

# KICKER®

## VEHICLE SPECIFIC SOLUTIONS

### VSS

## SSUTAYU15

*Designed for 2015 and newer Chevrolet® Tahoe/Suburban and GMC® Yukon/Yukon XL vehicles*

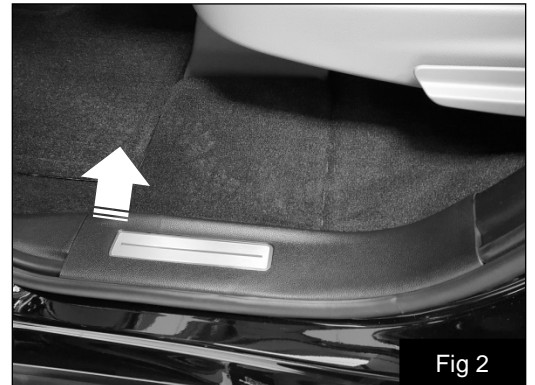


## Disassembly

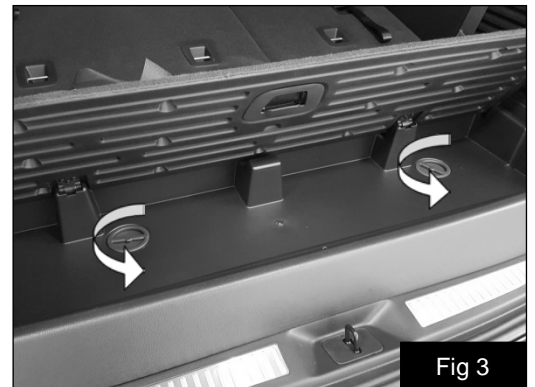
1. Disconnect the negative battery cable from the battery.

**Note:** *On vehicles equipped with dual batteries, disconnect negative battery cable from both batteries.*

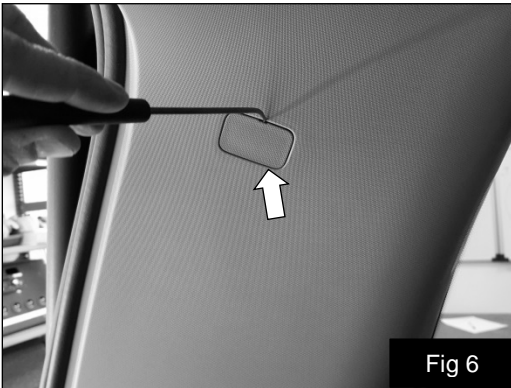
2. Using a panel removal tool, pry loose the driver's side front and rear threshold panel along the bottom of the door openings. Fig. 1 & 2



3. Open the storage compartment lid and locate the two knobs underneath the rubber liner that secure the storage compartment to the vehicle. Unscrew the knobs and lift the storage compartment out of the vehicle. Fig 3
4. Using a panel removal tool, pry loose the upper and lower cargo door sill plate. Fig 4 & 5



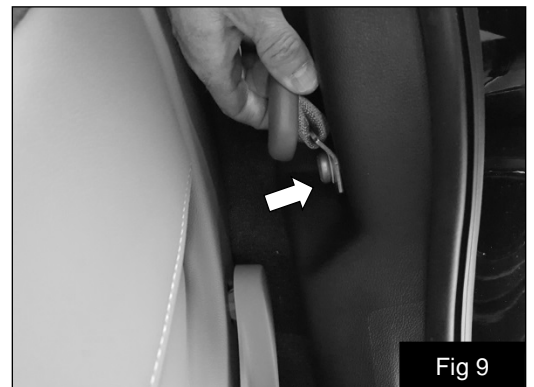
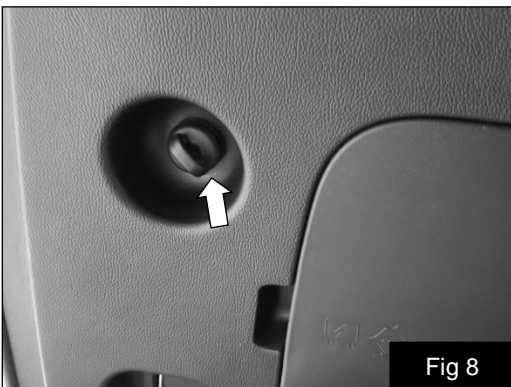
5. Using a panel removal tool pry loose the screw cover on the driver's side C and D pillar post cover and remove the screws securing both covers. Pry loose the C pillar post cover and lay aside. Pry loose the D pillar post cover, disconnect speaker wiring and lay aside. Fig 6
6. Using a pick tool, snap loose the cover on the driver's side cargo D-ring to reveal the bolt securing the D-ring and remove the bolt. Fig 7



7. Unscrew the cargo-net anchor knob on the driver's side. Fig 8

**Note: The knob may unscrew from the threaded stud. If so, use a pair of pliers to remove the stud being careful not to damage the threads. Replace plastic knob onto the stud for reassembly later.**

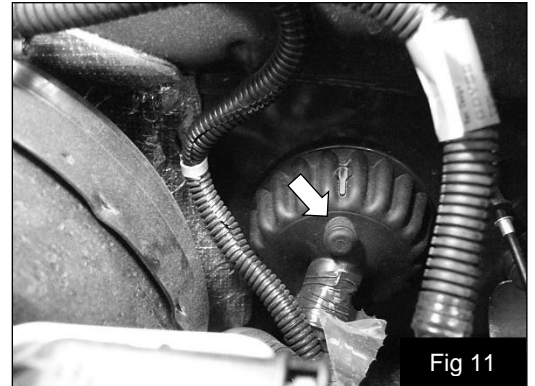
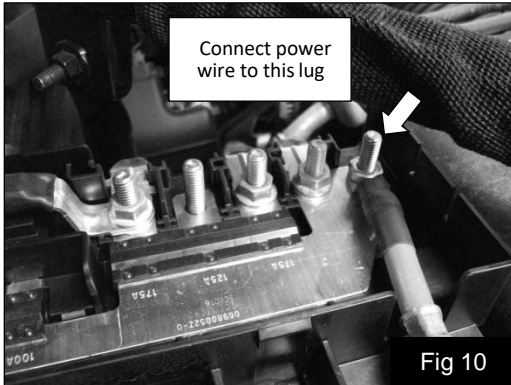
8. Slide the driver's side second row seatbelt trim cover up to reveal the seatbelt bolt and remove the bolt. (Tahoe/Yukon only) Fig. 9 Torque to 45Nm.



9. Using a panel removal tool, pry loose the driver's side quarter panel cover. Disconnect the rear 12 volt accessory port wiring and the rear folding seat switch wiring (if equipped) and lay the quarter panel cover aside in the cargo area.

## Wire Routing

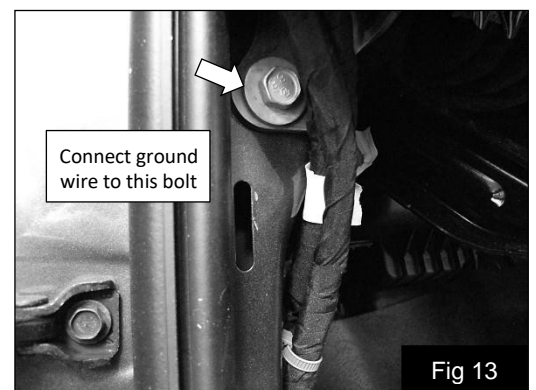
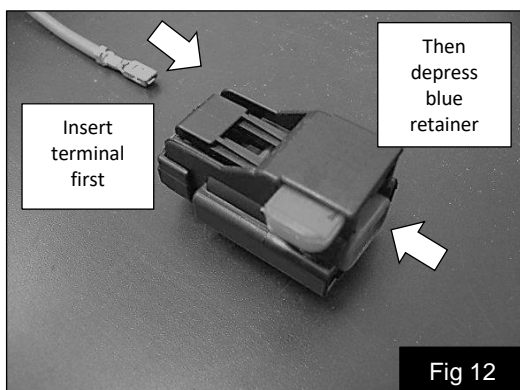
10. Remove the red battery terminal cover and then the power distribution cover next to the battery on the passenger's side.
11. Remove the fuse from the fuse holder on the subwoofer power harness. Connect the ring terminal of the subwoofer harness to the power lug identified in Fig 10. **Torque to 9 +/- 1.5 Nm.**
12. Route the power wire along the fire wall to the factory grommet on the driver's side and secure with wire ties.
13. Using a razor knife, make a cross shaped incision in the protrusion large rubber grommet and feed the power wire straight through the hole on the cabin side of the grommet. Fig 11



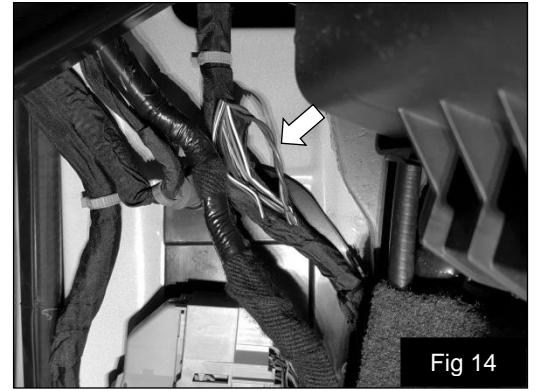
14. Install the black two pin power connector on the subwoofer power harness by first inserting the terminal fully into the connector and then depressing the blue retainer. Fig 12

**Note:** *Make sure the blue retainer in the center of the connector is not depressed – it should be flush with the front of the connector. If the retainer is depressed, the terminal will not fully seat in the connector body. Make sure the terminal is installed into position 1 on the connector body. There should be a block-out plug installed in position 2 in order to prevent the terminal from being installed into the wrong position on the connector.*

15. Connect the subwoofer power harness two-pin connector to the subwoofer harness two-pin connector.
16. Connect the black ground wire of the subwoofer harness to the bolt next to the parking brake pedal indicated in Fig 13 **Torque to 9 +/- 1.5 Nm.**



17. If the vehicle is equipped with a base audio system, (non-Bose®) find the brown with blue stripe wire and the blue wire that are twisted together in the factory harness near the parking brake pedal. Install the supplied wiretaps onto the vehicle wires. Connect the green wire if the adaptor harness to the blue wire of the vehicle harness and the brown wire of the adaptor harness to the brown/blue stripe wire of the vehicle harness. Fig. 14



**Note: If vehicle is equipped with premium audio (Bose®) refer to input connection indicated later in this manual.**

**Note: There are input connection points on both ends of the subwoofer harness. Only one of the two connection points will be used depending on whether the vehicle is equipped with premium or base audio.**

18. Connect the white two-pin connector of the adaptor harness to white two-pin connector of the subwoofer harness.
19. Continue routing the subwoofer harness down the driver's side of the vehicle to the rear quarter panel. Open the cover of the wire tray along the threshold of the door, install wire and replace the tray cover.

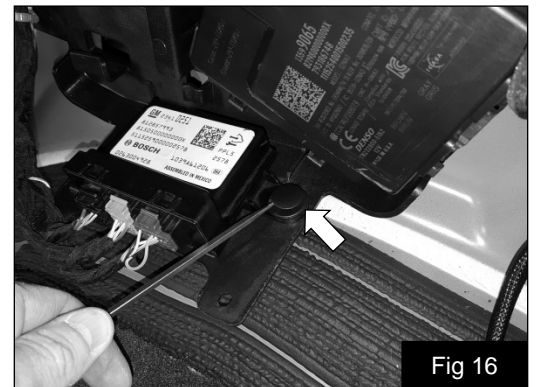
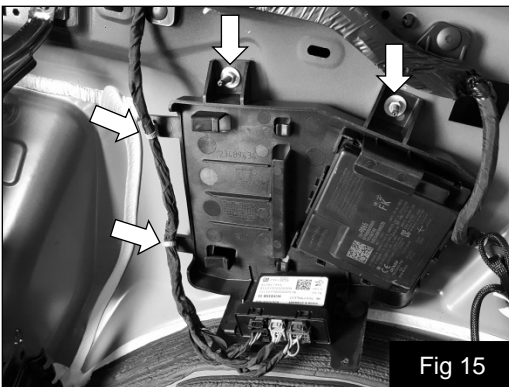
## Subwoofer Installation

20. Locate the factory module bracket and remove the two nuts securing it. Fig 15
21. Pry the module wire retainers from the factory bracket. Fig 15

**Note: Depending on the vehicle trim level, there may be one or two modules attached to the bracket. The module(s) will need to be relocated using the supplied relocation bracket in order for the subwoofer to be installed.**

**Note: Do not disconnect the module wiring. Modules wiring is shown disconnected in some pictures only for clarity of installation.**

22. Pry out the center portion of the plastic retainer securing the smaller module and then the outer portion. Remove the module from the factory bracket. Fig 16



23. If equipped, remove the larger module by snapping it out of the factory bracket.
24. Pull the factory module bracket from the metal and discard.
25. If equipped with two modules, slide the larger module into the relocation bracket first as shown in Fig 17
26. Using the supplied bolt and plastic fastener, install the smaller module over the top of the larger module as shown in Fig 18

**Note:** *The connectors on the smaller module face the opposite direction as the connectors on the larger module. The smaller module mounts the same way regardless of whether or not there is a second module.*

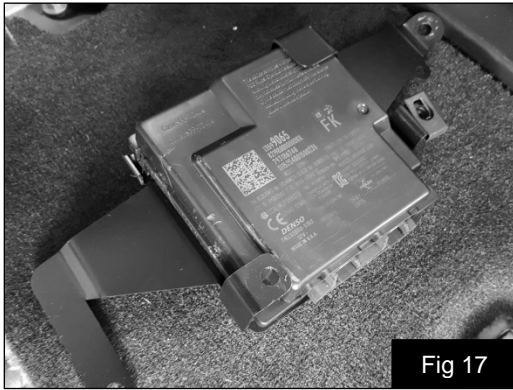


Fig 17

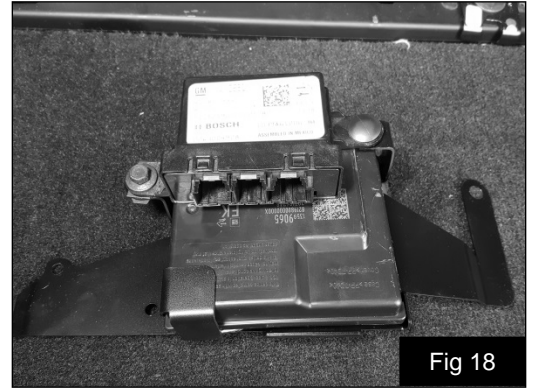


Fig 18

27. Unscrew the jack tool-bag knob and remove the tool-bag. Fig 19
28. Remove the bolt indicated in Fig 19
29. Install the module relocation bracket as shown in Fig 20 and reinstall bolt.

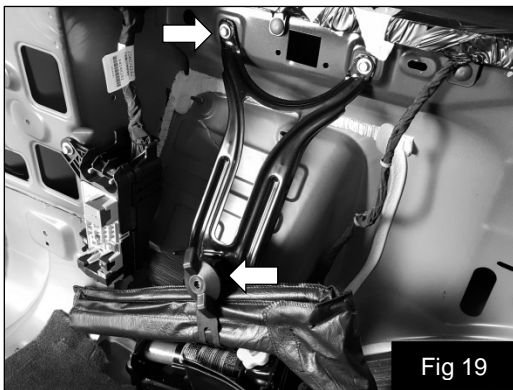


Fig 19



Fig 20

30. If the vehicle is equipped with factory premium audio (Bose®), locate the amplifier behind the jack mounting bracket. Disconnect the connector indicated in Fig 21
31. Find the gray/black and blue/gray wire in the connector and install the supplied wiretaps onto the wires. Connect the green wire of the supplied adaptor harness to the blue/gray wire and the brown wire of the adaptor harness to the gray/black wire.

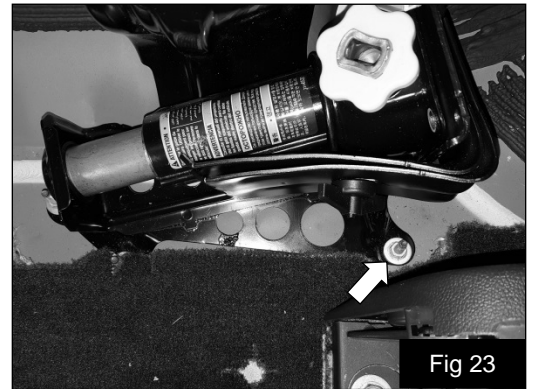
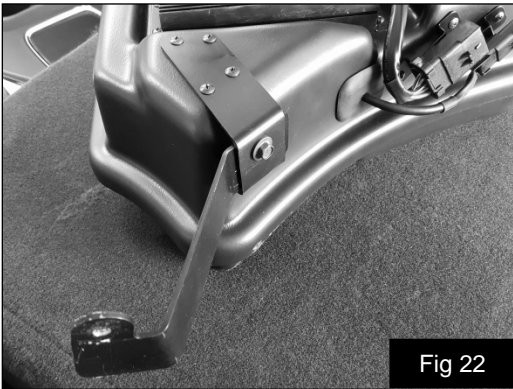


Fig 21

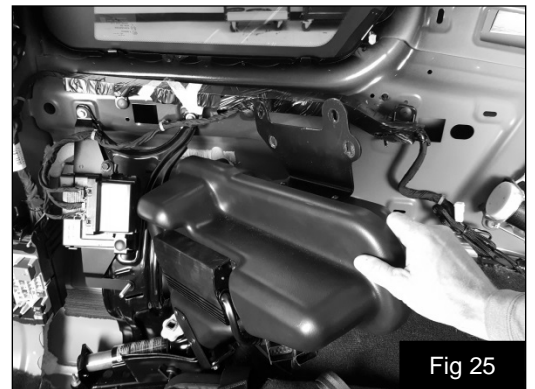
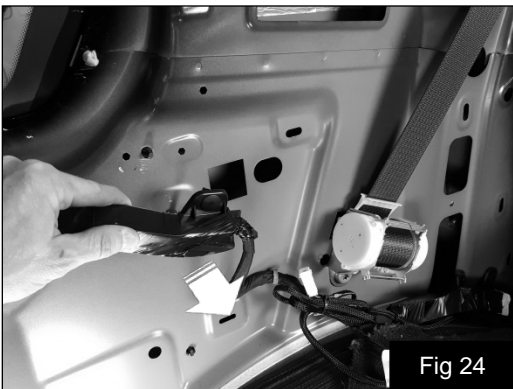
32. Reconnect the amplifier connector to the amplifier.
33. Connect the white two-pin connector of the adaptor harness to the white two-pin connector of the subwoofer harness.
34. There are two lower subwoofer brackets provided depending on the wheelbase of the vehicle. For Tahoe/Yukon use the longer bracket. For Suburban/Yukon XL use the shorter bracket. Determine the lower subwoofer bracket needed and attach it to the subwoofer using the supplied nut and bolt as shown in Fig 22

**Note:** *The lower subwoofer bracket should overlap the bracket attached to the subwoofer as shown. The nut should be installed on the side closest to the subwoofer. Leave the nut and bolt slightly loose so the lower bracket can slide.*

35. Remove the nut that secures the jack bracket indicated in Fig 23



36. Pull the factory wire harness slightly away from the metal in order for the subwoofer upper bracket to pass under the factory wire harness. Fig 24
37. Hold the subwoofer at about a 45 degree angle and slide the lower subwoofer bracket over the jack stud. Fig 25



38. Swing the subwoofer into position and over the studs where the factory module bracket attached. Install the nuts and tighten. Fig 26

**Note:** *The lower set of holes in the upper bracket are for Tahoe/Yukon and the upper set of holes are for Suburban/Yukon XL*

39. Reattach the factory wire harness to the metal.

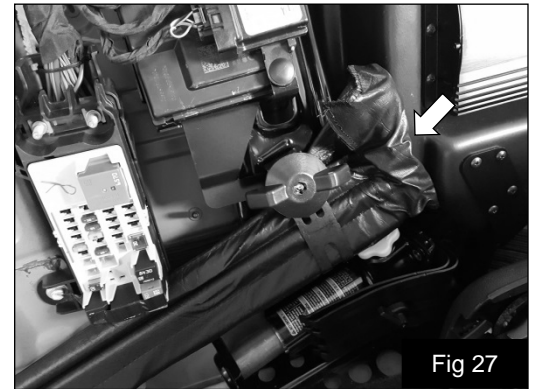
40. Install the nut on the jack stud and tighten.

41. Tighten the nut and bolt attaching the subwoofer lower bracket to the subwoofer.

42. Connect the ten-pin and four-pin subwoofer connectors to the subwoofer.

43. Install the jack tool-bag as shown in Fig 27.

**Note:** *The tool-bag will be positioned more aft of its original position but will not interfere with reassembly of quarter panel cover.*



44. Reinstall panels in reverse order.

45. Install fuse in fuse holder.

46. Reconnect negative battery cable(s). **Torque to 17Nm**

47. Disable Active Noise Cancellation (ANC) – refer to programming procedure (1).

**Note:** *Not necessary for all vehicles. See attached service bulletin for more information.*



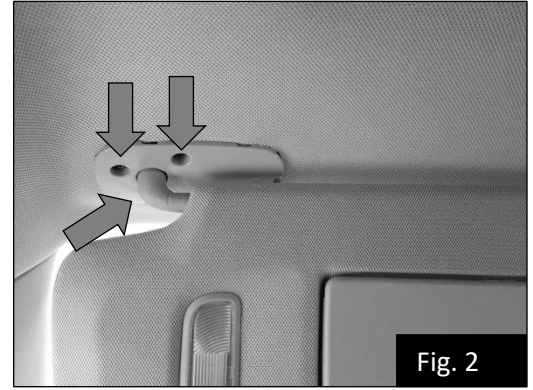
# Addendum

- **Vehicles affected: All 2014 - up Chevrolet Silverado/GMC Sierra 1500/2500/3500 trucks equipped with ANC (Active Noise Cancellation)**
- **Note: In order for the subwoofer to operate correctly, Active Noise Cancellation (only available on trucks equipped with 6.2L engine) must be disabled. Due to the increased output of the Kicker® subwoofer, failure to disable ANC will result in a “feedback” issue between ANC and the subwoofer at certain RPM’s. Disabling ANC is easy and can be reversed if the Kicker® subwoofer is ever removed from the vehicle.**
- **ANC can be disabled in one of two ways.**
  - 1) Follow the following steps in the Disabling Active Noise cancellation section.**
  - 2) Visit a GM dealership and have the Active Noise Cancellation disable through the Audio Control Module\*.**

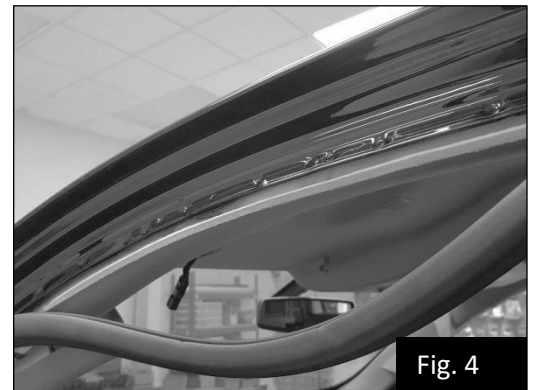
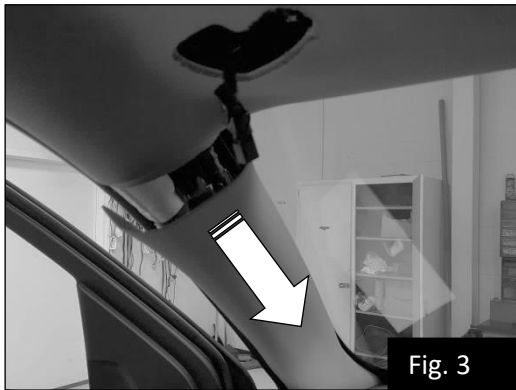
\*Will require additional fee.

## Disabling Active Noise Cancellation (ANC)

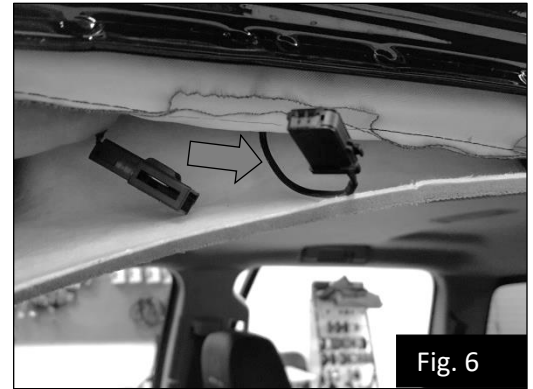
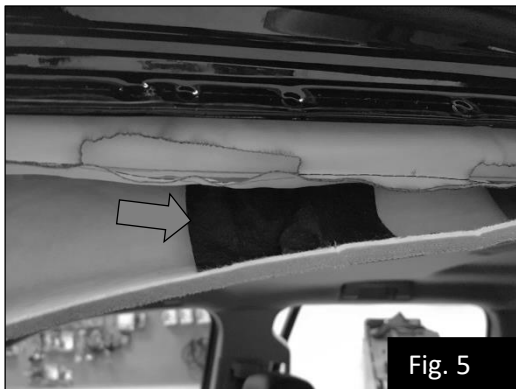
1. Using a panel tool, remove the screw cover from the driver's side visor. Fig. 1
2. Remove the three screws securing the visor, pull visor loose and disconnect wiring. Fig. 2
3. Open the screw covers on the grab handle above the driver's door, remove the two screws and pull loose handle. Fig. 2



4. Snap loose the driver's side A pillar cover slightly. Cover doesn't need to be completely removed. Fig. 3
5. Pull down the rubber door seal along the top of the driver's door. Fig. 4



6. Pull down slightly on the headliner to expose the black adhesive tape covering the microphone.
7. Carefully remove the black tape so that it can be re-applied. Fig. 5
8. Find and disconnect the microphone wiring. Disconnecting just one of three microphones will disable the ANC. Fig. 6



9. Re-apply the black adhesive tape over the microphone and connectors.
10. Re-install previously removed parts in reverse order.

## Troubleshooting the Kicker Integrated Systems

If you experience a problem once the subwoofer or amplifier are installed use this guide to locate the trouble.

### The radio is working, but the Subwoofer is not working:

- Check the battery voltage to make sure it is not discharged below 11 volts.
- Check the negative battery cable to see if it has been securely tightened back on the battery.
- Check the inline fuse located near the battery to make sure it is plugged in completely, and not blown.
- Check the inline +12 volt power connector near the firewall to make sure it is plugged in securely.
- Check the inline connectors near the subwoofer enclosure to make sure they are plugged securely.
- Check the ground wire connection to make sure it is tightly secured to the proper ground in the vehicle.
- Check the audio input signal connection to make sure it is secure and connected to the proper wiring.
- Test with different music in case there is no low frequency audio in the initial sound check.

Symptom	Possible Cause	Solution
<b>No Subwoofer Output</b>	Fuse not installed in inline fuse holder on subwoofer and / or amp harness	Install fuse into fuse holder. Refer to instructions for correct placement
	Low battery voltage	Recharge the battery
	Negative battery cable not connected	Reconnect negative battery cable
	Power wire connector not connected to body harness	Connect power wire to body harness. Check for loose connection
	Ground wire not grounded properly	Check ground wire with voltmeter to insure it is a good
	Balance or fader controls not set to neutral position	Set balance and fader control to center settings. (only effects stand-alone subwoofer kit)
	No low frequency information in music	Test with several different songs
	Subwoofer harness not properly / Completely connected to subwoofer.	Securely fasten both of the connectors on the subwoofer harness to the subwoofer. Check for loose connections.
<b>Radio Not Coming On</b>	Blown radio fuse	Refer to owner's manual for radio fuse location and value
	Low battery voltage	Recharge the battery

*If you continue to experience problems after troubleshooting, please contact KICKER Technical Support at (800) 256-0808 ext. 6007, or [support@kicker.com](mailto:support@kicker.com).*



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