

2013 RAM AFTERMARKET TRAILER BRAKE CONTROLLER WIRING

Procedures to connect an aftermarket trailer brake controller on a 2013 RAM Truck

Parts needed for install

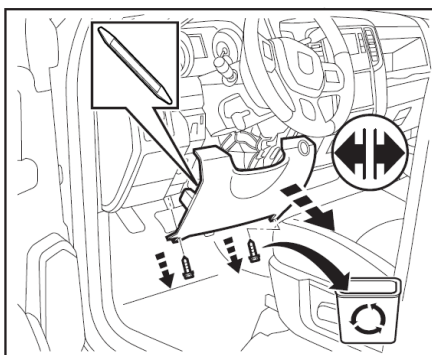
Phillips Screwdriver

Pry tool

Utility Knife

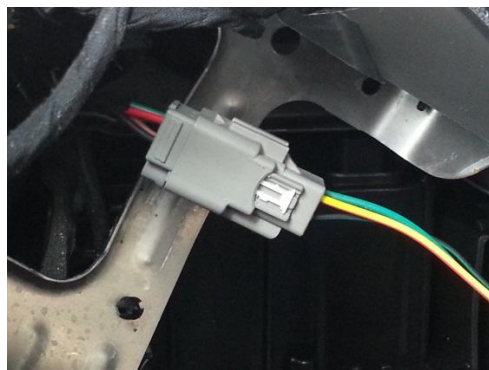
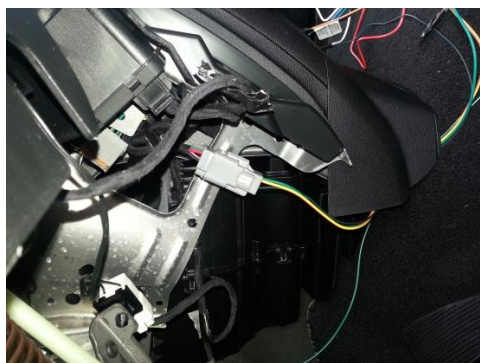
Wire Strippers

1.- Remove the knee blocker / lower steering column opening trim. First remove the two fasteners at the bottom of the trim panel under the steering wheel and carefully remove the hood release latch. Disconnect the data link connector and pry off the trim panel.



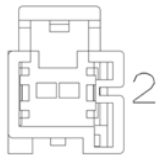
2.- Locate the two gray connectors: one 4 way connector (on the right side near the plastic panel where the knee blocker attached) and one 2 way connector (at the top of the gas pedal).

The 4 Way connector



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The 2 Way Connector



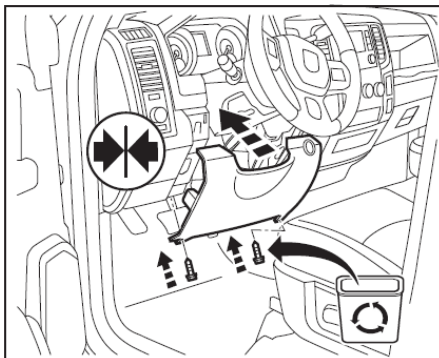
3.- Connect the jumper to the two connectors.

4.- Strip about $\frac{3}{4}$ of an inch of isolation off each wire.

5.- Identify the circuits and make the proper connection between the jumper and the aftermarket controller connector.

- Ground circuit (Black wire with dark green trace)
- Brake Light Signal (Circuit coming from 2 way connector) Dark Green with White trace
- Battery (+12 Volt) Feed with 30 AMP max (Yellow with Red trace)
- Electric Brake Feed "Controller signal" (Dark Green wire)

6.- Reconnect the data link connector and hood release latch to the lower steering trim panel. Carefully snap the panel back into place and secure with the two fasteners at the bottom.



7.- Isolate the wires so that they don't create a short circuit.

Attention:

The battery line may be used to charge the trailer battery, however, a battery isolation unit is not supplied and the trailer battery may discharge the truck battery when the engine is not running. The battery line is protected by a fuse or circuit breaker refer to owner's manual for type location and ampere rating.