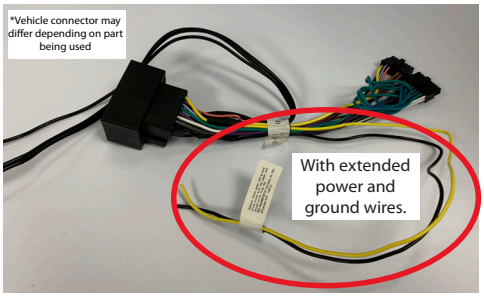
RSTX / RP5 / OS
Accessory Shutdown at High Volume

Power Redirection
Tech Brief

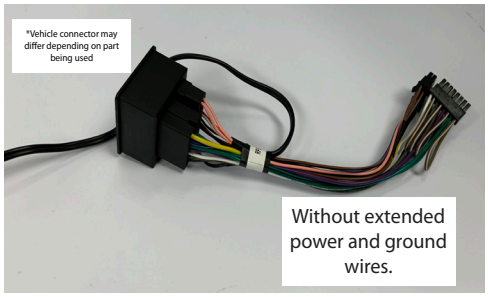
Issue:
Accessory output drops at high volume.

Solution:
By cutting the constant and ground wires at the interface connector of the “Radio Connections” harness, the power path to the accessory relay and the aftermarket radio is altered. The power is then sourced from the vehicle side of the wiring harness and prevents any current from being pulled through the interface.

If your harness looks like this, skip to page 2.

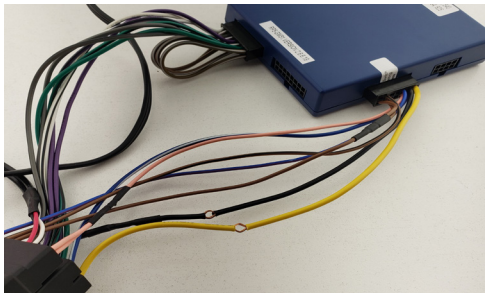


If your harness looks like this, follow steps below then proceed with page 2.

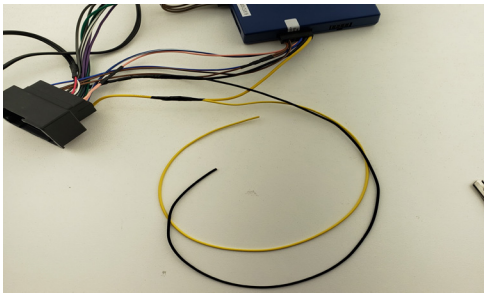


Connect wires from vehicle-side to radio-side of interface harness.

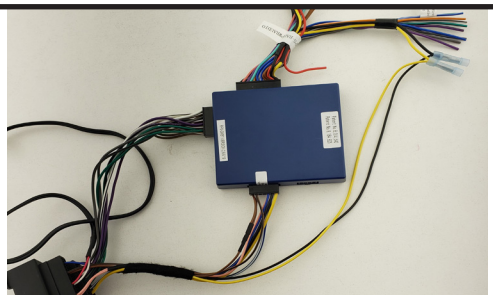
STEP 1 Isolate Yellow (B+) and Black (GND) on vehicle-side wiring harness and prepare them to be spliced



STEP 2 Use spare wire to splice into the Yellow (B+) and Black (GND) wires in the vehicle-side harness.



STEP 3 Connect newly extended wires to the Yellow (B+) and Black (GND) wires on the radio-side harness as well as the Yellow (B+) and Black (GND) wires from the aftermarket radio.



Proceed with page 2

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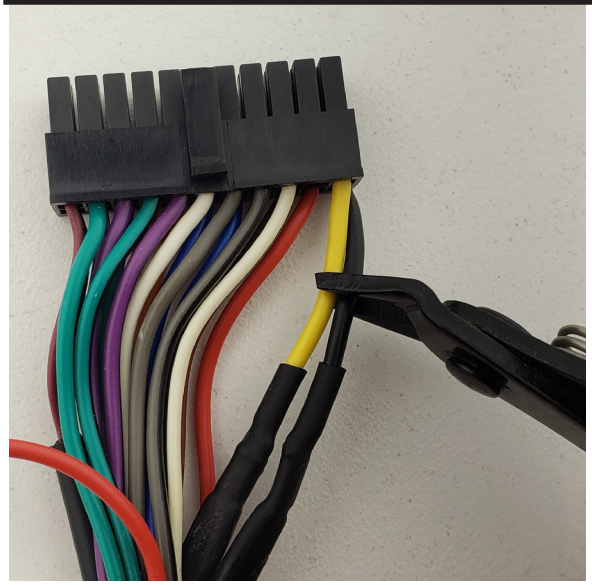
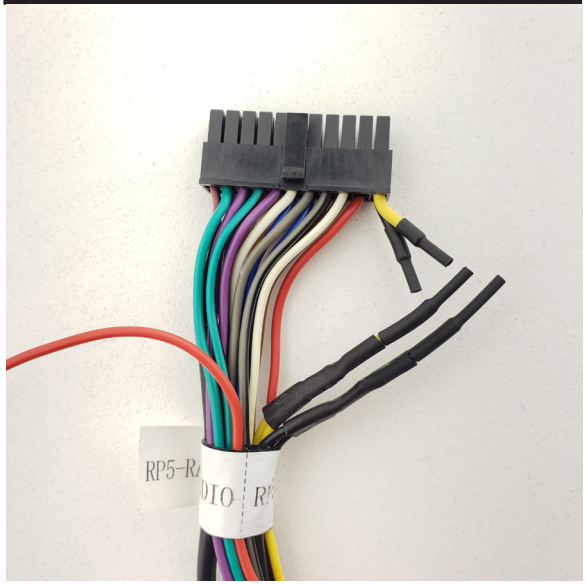
Date: 080219

Disconnect the Yellow (B+) and Black (GND) wires from the interface connector on the “Radio Connections” Harness.

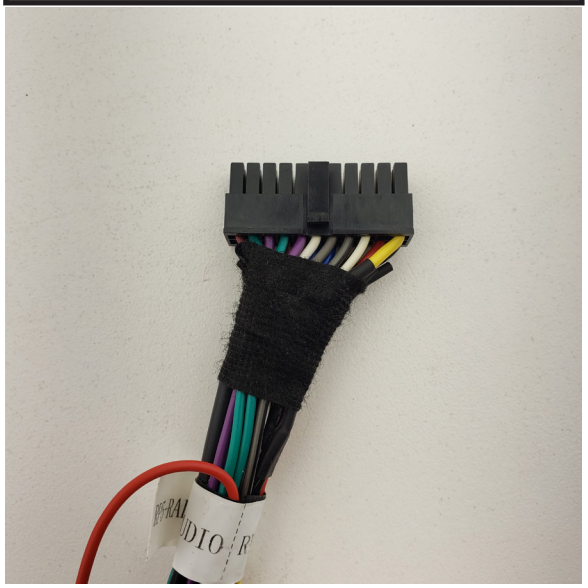
STEP 1
Isolate and cut Yellow (B+) and Black (GND) at interface connector of radio connections harness.



STEP 2
Cover ends of exposed wires with heat shrink to insulate and prevent potential shorts.



STEP 3
Tape loose ended wires to bundle of harness.



STEP 4
Wire up and connect everything else as you normally would and install into the vehicle.