



PF150S09

Designed for 2009–2010 Ford® F-150 Super-Cab vehicles

Subwoofer Assembly



Subwoofer Power Harness



Subwoofer Body Harness



M6 Bolts x3
M8 Bolts x3
M8 Nut Inserts x3
(Requires Nut Insert Tool)
Wire Taps x2
Adapter Harness



25A Fuse
Wire Ties x6
Foam Strips
M6 Speed Clips x3
Adhesive Covers x3

Amplifier Assembly



Amplifier Body
Harness



Amplifier Power
Harness



25A Fuse
Wire Ties x6



Radio Removal (Trucks with Console Mounted Shifter)

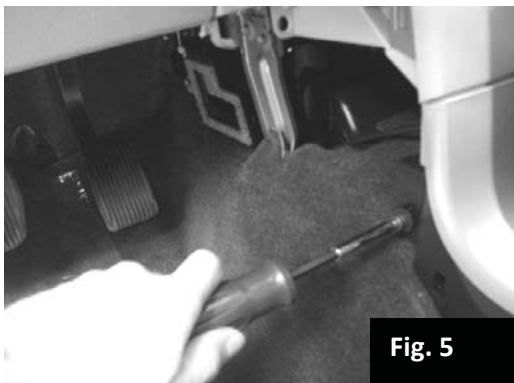
1. Set the parking brake.
2. Turn the ignition switch to the run position (do not start).
3. Shift the transmission to "Neutral".
4. Lift up on the shifter bezel to remove. Fig. 1
5. Return transmission to park and turn ignition switch to off.
6. Open the hood, disconnect the negative battery cable
7. Pull loose the rubber tray above the radio and remove the two screws beneath it. Fig. 2



8. Remove the two screws on the top front of the console. Fig. 3
9. Remove the panel on both sides of the console by pulling it loose. Fig. 4

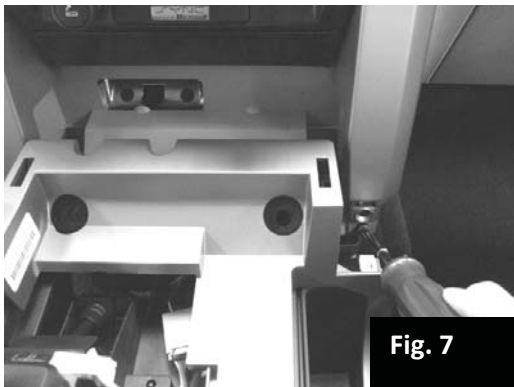


10. Remove the screw on each side of the console toward the front. Fig. 5
11. Slide both front seats all the way forward. (For trucks with power sliding seats temporarily reconnect the negative battery cable in order to move seats.)
12. Remove screw on each side of the rear of the console. Fig. 6



13. Slide the console back approximately three inches to allow access to the screws securing the bottom of the left and right vent assemblies and remove the screws. Fig. 7

14. Remove the two screws in the top of the instrument cluster bezel. Fig. 8



15. Pull the bezel loose, but do not completely remove. The bezel just needs to be loose enough to allow the left vent assembly to be removed.

16. Pull loose the left vent assembly and remove. Fig. 9

17. Open the glove compartment and squeeze the sides inward to allow it to fold all the way down.

18. Find the three bolts securing the passenger side airbag assembly and remove them. Fig. 10



19. Pull the air bag assembly out approximately three inches to gain access to the screw securing the top of the right vent assembly and remove the screw. Place a towel under the airbag assembly to prevent it from scratching the dash. Fig. 11

Do Not Disconnect Any Airbag Wiring.

20. Pull the right vent assembly loose and disconnect wiring.

21. Pull loose the small trim panel below the radio. Fig. 12



22. Carefully pry loose the aux. input panel with a pick tool or small flat screwdriver, disconnect wiring and remove the screw retaining the radio bezel. Fig. 13
23. Pull loose the radio bezel and disconnect wiring. Fig. 14
24. Remove the four screws securing the radio, remove radio and disconnect wiring.

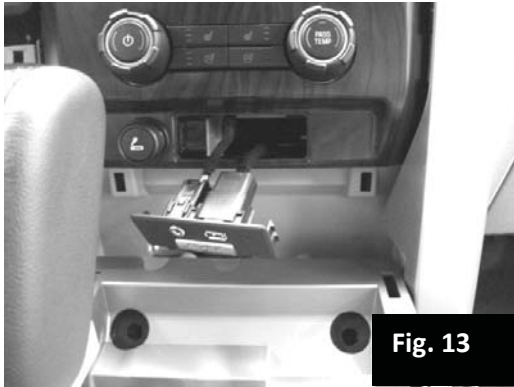


Fig. 13

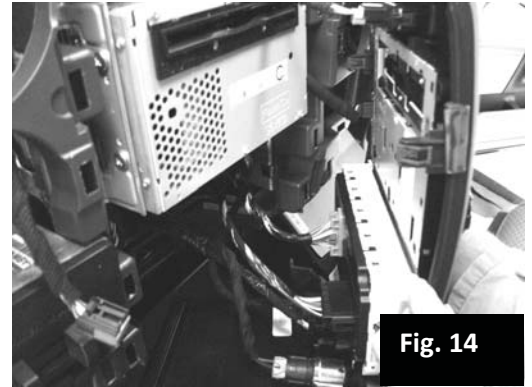


Fig. 14

Radio Removal (Trucks with Column Mounted Shifter)

25. Pull loose the rubber tray above the radio and remove the two screws beneath it. Fig. 15
26. Remove the two screws in the top of the instrument cluster bezel. Fig. 16



Fig. 15



Fig. 16

27. Pull the bezel loose, but do not completely remove. The bezel just needs to be loose enough to allow the left vent assembly to be removed.
28. Pull loose the left vent assembly and remove. Fig. 17
29. Open the glove compartment and squeeze the sides to allow it to fold all the way down.
30. Find the three bolts securing the passenger side airbag assembly and remove it. Fig. 18



Fig. 17

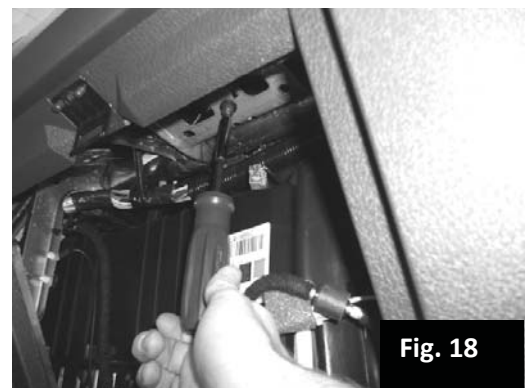
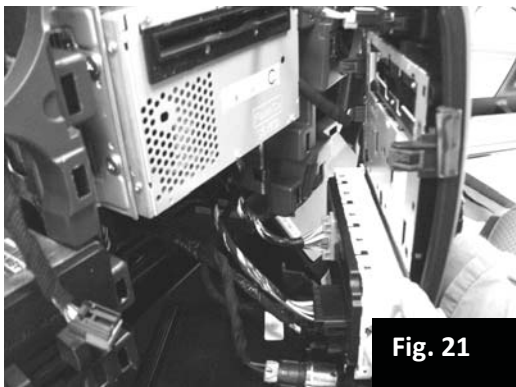


Fig. 18

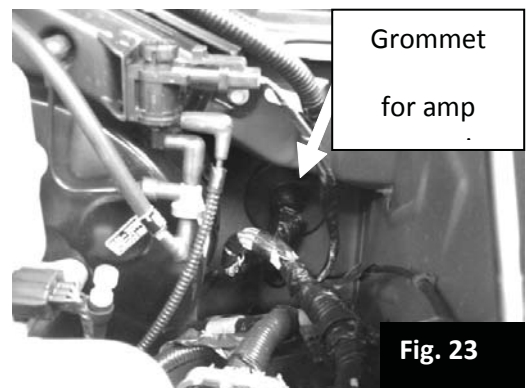
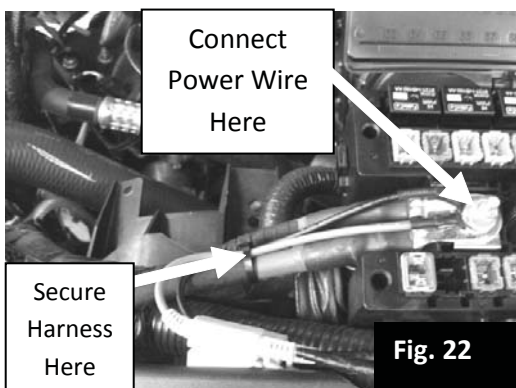
31. Pull the air bag assembly out approximately three inches to gain access to the screw securing the top of the right vent assembly and remove the screw. Place a towel under the airbag assembly to prevent it from scratching the dash. Fig. 19
32. Pull the right vent assembly loose and disconnect wiring.
33. Remove the four screws securing the pocket below the radio. Fig. 20



34. Pull loose the radio bezel and pocket assembly and disconnect wiring. Fig. 21
35. Remove the four screws securing the radio, remove radio and disconnect wiring.

Power Wire Routing

36. Find the fuse box in the engine compartment and open the cover.
37. Remove the nut on the accessory lug, connect the power wires and retighten the nut. Torque to 9Nm. Fig. 22
38. Route the power wires across the radiator support and toward the grommet on the driver's side of the firewall. Secure with supplied wire ties. Fig. 23



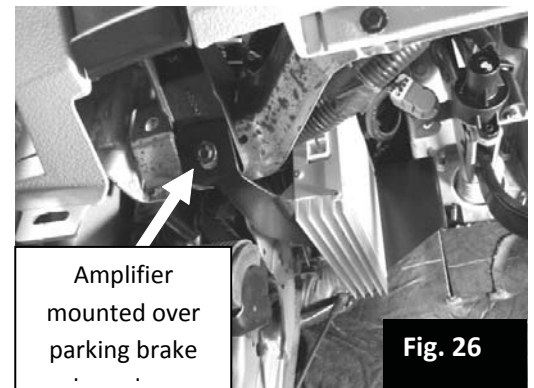
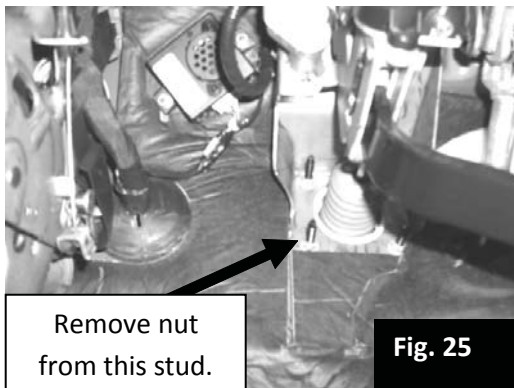
Place your warranty card in the glove box for future use.

39. Make a small incision in the rubber grommet and pass the power wires into the cabin.
40. Remove the driver's side threshold panel along the bottom of the front door opening.
41. Pull back the rubber door molding and then pull back on the kick panel to remove it. Fig. 24

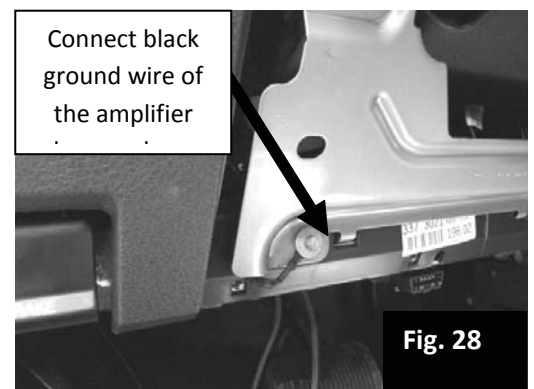


Amplifier Harness Routing

42. Route the amplifier body harness from the radio opening down to the area in front of the brake pedal. The white connectors connect to the amplifier.
43. Connect the radio speaker/power connector to the amplifier harness.
44. Connect the other end of the amplifier body harness to the back of the radio, reconnect the other radio connections, then reinstall radio.
45. Connect amplifier body harness to the amplifier.
46. Remove the lower left nut securing the brake booster to the fire wall. Fig. 25
47. Remove the screw securing the parking brake release handle.
48. Slide the amplifier bracket over the brake booster stud and then line up the hole in the front of the bracket with the hole in the parking brake release then reinstall the parking brake release screw. Fig. 26



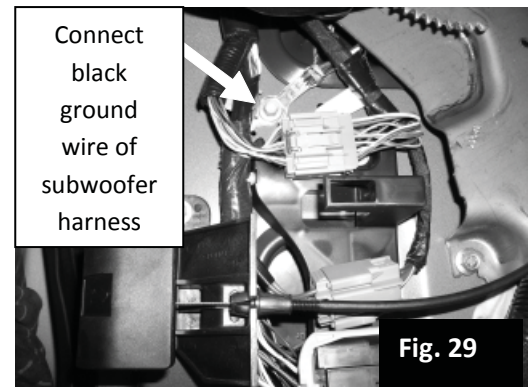
49. Reinstall the brake booster nut and tighten. Torque to 25Nm. Fig. 27
50. Remove the three screws securing the plastic panel below the steering column and then snap loose.
51. **IMPORTANT:** Ground the black ground wire of the amplifier harness to the lower left bolt securing the metal knee bolster. Torque 14Nm. Fig. 28



52. Install the white three pin connector on the end of the amplifier power harness inside the cabin. It does not matter what order the three wires are in on the three pin connector but the terminals can only be inserted one way. If the terminal will not go into the connector simply turn it 180 degrees and try again. Push the terminals in until they click and lock into place. Install the black two pin connector on the end of the subwoofer power harness inside the cabin. The black connector should have a block out plug installed in one side to prevent the power wire from being inserted into the wrong position in the connector.
53. Connect the white three-pin connector of the amplifier harness to the corresponding connector of the amplifier power harness.
54. Connect the black two-pin connector of the power wire to the corresponding connector of the subwoofer harness.

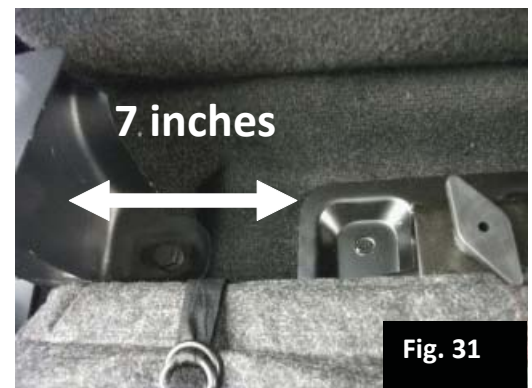
Subwoofer Installation

55. Connect the black ground wire of the subwoofer harness to the factory ground point in the driver's side kick panel. Torque to 9Nm. Fig. 29
56. Route the subwoofer harness along the door opening and toward the rear of the cab.
57. Connect the white two-pin connector of the amplifier harness to the corresponding connector of the subwoofer harness.



Jack Relocation

58. Remove the three bolts securing the jack mounting plate.
59. Move the plate and jack to the passenger's side rear seat area and push it back until the tool bag touches the front of the seat frames. Make sure the jack mounting plate is oriented the same way it was originally with two mounting holes toward the rear of the truck and one toward the front. Fig. 30
60. Measure over exactly seven inches from the inside of the seat frame to the edge of the jack mounting plate. It is important that this measurement be accurate. Mark the three mounting holes with a marker and then drill a 1/8 inch pilot hole in the center of each of the three mounting holes. Fig. 31



61. Remove the jack and mounting plate and tape the paper template to the carpet lining up the three marks with the corresponding markings on the template. Fig. 32

62. Cut the carpet along all the dotted lines on the template. When you are finished you will have two flaps, one large and one small. Pull back the two flaps and cut away all the carpet insulation beneath. Fig. 33

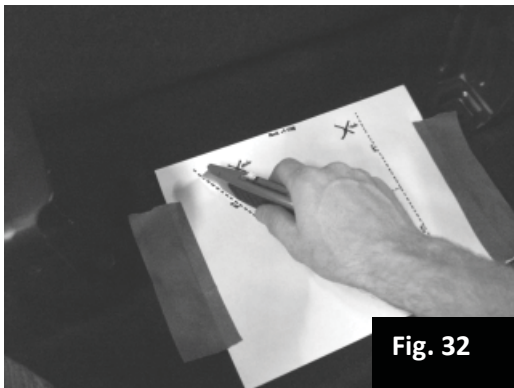


Fig. 32

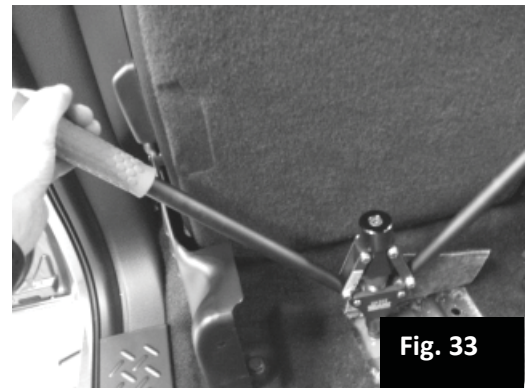


Fig. 33

63. Find the three pilot holes drilled earlier and drill a 17/32" hole at each location.

64. Install the supplied nut insert using an appropriate insert installation tool.

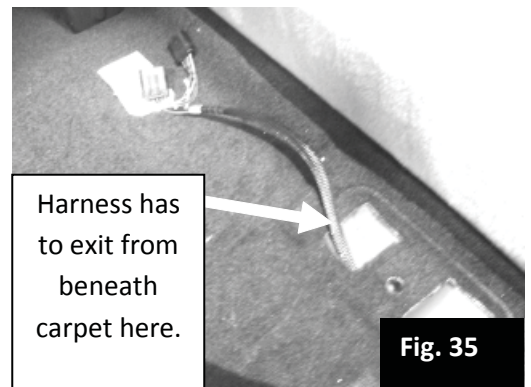
65. Secure the mounting plate with the supplied M8 bolts. Torque to 15ft/lbs.

66. Install the supplied adhesive covers over the holes in the floor pan where the jack used to mount to prevent water from entering the cabin. Fig 34.

67. Route the subwoofer harness through the hole in the carpet where the jack was located closest to the center of the truck. It's important to route the harness through the hole closest to the center of the vehicle to avoid interference with the subwoofer. 35.



Fig. 34



Harness has
to exit from
beneath
carpet here.

Fig. 35

Subwoofer Installation

68. Connect the subwoofer harness to the subwoofer. Pull any slack in the harness toward the door opening and secure any excess harness to the factory wiring along the door opening with supplied wire ties.
69. Install the supplied M6 speed clips over the holes in the seat frame that correspond to the holes in the subwoofer mounting brackets.
70. Line the bracket up with the holes in the seat frame and secure with the supplied M6. Fig. 36
71. Install the supplied decal over the bolt on the back of the subwoofer enclosure.
72. Install fuses into fuse holder.
73. Reinstall all previously remove parts in reverse order.
74. Reconnect negative battery cable.



Troubleshooting the Kicker Integrated Systems

If you experience a problem once the Subwoofer is 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 +12Volt 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 buzz or rattle noise that accompanies the low frequency element of the music:

- Check for a connector or any other object that could be very near the enclosure.
- Check the subwoofer enclosure mounting brackets to make sure they are secure.

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 ground
	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
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
	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.



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