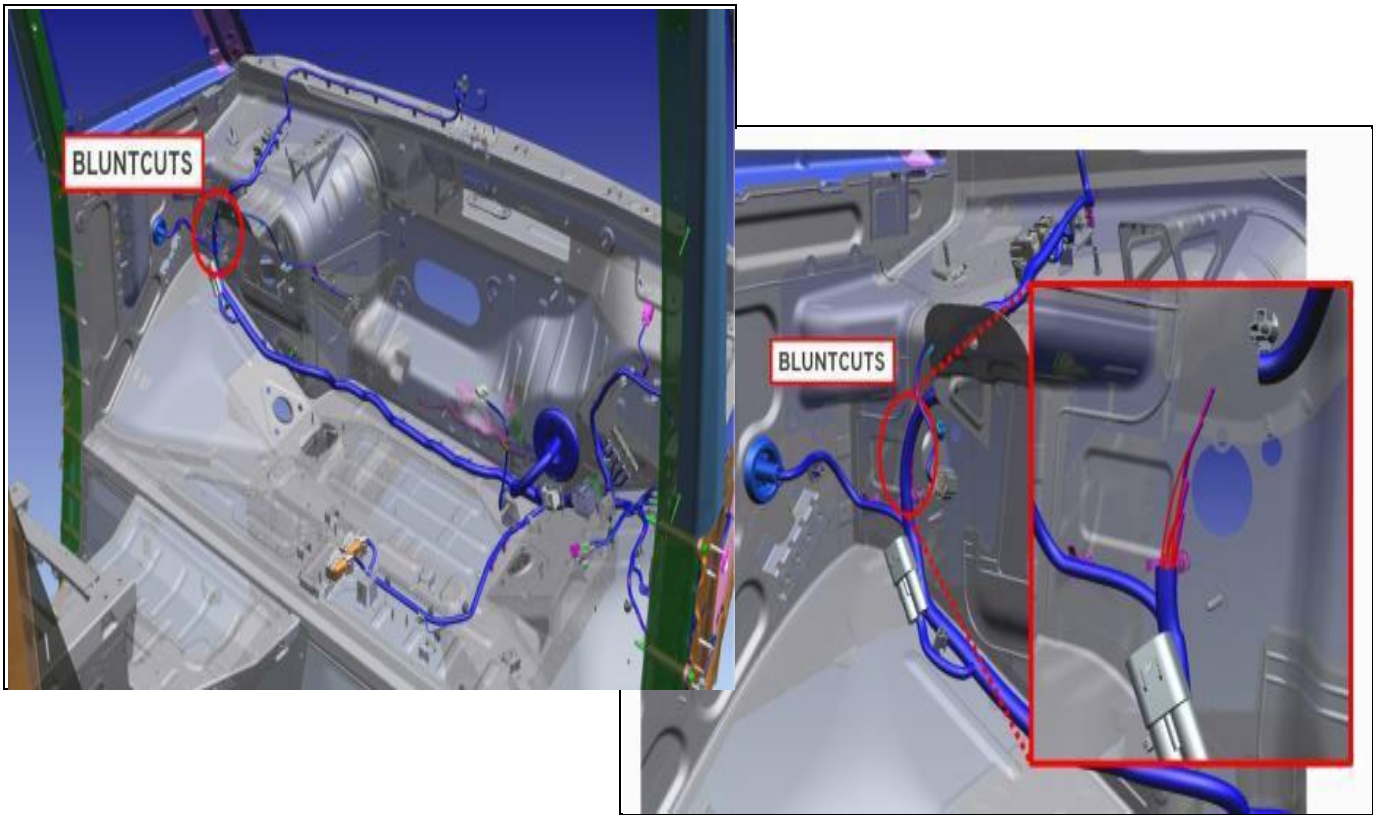
Note:

An additional schematic shows how to accomplish an ignition switched arrangement.

Repair/Recommendation:

Upfitter Electrical Wiring Provisions – 9L7

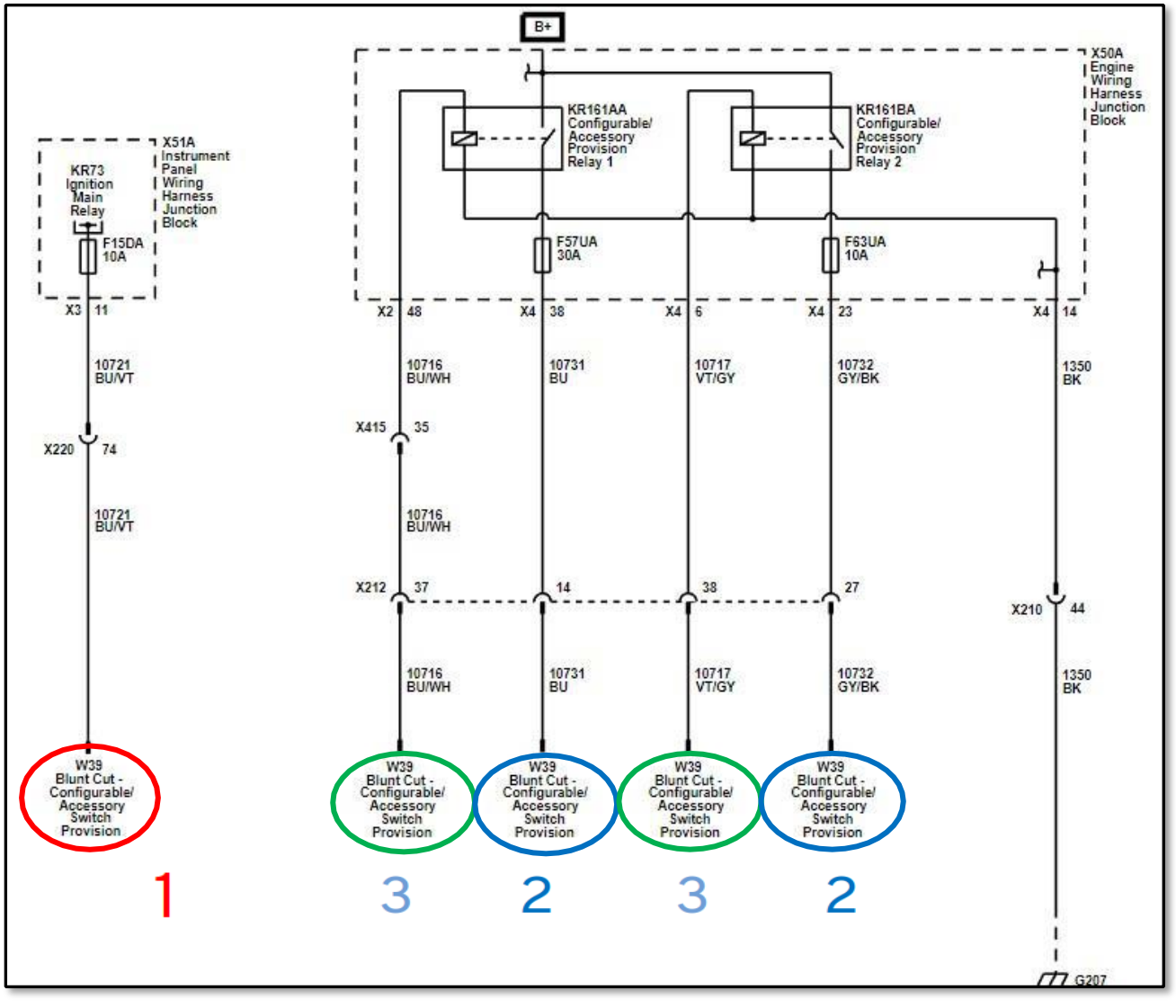
Provisional Blunt Cuts



Provisional Blunt Cut Wires

Function	Wire Color	Circuit Number
10A Fused Ignition (Run Mode) Circuits	BU/VT	10721
User Utilized Relay 1	BU/WH	10716
30A Fused, relay-controlled output circuit	BU	10731
User Utilized Relay 2	VT/GY	10717
10A Fused, relay-controlled output circuit	GY/BK	10732

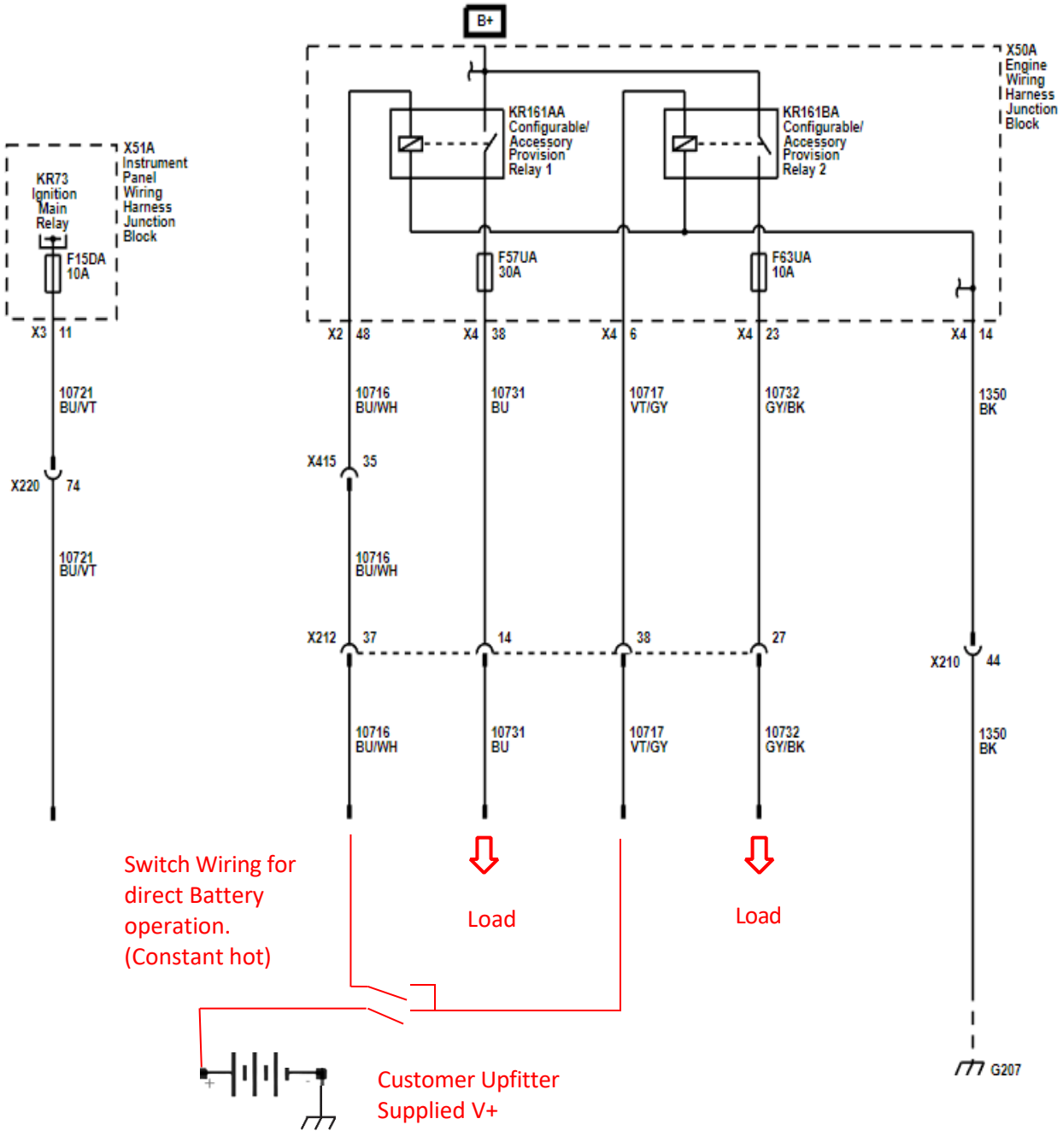
Upfitter Provisions (9L7)



1. 10-amp fused Ignition (RUN Mode) circuit
2. Two relay-controlled output circuits (30a and 10a fused)
3. Two user utilized relay control circuits – customer/upfitter to provide V+ input for relay activation.

Schematic 'Standard Continuous'

Items in red must be added by upfitter



Schematic – Ignition Controlled (Run mode)

Items in red must be added by upfitter