

KICKER®

VEHICLE SPECIFIC SOLUTIONS

VSS

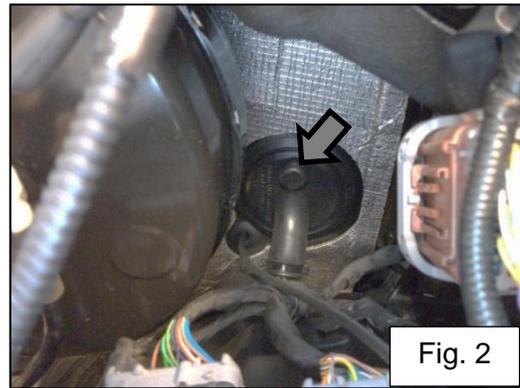
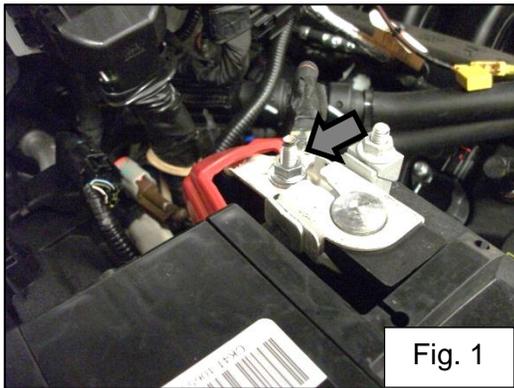
SF150SC15

*Designed for 2015 Ford F150 Super-Cab and Super-Crew vehicles
(Compatible in vehicles with or without Sony® System)*



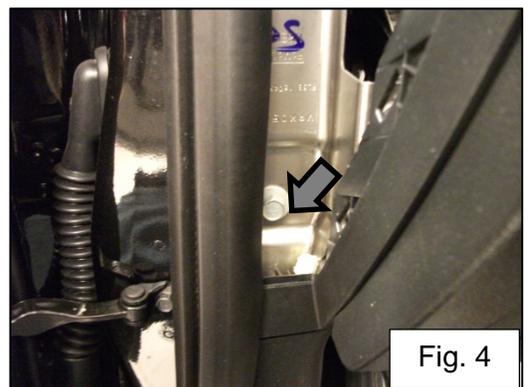
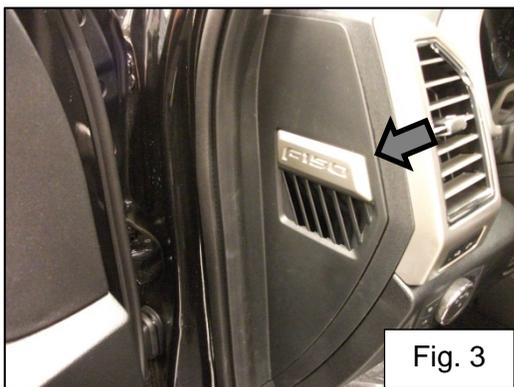
Power Harness Routing

1. Disconnect negative battery cable.
2. Make sure supplied fuse is not installed in fuse holder and connect the subwoofer power wire to the stud pictured in figure 1.
3. Route the power harness toward and along the firewall and secure with supplied wire ties.
4. Make a small incision in the grommet on the driver side of the firewall and pass the power harness into the cabin. Fig. 2
5. Install the black two pin power connector on the subwoofer power harness. **Note: Make sure the blue retainer in the center of the connector body is not depressed. 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 to prevent the terminal from being installed into the wrong position on the connector body.**



Subwoofer Harness Routing

6. Pull loose the dash end trim panel on the driver's side of dash. Fig. 3
7. Connect the black ground wire of the subwoofer harness to the bolt above the driver's kick panel. Fig. 4



8. Remove the driver side front and rear threshold panel along the bottom of the door opening by prying up.
9. Snap loose the driver's side kick panel.
10. Connect the subwoofer harness black two-pin power connector to the power harness black two-pin connector.
11. Connect the subwoofer harness white two pin signal input connector to the corresponding white connector of the adaptor harness.

Input Connection Non Sony® Equipped Truck

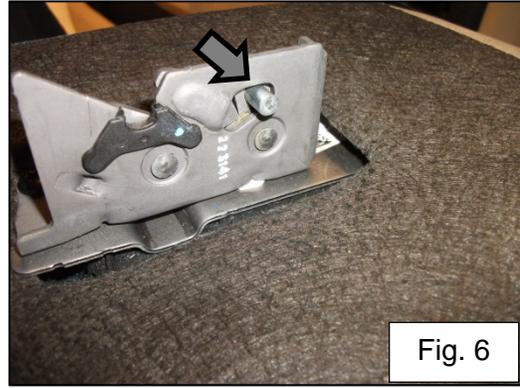
(For trucks equipped with Sony, skip to step 25)

12. Locate the black connector and find the twisted pair of wires that are **white** and **white/brown stripe**.
13. Install one of the supplied wire taps on each of the two wires using a pair of pliers.
14. Connect the **green wire of the adaptor harness to the white wire**. Connect the **brown wire of the adaptor harness to the white/brown stripe wire**. Fig. 5



Subwoofer Mounting Non Sony Equipped Trucks

15. Fold down the driver's side rear seatback by first raising the seat bottom to the up position. Reach behind the seat back approximately 5 inches from the outer edge of the seatback and approximately 7 inches below the top edge of the seat back. Feel for the mechanism pictured in Fig. 6 (Note: Orientation shown is with seatback already folded down) and locate the metal pin indicated by the arrow and pull up to release seatback. It may be necessary to gently push the seatback rearward while pulling up on the metal pin.



16. Fold down the passenger's side seatback using the normal seatback release.

17. Route the subwoofer harness along the back wall of the cab and tuck under edge of the carpeted panel on the back wall.

18. Using the measurements in described in Fig. 7 and Fig. 8, cut the carpet to reveal the lower mounting holes and to allow for the lower subwoofer brackets to sit flat against the floor pan.

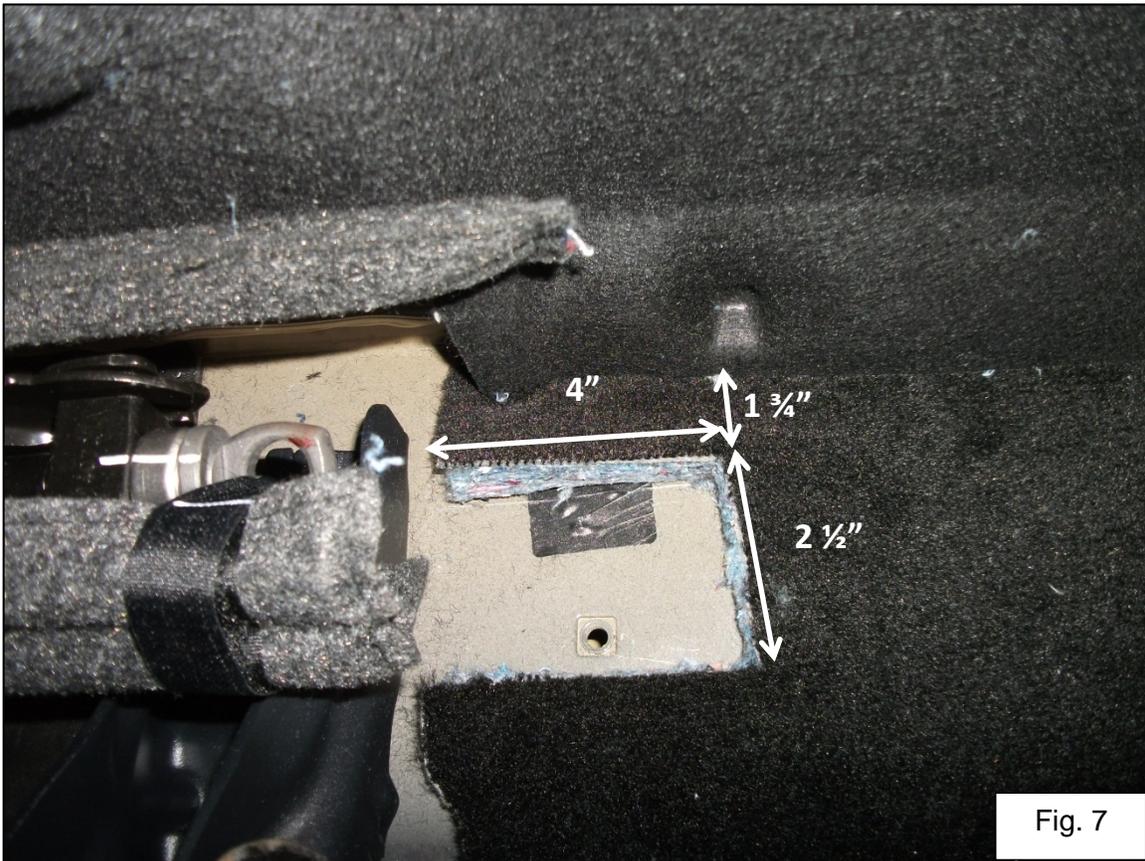




Fig. 8

19. Connect the subwoofer harness four pin connector to the subwoofer and engage the red locking tab by sliding sideways. Next connect the subwoofer harness ten pin connector to the subwoofer, engage the red locking tab and then attach the connector to the bracket as shown in Fig. 9
20. Set the subwoofer in place and line up the screw clips in the upper bracket with the rectangular holes in the back of the cab. Push against the bracket and snap the screw clips into the sheet metal. Fig. 10 **Note: There is no need to loosen the screws unless you need to remove the subwoofer for some reason.**



Fig. 9

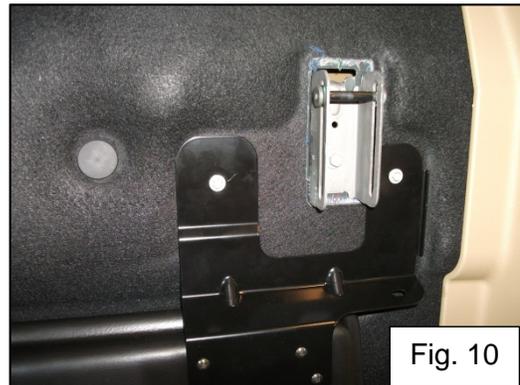
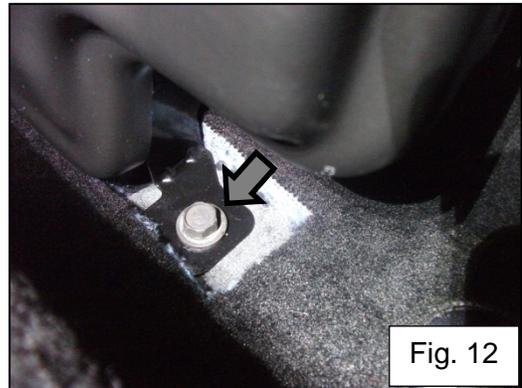
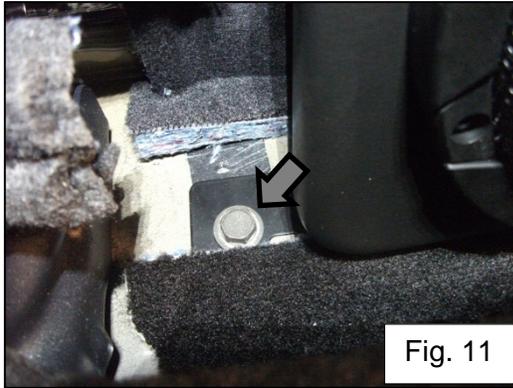


Fig. 10

21. Line up the lower subwoofer brackets and install the supplied bolts. Fig. 11 and Fig. 12



22. Reinstall all previously removed parts in reverse order.

23. Install supplied fuses into fuse holders.

24. Reconnect negative battery cable.

Input Connection for Sony® Equipped Truck

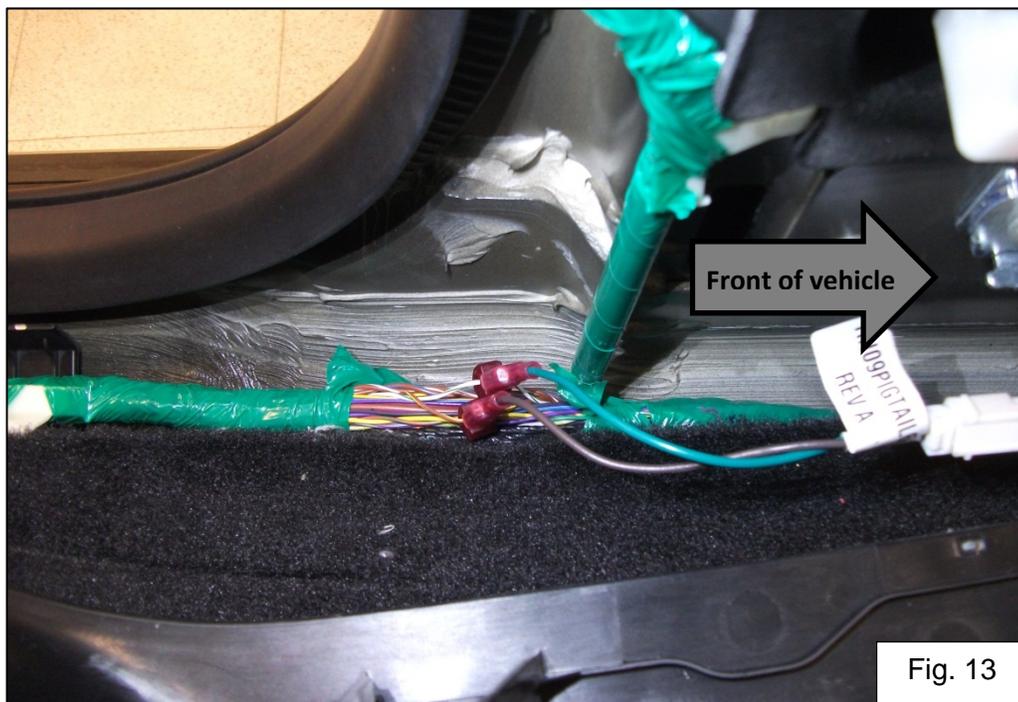
25. Remove the tape from the factory wire harness just behind the junction of the harness that proceeds up the B pillar post between the front and rear door opening on the driver's side of the vehicle. Fig. 13

26. Find the twisted pair of wires that are **brown/yellow stripe** and **white/green stripe**.

Note: These wires cannot be located in the factory harness forward of the junction.

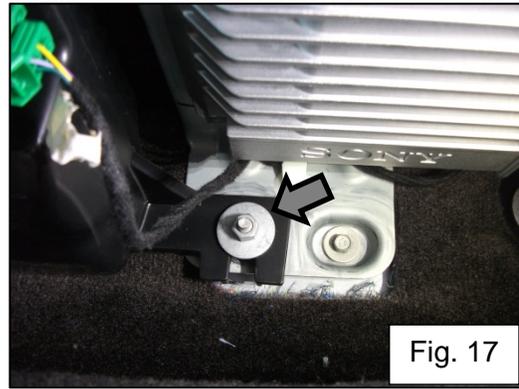
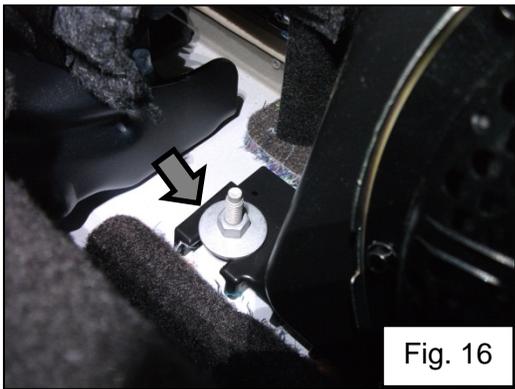
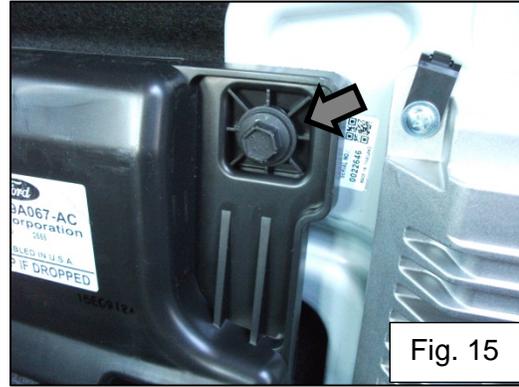
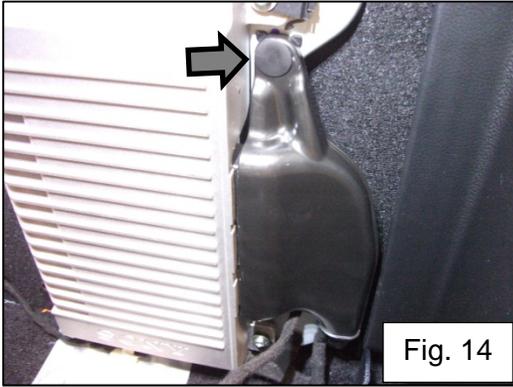
27. Install one of the supplied wire taps on each of the two wires using a pair of pliers.

28. Connect the **green wire of the adaptor harness to the white/green stripe wire**. Connect the **brown wire of the adaptor harness to the brown/yellow stripe wire**. Fig. 13

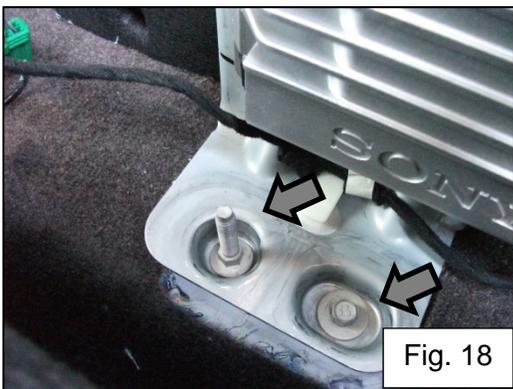


Sony Amplifier Relocation and Factory Subwoofer Removal (Sony Equipped Trucks Only)

29. Remove the retainer securing the factory amplifier connector cover and disconnect the amplifier connectors. Fig. 14
30. Remove the two nuts and one bolt securing the factory subwoofer. Disconnect factory subwoofer wiring and remove factory subwoofer. Fig. 15-17

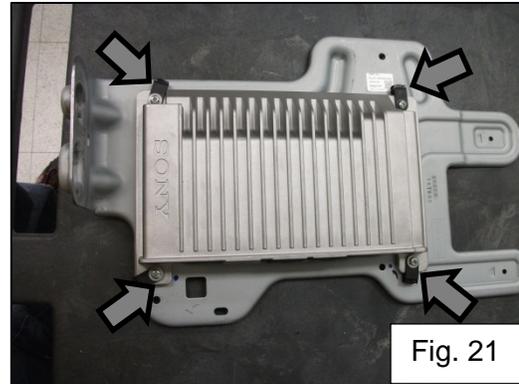
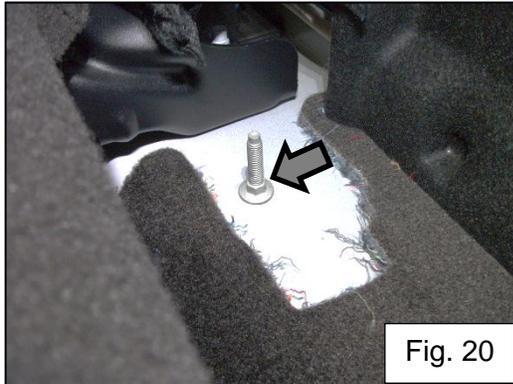


31. Remove the bolt (this bolt will be re-used), factory subwoofer stud and two screws (these two screws will be re-used) securing the factory amplifier bracket. You will also need to release the retainers securing the factory amplifier harness to the factory amplifier bracket. Remove the factory amplifier/bracket assembly. Fig. 18-19



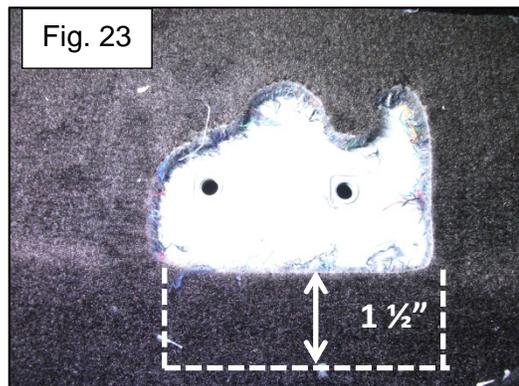
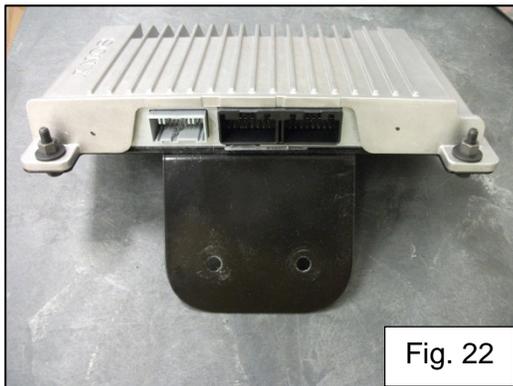
32. Remove the passenger side factory subwoofer mounting stud. Fig. 20

33. Remove the four screws securing the factory amplifier to its bracket. Fig. 21



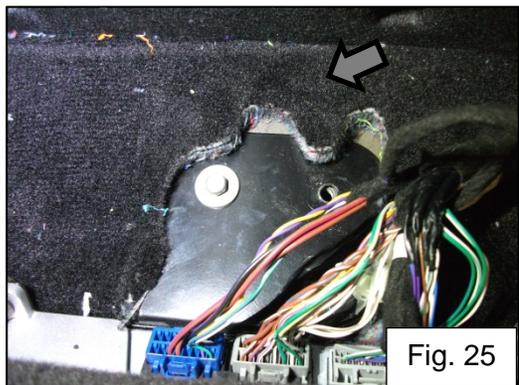
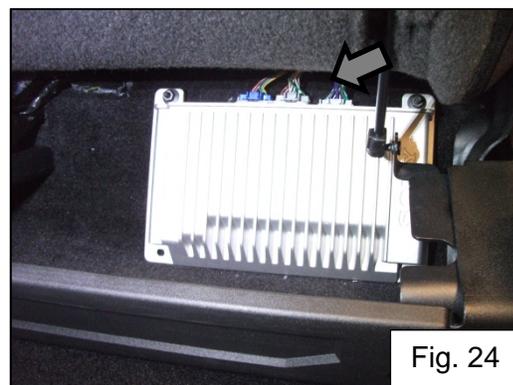
34. Install the factory amplifier on the relocation bracket using the supplied nuts (X2) and bolts (X2). Make sure the nuts are installed on the amplifier side as shown in Fig. 22

35. Cut the carpet section indicated in Fig. 23 and remove to allow the amplifier relocation bracket to install.

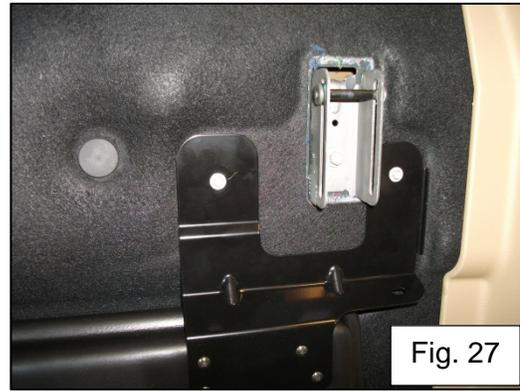
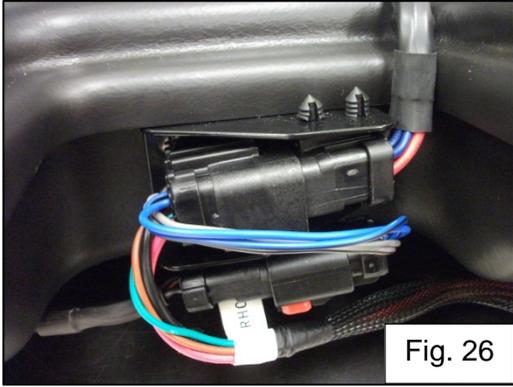


36. Install the amplifier relocation bracket underneath the driver's side rear seat as shown in Fig. 24. Line up the holes in the amplifier relocation bracket with the holes formally used to secure the factory subwoofer and factory amplifier bracket.

37. Install the factory amplifier bracket bolt removed earlier in the hole farthest from the driver's side and tighten while keeping the other hole centered. Fig. 25 The replacement subwoofer mounting bolt (supplied) will occupy the other amplifier bracket hole. Reconnect amplifier wiring.



38. Remove the two screw clips and screws from the replacement subwoofer mounting bracket. (These are only used for trucks not originally equipped with subwoofers)
39. Connect the subwoofer harness four pin connector to the subwoofer and engage the red locking tab by sliding sideways. Next connect the subwoofer harness ten pin connector to the subwoofer, engage the red locking tab and then attach the connector to the bracket as shown in Fig. 29
40. Secure the replacement subwoofer in place with the supplied bolts and with the factory amplifier bracket screws removed earlier. Fig. 27



41. Reinstall all previously removed parts in reverse order.
42. Install supplied fuses into fuse holders.
43. Reconnect negative battery cable.

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
No Subwoofer Output	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.
Radio Not Coming On	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. 6009, or support@kicker.com.



P.O. Box 459 • Stillwater, Oklahoma 74076 • USA • (405) 624-8510