

KICKER®

VEHICLE SPECIFIC SOLUTIONS

VSS

SWRA211

Designed for 2011 -2014 Jeep® Wrangler two door with base audio or premium audio

T-TAP x2
10MM BOLT
FUSE
WIRE TIES x6

SUBWOOFER ASSEMBLY



200 WATT AMP
BRACKET ASSEMBLY



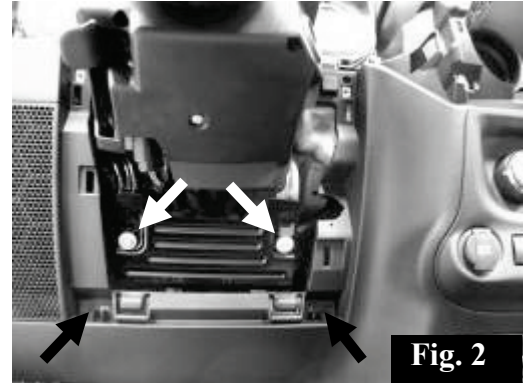
POWER HARNESS



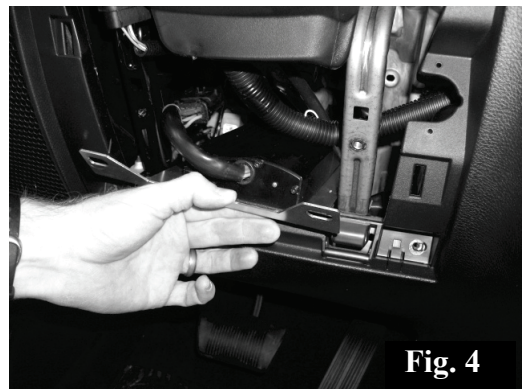
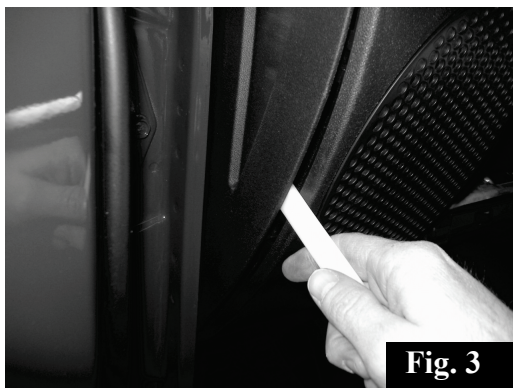
OVERLAY HARNESS

Amp Installation

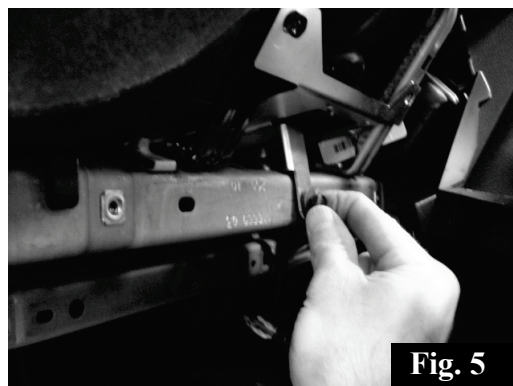
1. Disconnect the negative battery cable.
2. Gently pull out on the panel just below the steering column, rotate down and remove. Fig. 1
3. Remove the two 7mm screws securing the plastic panel below the steering column indicated by the arrow in Fig. 2, and the one 7mm screw near the kick panel. Also, remove the two 10mm bolts securing the metal plate and remove plate.



4. Remove the dash end panel by prying loose with a panel removal tool. Fig. 3
5. Install the amp into position by lining up the holes in the amp bracket with the two holes for the bolts that retained the metal plate. Fig. 4

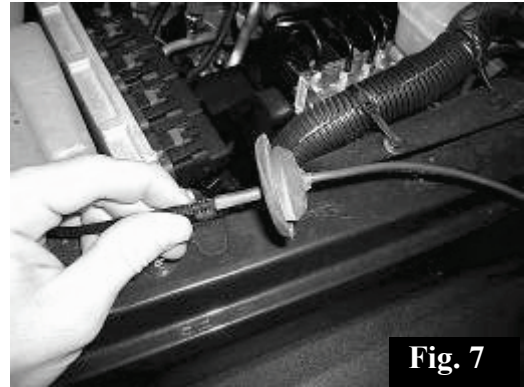
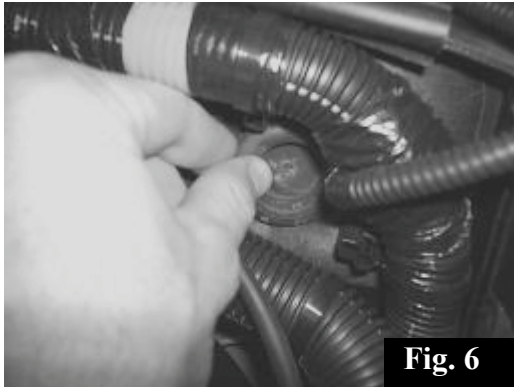


6. Install the supplied 10mm bolt into the bottom hole and leave loose. Fig. 5
7. Reinstall the metal plate over the top of the amp bracket and replace the factory bolts and tighten.
8. Tighten the bottom bolt.

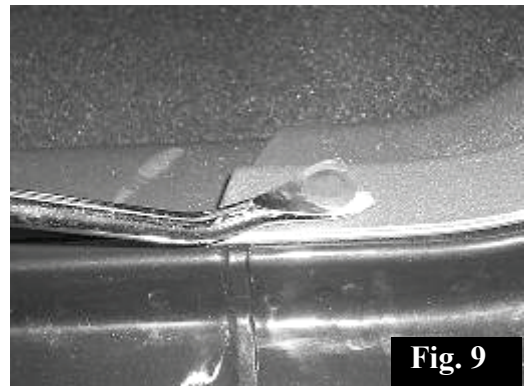
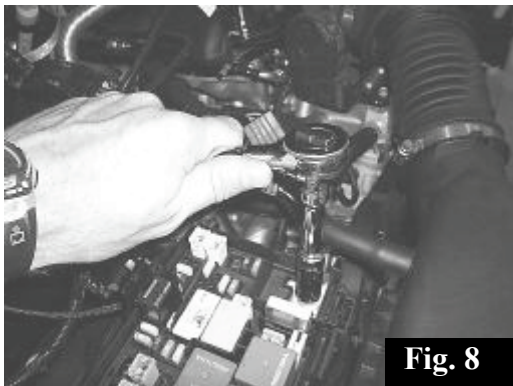


Wire Harness Installation

9. Find the rubber grommet in the top driver's side of the fire wall underneath the hood and remove it. Fig. 6
10. Using a razor knife make a small cut in the center of the grommet. Pass the end of the wire with the small terminal on the end through the grommet and pull the grommet up to the point where the plastic sheathing starts. Fig. 7
11. Run the wire through the grommet hole in the fire wall and reinstall the grommet.
12. Run the wire along the top of the fire wall toward the battery and secure with wire ties.



13. Remove the top of the fuse cover and using a 13mm socket and ratchet loosen and remove the nut on the positive battery accessory lug. Fig. 8
14. Connect the ring terminal of the power harness to the lug and retighten the nut. Torque to 10Nm.
15. Using a panel removal tool remove the four plastic retainers (three in front door opening and one in rear door opening) securing the driver's side sill plate and B pillar post cover. Fig. 9
16. Gently pull the kick panel/sill plate toward the brake pedal to release the fasteners securing it.



17. Connect the ten pin connector of the harness to the amplifier. Slide the red locking tab over to prevent the connector from accidentally coming disconnected.
18. Route the harness along the bottom of the front and rear door jam and toward the back seat.

Subwoofer Input Connection without optional amplifier installed

19. Locate the left front lower dash speaker wires on the back of the plastic speaker housing. The wire colors are gray with a yellow stripe and gray with a purple stripe.

20. Install one of the self stripping t-tap connectors on to each wire. Lay the wire in the open channel, fold the connector body over and squeeze with a pair of pliers until connector snaps shut. Fig. 10
21. Connect the subwoofer harness input wires to the t-tap connectors. The green wire (positive) of the harness connects to the t-tap connector on the gray wire with the yellow stripe in the vehicle. The brown wire (negative) of the harness connects to the t-tap connector on the gray wire with the purple stripe in the vehicle.

Subwoofer Input Connection with optional five-channel amplifier installed

22. Connect the green wire of the of the subwoofer harness to the green wire of the 4.1 amplifier harness. Connect the brown wire of the subwoofer harness to the brown wire of the 4.1 amplifier harness.

Subwoofer Input Connection for Premium Audio vehicles with factory eight-channel amplifier installed

23. Locate the 16 pin connector on the amplifier behind the left front speaker housing. Find the green/brown stripe wire and the gray/brown strip wire in this connector and install one of the self stripping t-tap connectors on to each wire. Lay the wire in the open channel, fold the connector body over and squeeze with a pair of pliers until connector snaps shut. Fig. 10
24. Connect the green wire of the subwoofer harness to the gray/brown strip wire. Connect the brown wire of the subwoofer harness to the green/brown stripe wire.

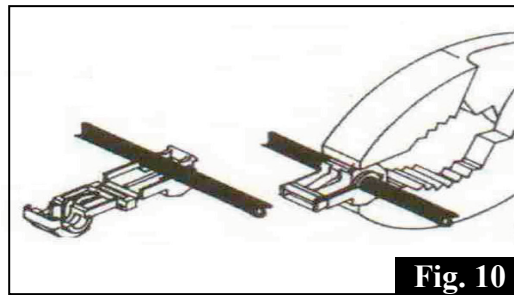


Fig. 10

25. Install the supplied two pin connector by inserting the terminal on the end of the power wire into the back of the connector until it clicks and locks. Fig. 11
26. Depress the blue terminal retainer down in the center of the connector.
27. Remove the bolt securing the support brace under the steering column and connect the ground wire as shown in Fig. 12. Torque to 8Nm.

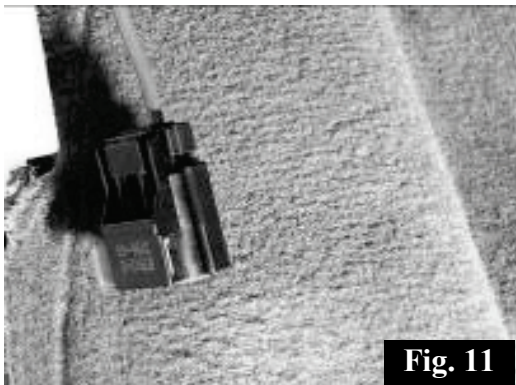


Fig. 11

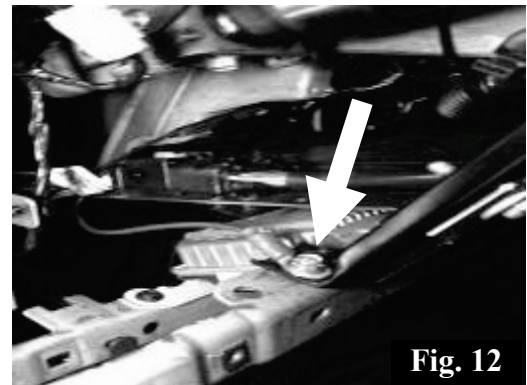


Fig. 12

28. Run the wire harness along the floor under the rear seats to approximately the middle of the vehicle and pull the end of the harness under the seat to the cargo area.
29. Set the subwoofer in place and then connect the wire harness.
30. Align the mounting bracket with the anchor points at the bottom of the seat and press the enclosure down until it locks into place. Fig. 13
31. To remove the subwoofer, press the tabs on each side of the mounting bracket while lifting up. Disconnect wiring. Fig. 14.
32. Reinstall all previously removed parts in reverse order
33. Install supplied fuses in the fuse holders under the hood.
34. Reconnect the negative battery cable. Torque to 5Nm.



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 securely connected to the correct 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 subwoofer or the enclosure.
- Check the subwoofer enclosure mounting brackets to make sure they are secure.

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 amp harness	Install fuse(s) into fuse holder(s). 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
	Signal input connector not connected properly	Connect signal wire of subwoofer harness to signal wire of amplifier harness or factory speaker wire depending on application. Check for loose connection
	Balance 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 connections.
Radio not coming on	Radio connector not properly/completely connected	Check radio connector to insure it is completely seated
	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
	Radio connector not properly/completely connected	Check radio connector to insure it is completely seated
	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 with this list, 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