

**Introduction/ Comments:**

The following instructions are for a Nissan NV.

**Note:**

Read all instructions prior to installation. Only personnel familiar with using electrical best practices should perform this install. Due care must be used when routing all wires to avoid sharp, moving and hot parts. All holes drilled or pass through's must be sealed with silicone.

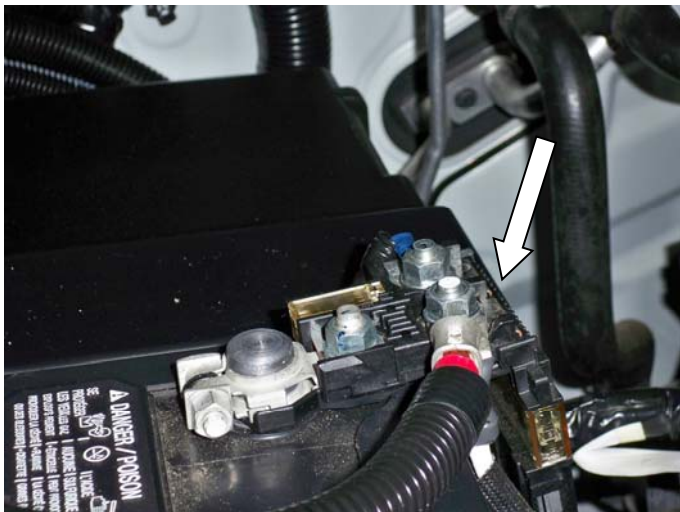


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1. Refer to the Order Drawing for location to mount the inverter and auxiliary batteries.
2. Layout all cabling and components prior to drilling or mounting.
3. Mount the fuse holder to the curbside inner fender well as shown. Do not install the fuse at this time.



4. Connect the short 17" red positive cable to the NON FUSED side of the battery terminal as shown. The end of the cover may need to be trimmed to allow clearance for the cable to pass.

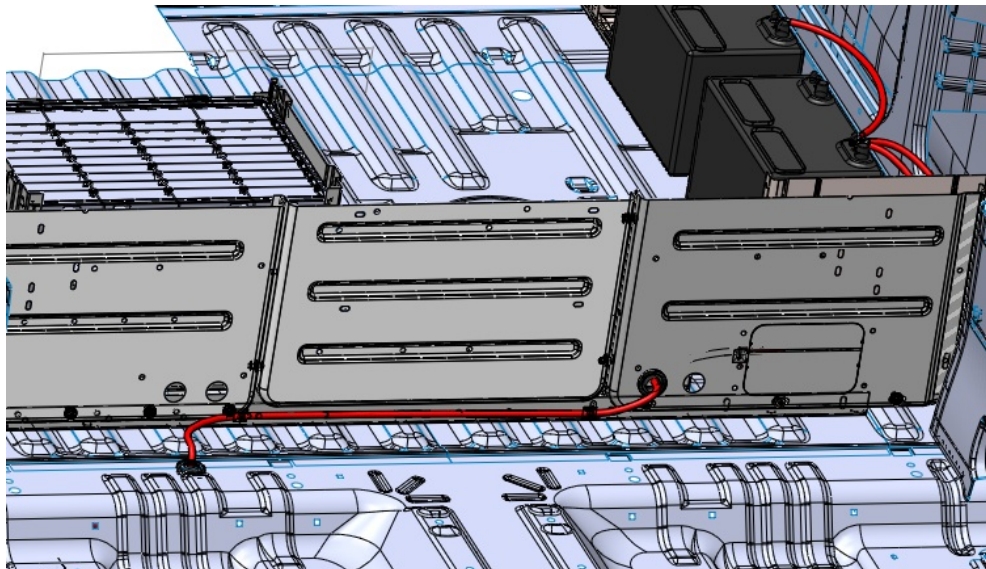


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5. Mount the black negative charge cable to the OEM ground location at the battery ground.



6. Route the cabling down the passenger side frame rail retained with cable clamps.
7. Pass through the floor behind the passenger seat in the cab area and route the cables along the partition and through the grommets behind the driver's seat.

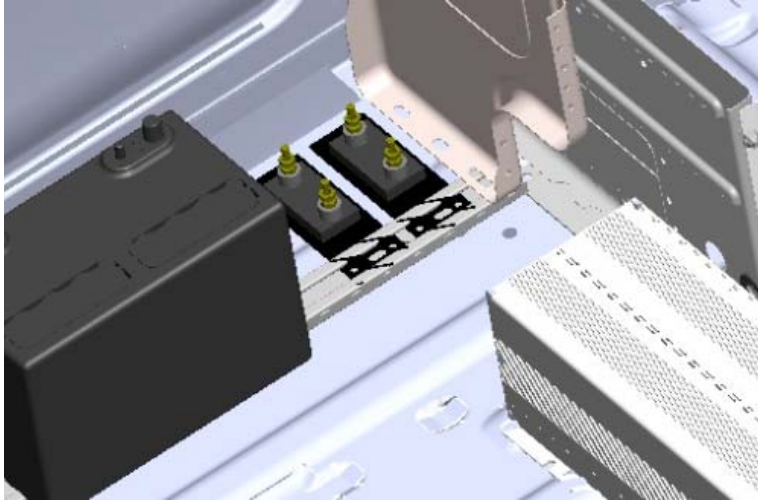


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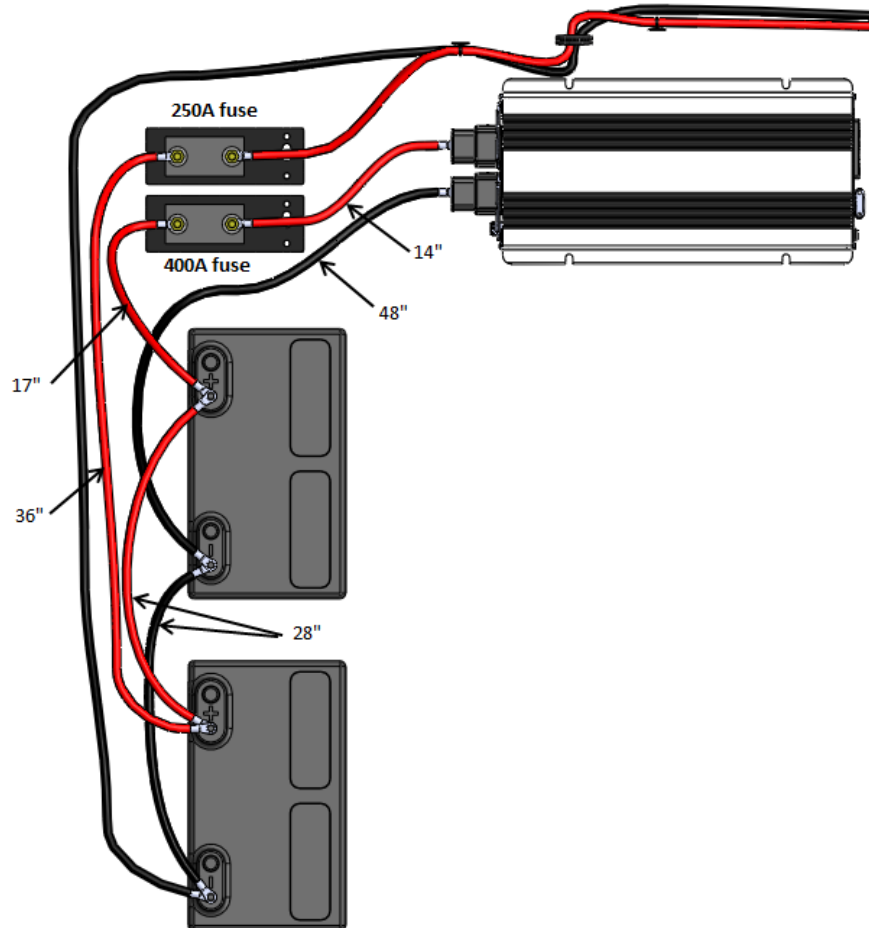
P.N. 63031

ECN Release: 23865

- Mount each of the 2 auxiliary fuse holders to the bracket plates. Mount both brackets to the floor rail as shown.



- Connect all cables as shown in the attached wiring schematic.



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10. Create a template for drilling the battery boxes. The four 3/8" holes will be one in each corner, 1" from the nearest side and 2" from the nearer end. Place the template in the battery boxes and drill the 3/8" holes.
11. Create a template for the two battery boxes into the floor. Mark the eight 1/2" holes. Drill the eight 1/2" holes. Set a FAS0091 plusnut in each holes.
12. Mount the battery boxes to the floor with (8) FAS0048 screws and (8) FAS0833 washers. Be sure the nylon strap is under each battery box.
13. Place a battery into each battery box.
14. Attach the casing ground wire to the inverter and mount it to the base of the partition.
15. Connect the fused remote wire to the positive post of the battery. Route the wire along engine wall retaining the wire to OEM harness.
16. Find the pass through connector located on the driver's side under the brake master cylinder. Cut one of the pass through wires and crimp the butt connector to the wire.



17. Remove the driver's side kick panel. Locate the pass through connector and cut the same color wire that was cut under the hood. Crimp the butt connector of the switch harness.

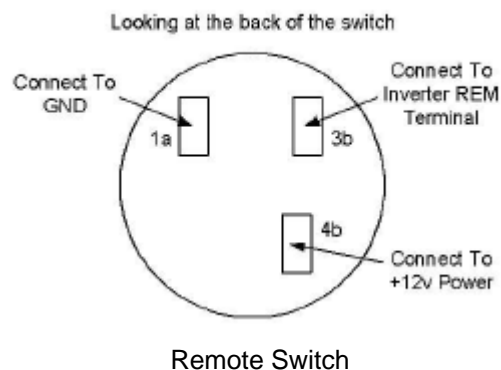


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18. Remove the OEM switch panel and drill a .78" hole in the switch location and insert the remote switch.



19. Make all connections to the switch and route the switch wire to the inverter.



20. After completing installation turn the switch on the inverter to "REMOTE". Turn the dash mounted switch on, it should illuminate when the invert is powered on.
21. Plug a trouble lamp or power tool into the inverter to verify operation.
22. Turn the dash mounted switch off. **DO NOT** turn off the switch on the front of the inverter. Leave it in the "REMOTE" position for transportation.
23. Verify all cabling and wiring is secure and not rubbing sharp or moving parts.