



**Audio System Upgrade Package
2007-2009 Jeep Wrangler 4-Door and 2-Door**

Installation Instructions

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1EA. FIVE CHANNEL AMPLIFIER
1EA. AMPLIFIER BRACKET
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1EA. M6 BOLT
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1EA. INSTRUCTIONS

P/N MPDSP033AA
P/N RMJK41
P/N RH41JKP
P/N RH41JK
P/N RFUSE30
P/N RFZIP6
P/N RFM6
P/N RFS8CH
P/N RFW8CH
P/N RBI77KICK33

TOOLS REQUIRED:

***Ratchet*13mm Socket*10mm Socket*Panel Removal Tool*7mm Nut Driver*Phillips
Screwdriver*Torx®T-25 Screwdriver*Razor Knife**

Radio Removal

1. Using a panel removal tool pry up on the plastic trim panel located above the radio. Make sure to pry on the side of the panel closest to the window. Fig. 1
2. Using a panel removal tool pry loose the top edge of the panel below the HVAC controls. Fig. 2



Fig. 1



Fig. 2



Radio Removal continued

3. Using a 7mm nut driver remove the four screws securing the radio trim bezel. There are two at the top and two at the bottom. Fig. 3
4. Starting at the top and working your way down pull out on the trim bezel to release the fasteners securing it. Once the bezel is completely detached from the dash it is not necessary to disconnect any of the wiring or the HVAC linkage. Simply allow the bezel to rest on the console to allow access to the screws securing the radio. Fig. 4
5. Remove the screws securing the radio and pull the radio from the dash and disconnect the wiring. Disconnect the antenna cable by pulling the locking antenna connector away from the radio.
Caution: Pulling the antenna cable straight out of the radio without pulling on the locking antenna connector could damage the cable or radio.



Amp Installation

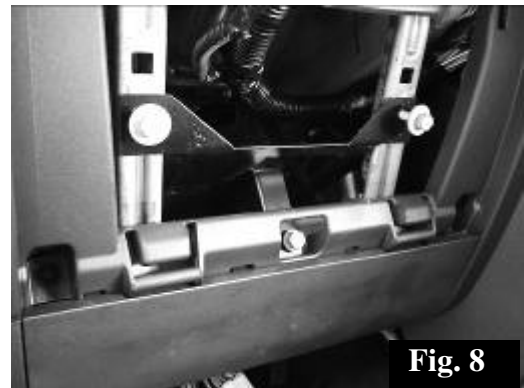
6. Gently pull out on the panel just below the steering column, rotate down and remove. Fig. 5
7. Find the small panel just below the one you just removed and pull to remove it as well. Fig. 6



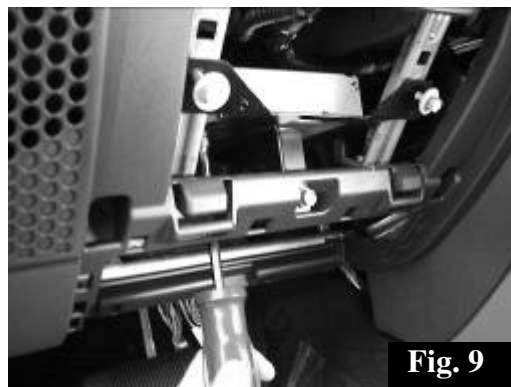


Amp Installation continued

8. Using a 10mm socket and ratchet remove the two 10mm bolts securing the metal plate below the steering column. Fig. 7
9. Install the amp bracket in between the dash frame rails and line up the holes in the bracket with the holes. Install the supplied 10mm bolt in the lower middle hole but do not tighten.
10. Temporarily install the two bolts that retain the metal plate in order to stabilize the amp bracket while the amp is mounted. Fig. 8



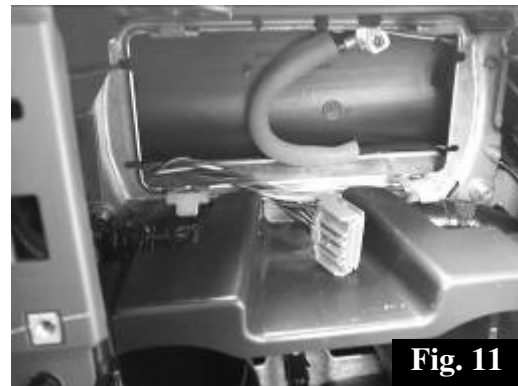
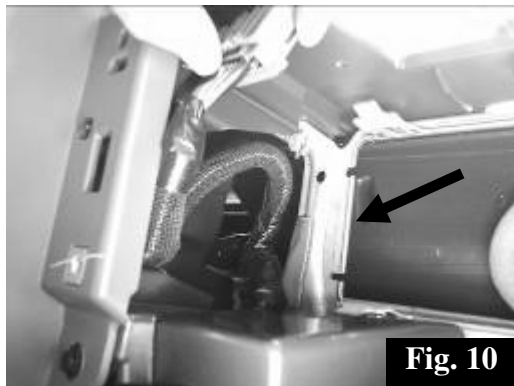
11. Place the amp on top of the bracket by sliding it under the dash passed the brake pedal. Make sure the connectors on the amp are facing toward the fire wall and the mounting holes are facing down.
12. Using a Torx® T-25 screwdriver install the four supplied screws and washers to attach the amp to the amp bracket. Fig. 9





Amp Installation continued

13. Pass the radio harness connector behind the metal framework indicated by the arrow. Fig. 10
14. Connect the amplifier harness to the amplifier and route the harness up to the radio cavity.
15. Connect the male radio harness connector to the female connector of the amp harness and tuck this connection into the void between the radio opening and the instrument cluster to avoid interference with radio during reinstallation.
16. Route male connector of the amp harness back around the beam as the radio harness originally was. Fig. 11



17. You can now connect the radio to the amplifier harness and reconnect the antennae wire and reinstall the radio.
18. Remove the two 10mm bolts temporarily installed in step 10. Position the metal plate removed previously over the top of the amp bracket and secure both with the two 10mm bolts.
19. Tighten the bottom bolt.



Power Harness Installation

20. Find the rubber grommet in the top driver's side of the fire wall underneath the hood and remove it. Fig. 12
21. 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. 13
22. Run the wire through the grommet hole in the fire wall and reinstall the grommet.
23. Run the wire along the top of the fire wall toward the battery and secure with wire ties.

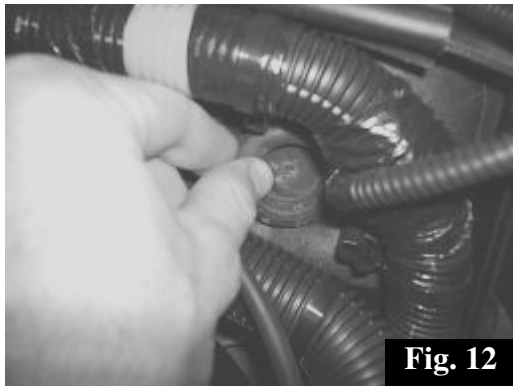


Fig. 12

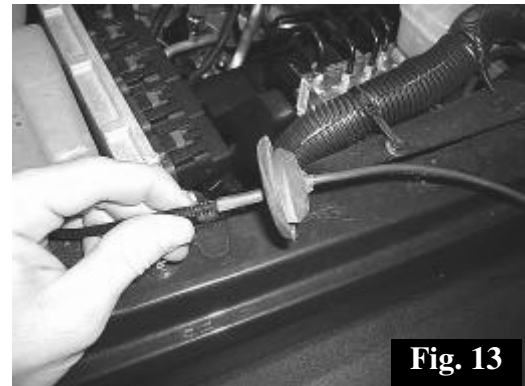


Fig. 13

24. 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. 14
25. Connect the ring terminal of the power harness to the lug and retighten the nut.

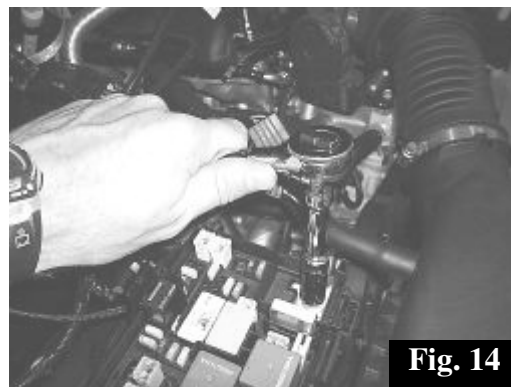
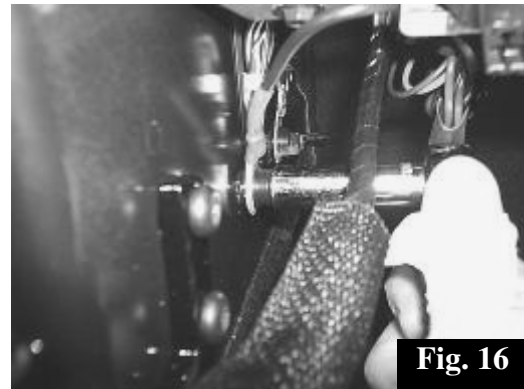
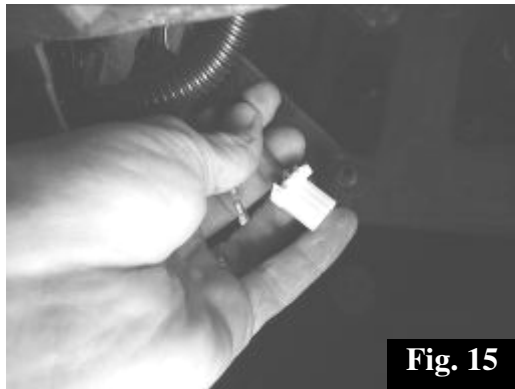


Fig. 14



Power Harness Installation continued

26. Install the supplied three pin connector by inserting the terminals on the end of the power wire into the back of the connector until they click and lock. Any wire can go in any hole. Fig. 15
27. Using a 10mm socket and ratchet remove one of the factory ground nuts on the driver's side kick area. Connect the black ground wire, reinstall the nut and tighten. Fig. 16



Important!

If you have previously installed a Kicker® subwoofer kit (#77KICK19) you would have tapped into the left front door speaker wires in the kick panel area. Disconnect those wires and reconnect them to the brown and green wires in the 4.1 amplifier harness. The brown wire connects to the brown wire and the green wire connects to the green wire. Fig. 17



28. Reinstall all previously removed parts in reverse order.
29. Install supplied fuse in the fuse holder under hood.