



**Audio System Upgrade Package
2009-UP Dodge Ram Quad Cab
2009-UP Dodge Ram Crew Cab**

Installation Instructions

CONTENTS:

1EA.	FIVE CHANNEL AMPLIFIER/BRACKET ASSEMBLY	P/N	MPDSP043AA
1EA.	POWER HARNESS	P/N	RH41DRPWR
1EA.	OVERLAY HARNESS	P/N	RH41DS
1EA	7MM SCREW	P/N	RF7MM
1EA	FUSE 30 AMP	P/N	RFUSE30
6EA.	WIRE TIE	P/N	RFZIP6
1EA.	INSTRUCTIONS	P/N	RBI77KICK43

TOOLS REQUIRED:

**Panel Removal Tool
Razor Knife
Torx®T-20 Screwdriver
7mm Nut Driver
1/4" Wrench
Ratchet
13mm Socket**

Radio Removal

1. Disconnect negative battery cable
2. Pull the rubber liner out of the storage tray on the dash and remove two Torx®T-20 screws. Fig. 1
3. Using a panel removal tool pry out on the plastic trim panel of the 110V AC plug and remove.(If so equipped) Fig. 2



Fig. 1



Fig. 2



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Radio Removal (continued)

4. Remove the Torx®T-20 behind the plastic trim panel removed in step 2. (If so equipped) Fig. 3

If the vehicle *does not* have a center console skip to step 9.

5. Using a panel removal tool carefully pry up on the trim ring around the shifter and remove. Fig. 4



Fig. 3



Fig. 4

6. Pull up on the front edge of the rubber liner in the storage area under the HVAC controls and remove. Fig 5
7. Remove the two Phillips screws under the rubber liner removed in step 6. Fig. 6



Fig. 5

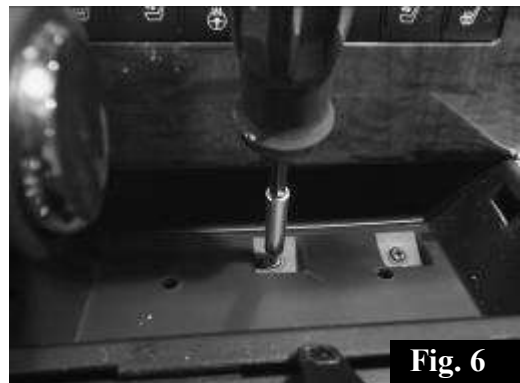


Fig. 6



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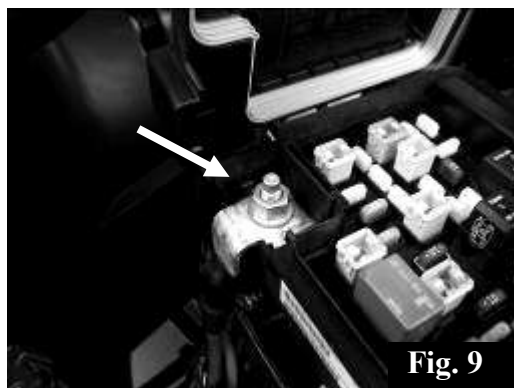
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8. Using a panel removal tool gently pry up on the panel surrounding the shifter housing and remove. Fig. 7
9. Using a panel removal tool gently pry out on the radio trim bezel. Fig. 8
10. Unplug the factory wiring on the radio trim bezel and remove.
11. Remove the four 7mm screws securing the radio.
12. 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.



4.1 Channel Amp Installation

13. Using a 13mm socket and ratchet loosen and remove the nut on the positive battery accessory lug. Fig. 9
14. Connect the ring terminal of the power harness to the lug and retighten the nut.
15. Route the wire toward the rubber grommet on the fire wall where the factory wiring harness passes through.
16. Make a small hole in the grommet using a razor knife and push the power wire through the rubber grommet. Pull the wire through from the inside until the protective loom just touches the grommet underneath the hood. (Approximately 15 inches on the inside of the vehicle.) Fig. 10

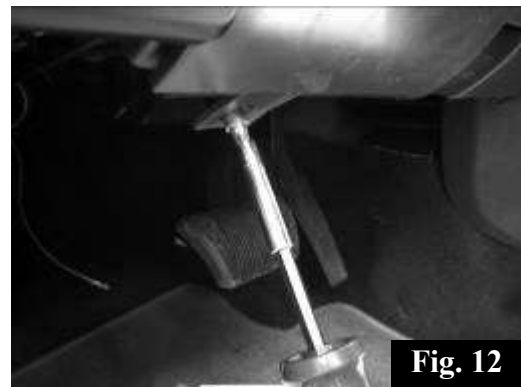




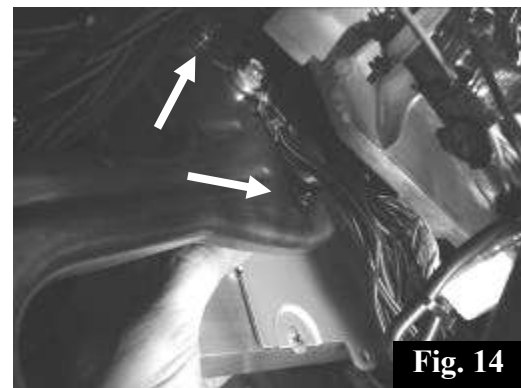
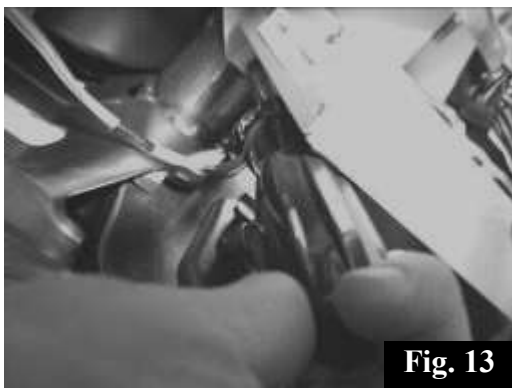
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17. Install the supplied three pin connector by inserting the terminals on the end of the power wire into the back of the connector until they click and lock. (Any pin can go in any location.) Fig. 11
18. Remove the two 7mm screws securing the plastic panel below the steering column. Gently pull out on the bottom of the panel to release the plastic fasteners. Leave the hood release lever and wiring harness connected and just let the panel hang below the dash. Fig. 12



19. Plug the amplifier harness into the amplifier and install the amplifier in the dash by sliding the two 1/4" bolts on the amp bracket into the slotted holes on the dash support brace by the factory grounding point and then lining up the hole on the top of the bracket with the hole in the dash frame. Insert the supplied 7mm screw and tighten. Fig. 13
20. Then tighten the two bolts that were aligned in the slotted holes Fig. 14





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21. Remove the factory 10mm bolt from the factory grounding point connect the ring terminal of the ground for the amp harness and retighten. Fig. 15
22. Route the amp harness to the radio opening
23. Connect the male radio harness connector to the female connector of the amp harness and tuck this connection out of the way to avoid interference with radio during reinstallation. Fig. 16



Fig. 15

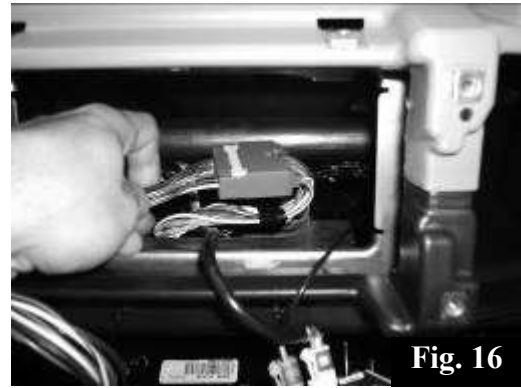


Fig. 16

24. You can now connect the radio to the amp harness and reconnect the antennae wire and reinstall the radio.
25. Plug the power wire connector on the amplifier harness to the connector you installed on the wires coming from the under the hood.
26. Reinstall all previously removed parts in reverse order.
27. Install the supplied fuse in the fuse holder under the hood.
28. Reconnect negative battery cable.

Important!

If you have previously installed a Kicker® subwoofer kit (#77KICK44) 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

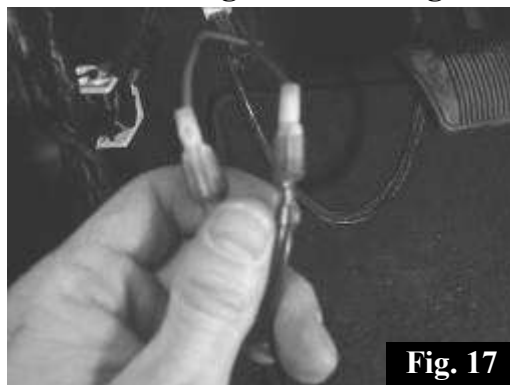


Fig. 17