

# 2013 UNDER HOOD SWITCHED BATTERY CIRCUITS

## Under Hood Switched Battery Circuits

Ram pickup trucks do not have upfitter switched battery circuits available under hood. If a switched battery feed is required, there are circuits under hood that can be spliced into.

These circuits are F983 and F986. F986 is fused for 20 amps and feeds the cigar lighter and the USB power port. It is hot with the ignition in run and accessory. F983 is also fused for 20 amps. It feeds the in cab power outlet. (see schematic below) F983 is configured from the factory to be hot in run and accessory. However, the customer can configure the system such that this circuit will be a battery feed. This is done by moving fuse F91 to its alternate location in the PDC. Both circuits are pink with a yellow tracer and come out of the "G" connector of the PDC.

All PDC connectors are found on the bottom of the module. Remove the PDC from the bracket by simultaneously squeezing all four latches and pulling the module up out of it's bracket. There should be sufficient harness length to allow the PDC to be rolled over to one side allowing access to the harness connectors. The "G" connector is the green connector. F983 goes in to pin 5 and F986 goes into pin 9. (see attached PDC drawing) Choose the circuit that allows for the best load distribution taking into account the loads that may be connected to the outlets in the cab of the vehicle. Solder splice in to the desired circuit, one to two inches away from the connector. Be sure to seal the connection with RTV or equivalent and cover with electrical tape. Use tie wraps to secure the added circuit to the vehicle's wiring harness. Route the other end of the added circuit to the desired location. Snap the PDC back into place.

