

Chassis Cab vehicles have 5 auxiliary switches. These switches are integrated into the vehicles electrical architecture (LIN signals) with their outputs found underhood in connectors located on the auxiliary PDC. Please note that these switches are hard wired to only switch power (12V) via their relays; they can not be used for such applications as PTO without upfitter modification. The vehicle comes with a kit that contains all required mating half terminals and connections to allow for ease of upfit.

Here is a brief explanation of the switch operation:

A) Non – PTO Vehicle

- 5 Switches located in the lower switch bank of the I/P – all are auxiliary (AUX)
- Switches AUX 3, 4, 5 are set to Ignition; and AUX 1, 2 can be either Battery or Ignition (customer choice via 5A fuse location in the PDC – see the Chassis Cab Upfitter Schematic in the “Upfitter Wiring Interface Instructions” chapter)
- Fuse sizes (rating) for the switches are customer choice via fuse relocations – see the Chassis Cab Upfitter Schematic for detailed instructions
- Connections to the switches are found underhood in the gray connectors attached to the auxiliary PDC. See the Chassis Cab Upfitter Schematic for detailed instructions.
- AUX 3, 4 switches will maintain “last known state” functionality; AUX 1, 2 will not
- AUX 5 power output is on the light gray connector underhood on circuit 2

B) PTO Equipped Vehicle

- 5 Switches located in the lower switch bank of the I/P – 4 auxiliary (AUX) and 1 PTO
- Switches AUX 3, 4 and PTO are set to Ignition and AUX 1, 2 can be either Battery or Ignition (customer choice via 5A fuse location in the PDC – see the Chassis Cab Upfitter Schematic in the “Upfitter Wiring Interface Instructions” chapter)
- Fuse sizes (rating) for the switches are customer choice via fuse relocations – see the Chassis Cab Upfitter Schematic for detailed instructions
- Connections to the switches are found underhood in the dark gray connectors attached to the auxiliary PDC. See the Chassis Cab Upfitter Schematic for detailed instructions.
- AUX 3, 4 switches will maintain “last known state functionality”; AUX 1, 2 and the PTO switch will not

## Aux PDC

- Standard on all Chassis Cab Models
- Contains 8 fuses
  - 5 - for the Auxiliary Switches (non-PTO vehicles)\*
  - 1 - for PTO and 4 for the Auxiliary Switches (PTO vehicle)\*
  - 1 - for 20 amp Upfitter battery feed
  - 1 - for 20 amp Upfitter ignition/run feed
  - 1 - 5 amp mini fuse can be customer located in its holder to allow changing switches 1 and 2 from ignition feed to battery feed\*\*
- Houses 6 relays
  - 5 - relays are for the Auxiliary Switches (non-PTO vehicle)
  - 1 - relay is for PTO and 4 for the Auxiliary Switches (PTO vehicle)
  - 1 - relay provides 20 amp Upfitter ignition feed

\*The 40A, 25A, and 20A AUX/PTO fuses can be moved as desired to any of the switches 1, 2, 3, 4 or 5 / PTO. These fuse “sizes” are for identification purposes only. Refer to the Chassis Cab Upfitter Schematic in the Upfitter Wiring Interface Instructions for max. allowable continuous amperage for a given fuse “size”.

\*\*Please note that switch 1 and switch 2 can be changed from ignition feed to battery feed by moving the 5A mini fuse (see Chassis Cab Upfitter Schematic). All switches will be shipped from the factory as ignition fed to minimize battery drain.



Here is the location of the connector with the switch outputs:

