

Remove the fused jumper wire.

9. If equipped with auxiliary battery(s), ensure that the auxiliary battery(s) are disconnected when measuring current draw at the primary battery, to ensure the meter or inductive amp probe measures all current draws present. Disconnect the auxiliary battery(s).

Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures) .

10. Note the amperage draw. Draw varies from vehicle to vehicle depending on the equipment package. Compare to a similar vehicle for reference.

11. **NOTE:** *If the vehicle sits for an extended period of time and the battery drains, there is the possibility of a control module staying alive and not going into sleep mode. If a control module stays alive, it can result in battery drain. If a control module is suspected, isolate individual modules by disconnecting them one at a time and note if the excessive draw goes away.*

NOTE: *For vehicles equipped with aftermarket equipment containing electrical connections, disconnect the aftermarket to factory connections to isolate the body from the chassis.*

NOTE: *Vehicles may be equipped with multiple fuse box locations.*

Refer to Wiring Diagrams Cell [13](#) for schematic and connector information.

If the current draw is excessive, remove the fuses from the main fuse box one at a time and note the current drop.

12. When the current level drops to an acceptable level after removing a fuse, the circuit containing the excessive draw has been located. Reinstall the fuse and allow the vehicle to sit with the key out of the ignition for at least 75 minutes (depending on region) to allow the modules to time out/power down again.
13. The excessive draw can be isolated by continuing to pull subsystem fuses and disconnecting components. Do not reinstall the fuses or connect components until testing is finished. To correctly isolate each of the circuits, all of the fuses may need to be removed, then install one fuse and note the amperage draw, remove the fuse and install the next fuse. Continue this process with each fuse.
14. If excessive current draw is isolated to a specific module, verify if a module input is the cause of the concern. Refer to the corresponding workshop manual system operation and component description section to determine the inputs (hardwired or network messages) received by the module in question.