



PF150SC15

Designed for 2015 and newer Ford F150 Super-Cab and Super-Crew vehicles without Sony® System



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Power Harness Routing

1. Disconnect negative battery cable.
2. Make sure supplied fuses are not installed in fuse holders and connect the amplifier power wire and subwoofer power wire to the stud pictured in figure 1. Torque to 10Nm
3. Route the power harnesses 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 harnesses into the cabin. Fig. 2

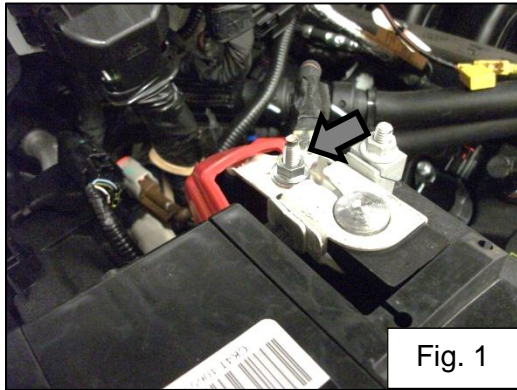


Fig. 1

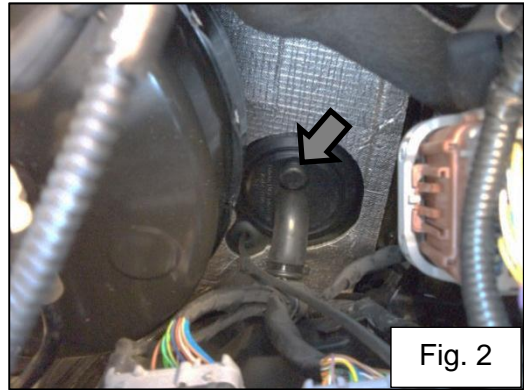


Fig. 2

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.**
6. Install the white three pin power connector on the amplifier power harness. **Note: The terminals can only be installed one way. If the terminal will not fully seat in the connector body, flip the terminal 180 degrees and reinsert. Any terminal can be installed into any position on the three pin connector.**

Radio Removal

7. Remove the center speaker grill by prying up and remove the two screws. **Note: Some vehicles may be equipped with only a tray. If so, remove the rubber liner and remove the two screws that were beneath it.** Fig. 3
8. Remove the upper tray/center speaker assembly and disconnect wiring.
9. Remove the two screws securing the top of the radio bezel. Fig 4
10. Snap loose radio bezel and disconnect wiring.

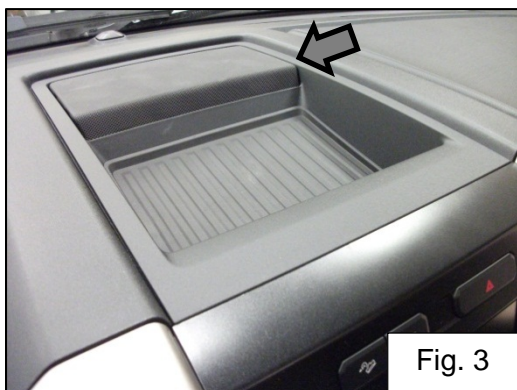


Fig. 3

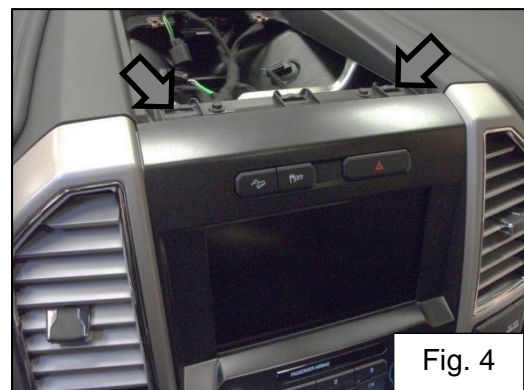
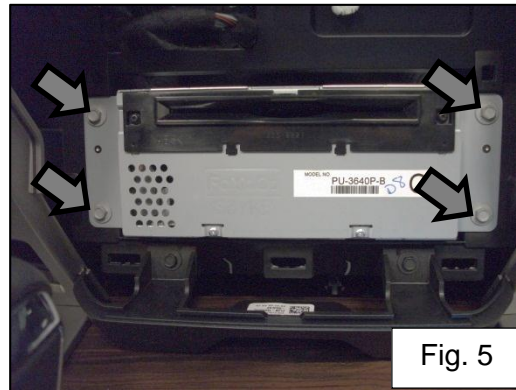


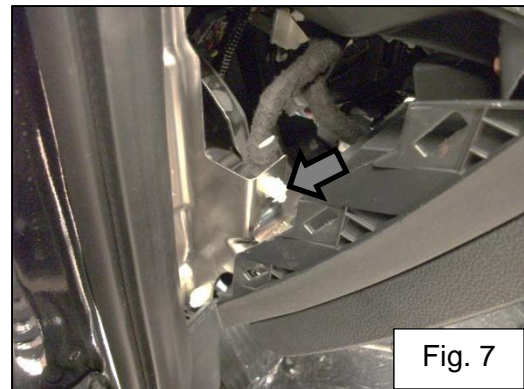
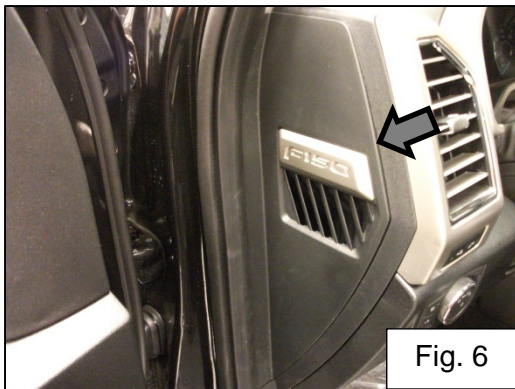
Fig. 4

11. Remove the four screws securing the radio/cd unit. Remove the unit and disconnect wiring. Fig. 5

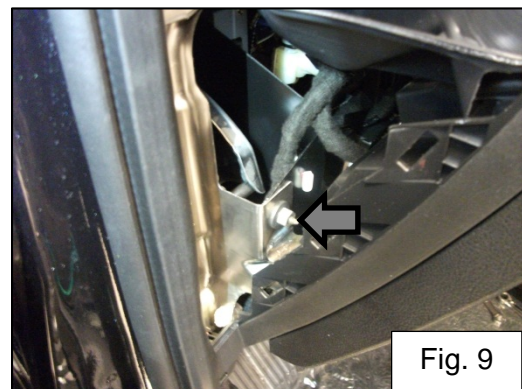
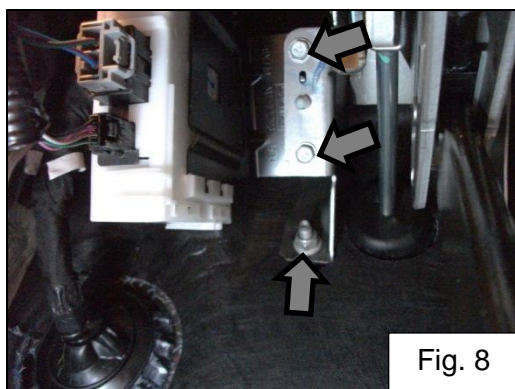


Multi-Channel Amplifier Installation

12. Pull loose the dash end trim panel on the driver's side of dash. Fig. 6
13. Pry loose the factory wire retainer pictured in Fig. 7.

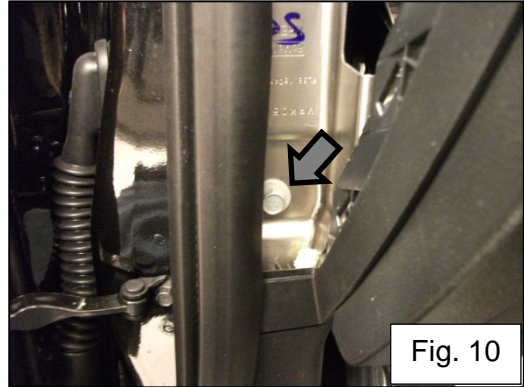


14. Remove the two screws securing the module to the left of the brake pedal. Move module out of way temporarily to allow for amplifier installation. Remove the lower left nut securing the brake pedal bracket. Fig. 8
15. Install the amplifier/bracket assembly over the brake pedal bracket stud and loosely install the nut.
16. Line up the rear mounting hole of the amplifier/bracket assembly with the hole where the factory wire retainer was removed in step 13. Secure the rear of the amplifier bracket assembly using the supplied nut and bolt. Reinstall the plastic wire retainer in the hole provided in the amplifier bracket. Fig. 9
17. Tighten the brake pedal bracket nut and reinstall the module removed earlier.



Amplifier Harness Routing

18. Route the multi-channel amplifier harness from the radio opening to the amplifier in a way that will not interfere with the reinstallation of the radio/cd unit.
19. Connect the corresponding radio/cd unit connector to the multi-channel amplifier harness. Connect the multi-channel amplifier harness connector to the radio/cd unit. Reconnect all other radio/cd unit connectors and reinstall the radio into the dash.
20. Connect the two white multi-channel amplifier connectors to the amplifier.
21. Connect the multi-channel amplifier harness white three-pin power connector to the three-pin power harness connector.
22. Connect the subwoofer harness black two-pin power connector to the power harness black two-pin connector.
23. Connect the black ground wire of the multi-channel amplifier harness and the subwoofer harness to the bolt above the driver's kick panel. Torque to 10Nm Fig. 10

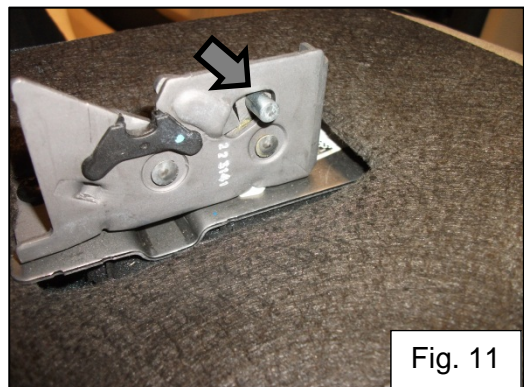


Subwoofer Harness Routing

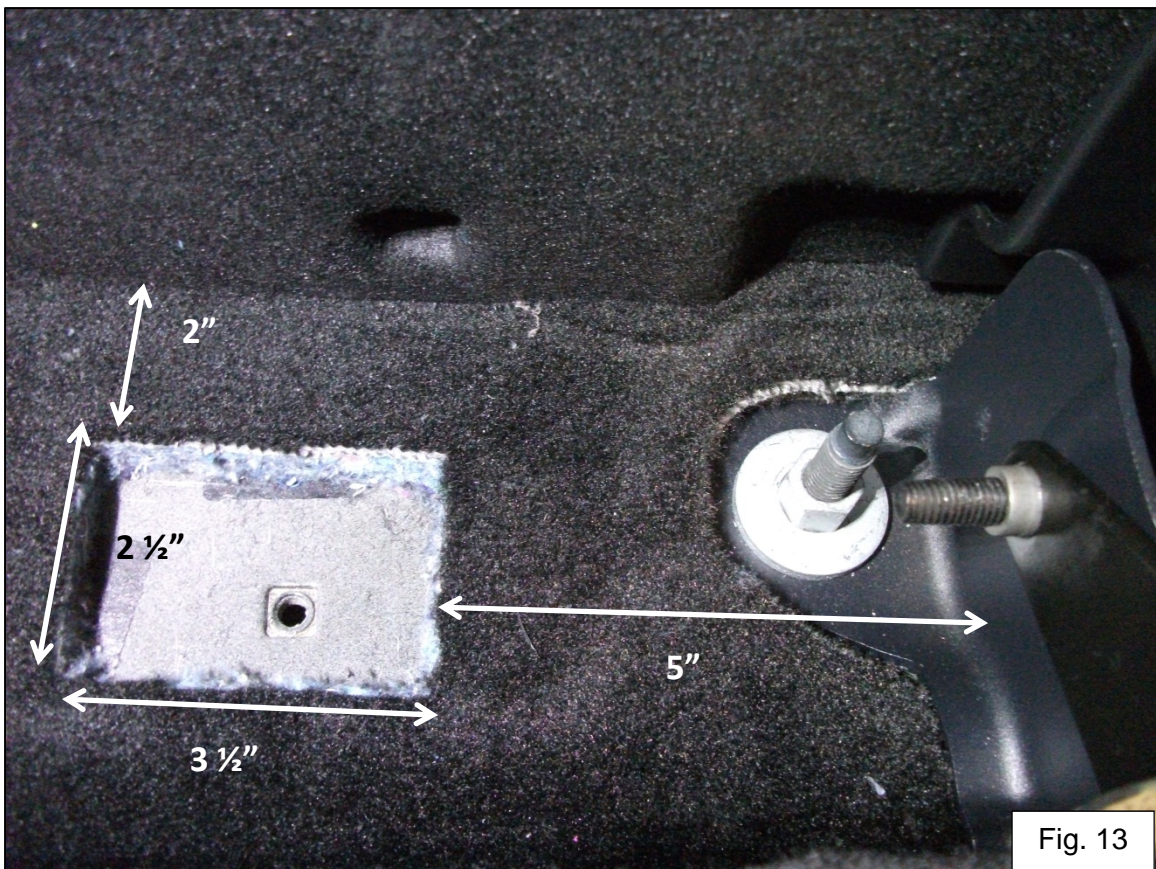
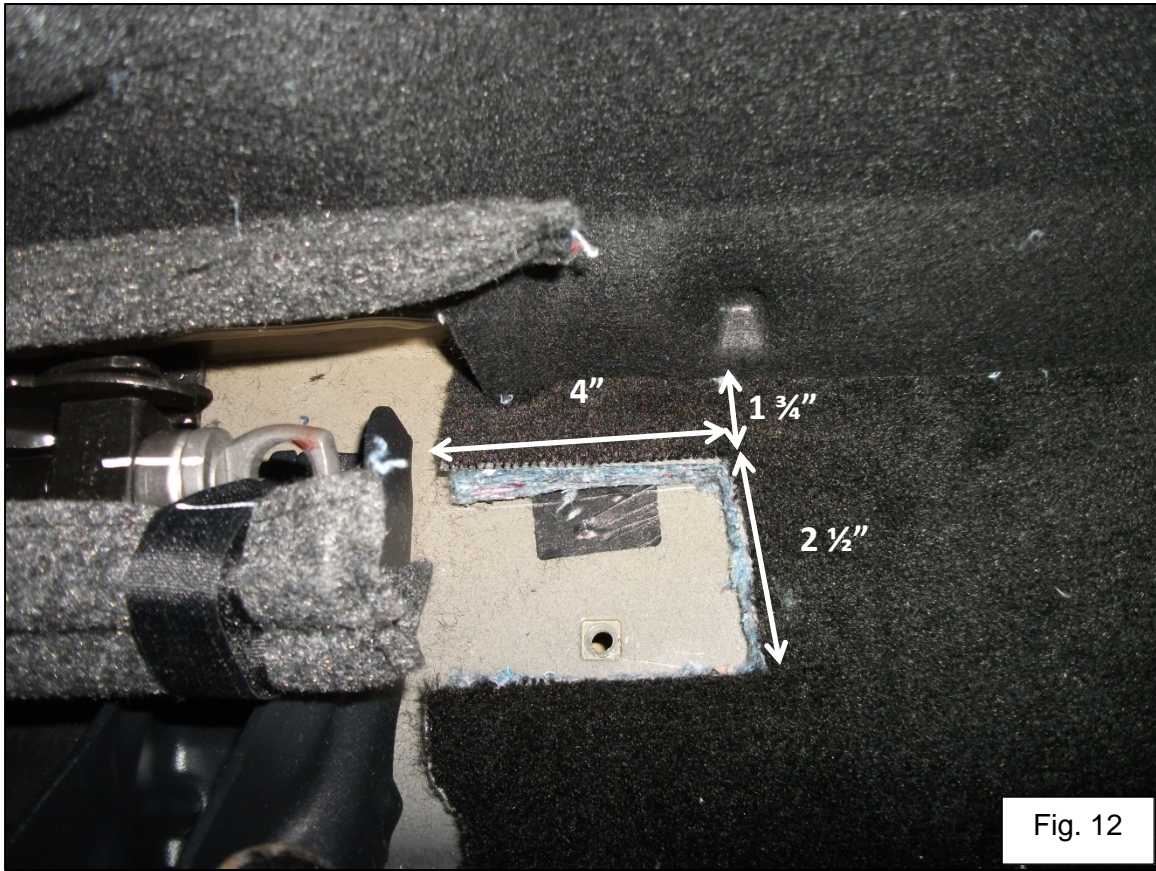
24. Remove the driver side front and rear threshold panel along the bottom of the door opening by prying up.
25. Snap loose the driver's side kick panel.
26. Connect the subwoofer harness white two pin signal input connector to the corresponding white connector on the multi-channel amplifier harness.
27. Route the subwoofer harness along the driver's side door openings and toward the back of the cab.

Subwoofer Mounting

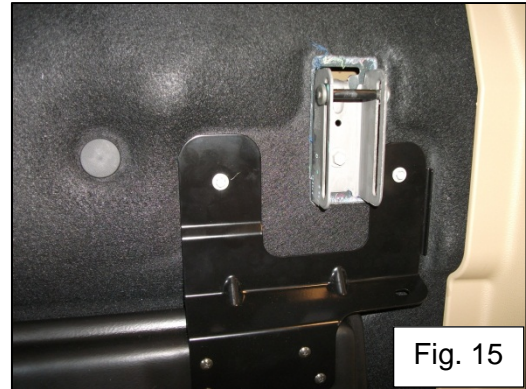
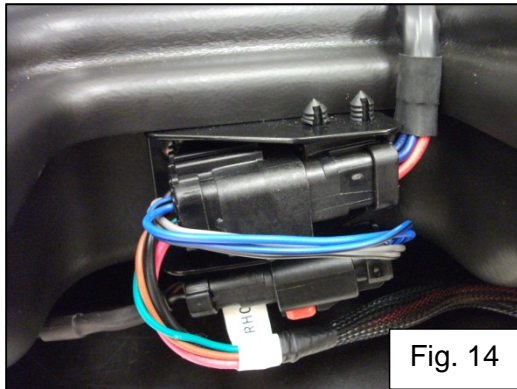
28. Fold down the driver's side rear seatback by first raising the seat bottom to the up position. Reach behind the seat back approximately 5 inches from the outer edge of the seatback and approximately 7 inches below the top edge of the seat back. Feel for the mechanism pictured in Fig. 11 (**Note: 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.
29. Fold down the passenger's side seatback using the normal seatback release.
30. Route the subwoofer harness along the back wall of the cab and tuck under edge of the carpeted panel on the back wall.



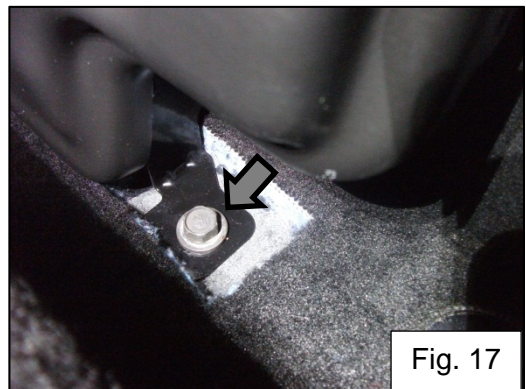
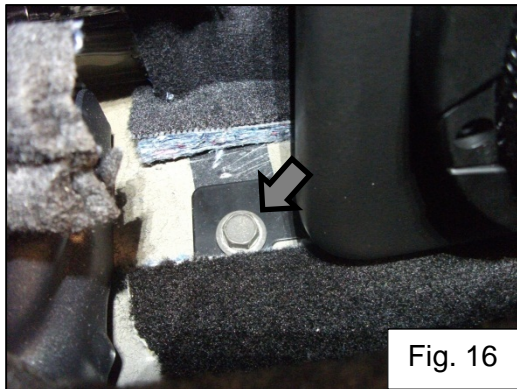
31. Using the measurements in described in Fig. 12 and Fig. 13, cut the carpet to reveal the lower mounting holes and to allow for the lower subwoofer brackets to sit flat against the floor pan.



32. 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. 14
33. 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. 15 **Note: There is no need to loosen the screws unless you need to remove the subwoofer for some reason.**



34. Line up the lower subwoofer brackets and install the supplied bolts. Torque to 42Nm Fig. 16 and Fig. 17



35. Reinstall all previously removed parts in reverse order.
36. Install supplied fuses into fuse holders.
37. Reconnect negative battery cable. Torque to 7Nm.

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.

There is a problem with the multi-channel stereo amplifier:

- 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 see if it is plugged in completely and not blown.
- Check the multi-pin connectors at the back of the radio and at the amplifier chassis to make sure they are plugged all the way in.
- Check the ground wire connection to make sure it is tightly secured to the proper ground in the vehicle.

Symptom	Possible Cause	Solution
No Subwoofer Output	Fuse not installed in inline fuse holder on subwoofer and/or amplifier power 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 ground
	Balance and/or fader controls not set to neutral position	Set balance and fader control to center settings. (only affects 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 connectors.
Radio Not Coming On	Blown radio fuse	Refer to owner's manual for radio fuse location and value
	Low battery voltage	Recharge the battery
Radio Comes On, But No Sound From Any Speakers	Fuse not installed in inline fuse holder on amplifier harness	Install fuse into fuse holder. Refer to instructions for correct placement
	Ground wire not grounded properly	Check ground wire with voltmeter to insure it is a good ground

If you continue to experience problems after troubleshooting, please contact KICKER Technical Support at (800) 256-0808 ext. 6009, or support@kicker.com.



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