



**Audio System Upgrade Package
2011-UP Jeep Wrangler 4-Door
10" Subwoofer Kit**

Installation Instructions

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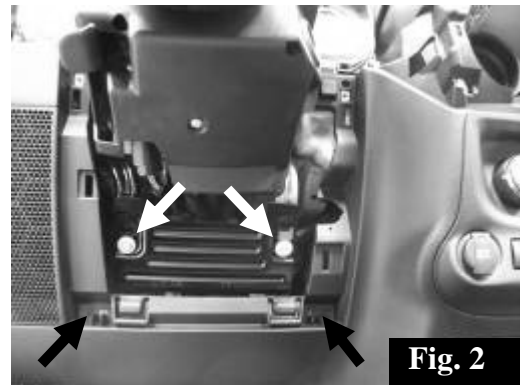
P/N RUWRANGLER
P/N RM11JKBTL - Bracket
P/N RE08BTL200R -Amp
P/N RHWRANGLERPWR
P/N RHWRANGLER
P/N RFTTAPB
P/N RFM6
P/N RFUSE30
P/N RFZIP6
P/N RBI77KCK052

TOOLS REQUIRED:

**Ratchet
13mm Socket
10mm Socket
Phillips Screwdriver
Pliers
Panel Removal Tool**

Amp Installation

1. Gently pull out on the panel just below the steering column, rotate down and remove. Fig. 1
2. 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.





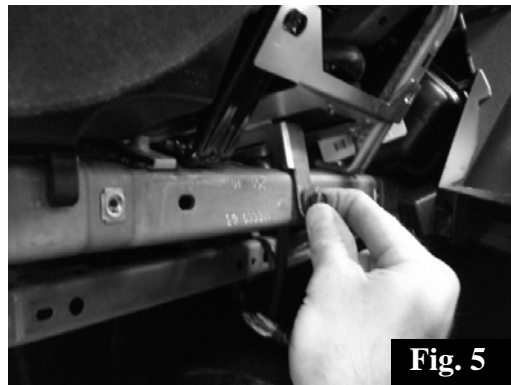
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- 3. Remove the dash end panel by prying loose with a panel removal tool. Fig. 3**
- 4. Install the amp into position by lining up the holes in the amp bracket with the two holes for the bolts that retained the metal plate. Fig. 4**



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



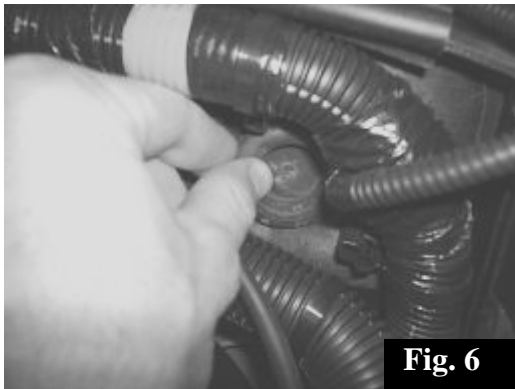


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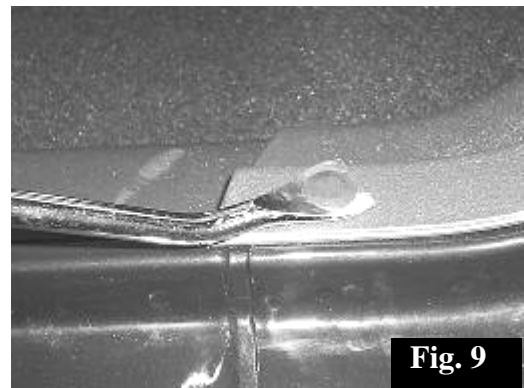
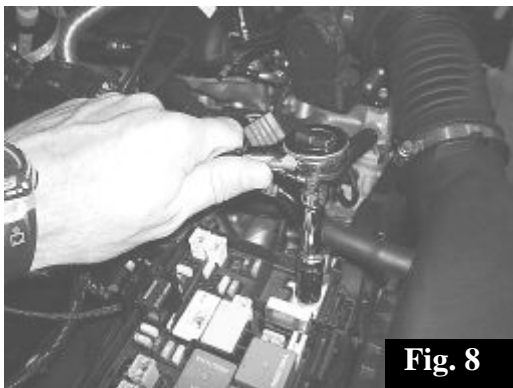
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Wire Harness Installation

8. Find the rubber grommet in the top driver's side of the fire wall underneath the hood and remove it. Fig. 6
9. 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
10. Run the wire through the grommet hole in the fire wall and reinstall the grommet.
11. Run the wire along the top of the fire wall toward the battery and secure with wire ties.



12. 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
13. Connect the ring terminal of the power harness to the lug and retighten the nut.
14. 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
15. Gently pull the kick panel/sill plate toward the brake pedal to release the fasteners securing it.





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16. 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.
17. Route the harness along the bottom of the front and rear door jam and toward the back seat.

NOTE: It's important to follow the correct subwoofer input wire connection for your specific application to ensure proper function and optimum performance of the subwoofer system.

Subwoofer Input Connection for Base Audio

18. 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. Fig. 9
19. 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

Tip: Once these connections have been made you might want to test the wire with an inexpensive test-tone generator to verify you have the right wires.

20. 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 for Base Audio with optional 77KCK053 (4.1 Channel Amp) Installed

21. 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 optional 77KCK056 (8 Channel Amp) Installed

22. 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
23. 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.

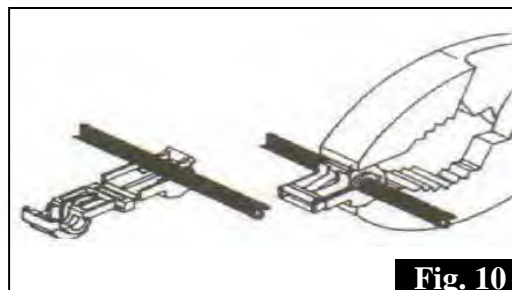


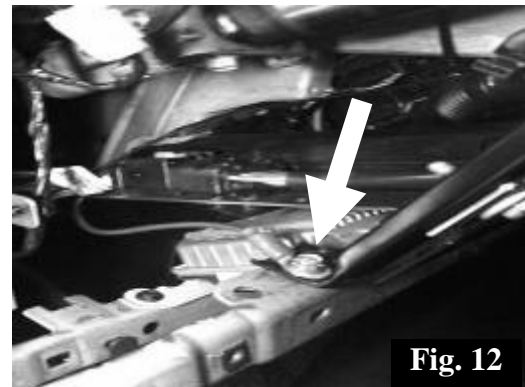
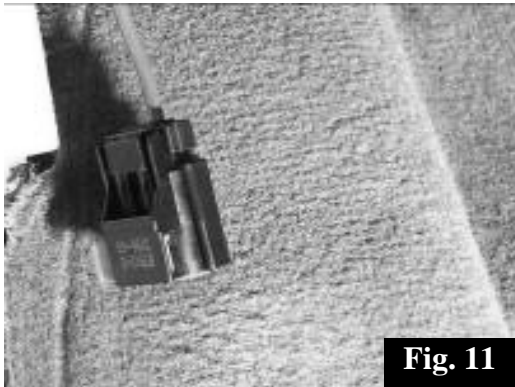
Fig. 10



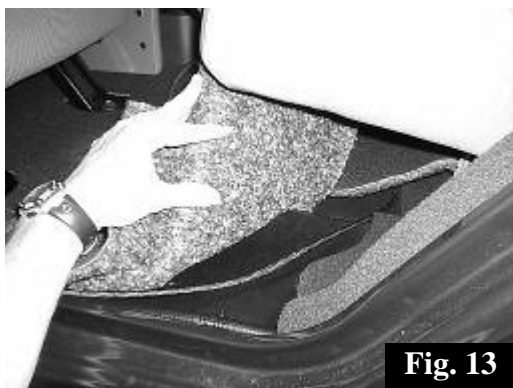
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24. Install the supplied two pin connector by inserting the terminal on the end of the power wire into the back of the connector until it clicks and locks. Fig. 11
25. Depress the blue terminal retainer down in the center of the connector.
26. Using a 10mm socket and ratchet remove the bolt securing the support brace and connect the ground wire as shown in Fig. 12.



27. 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. Fig. 13
28. Set the subwoofer in place and connect the wire harness.
29. Rotate the rear seat back until it is nearly vertical. While holding the seat back with one hand, slide the enclosure back until the hooks on the bracket are centered under the anchor points at the bottom of the seat. Slowly rotate the seat back toward the rear of the vehicle until it locks into place. Fig. 14





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- 30. The installation is complete and the subwoofer enclosure is easily removable if necessary by reversing steps 23 and 24.**
- 31. Reinstall all previously removed parts in reverse order.**
- 32. Install supplied fuse in the fuse holder under hood.**

