



MOPAR.

Congratulations, you just purchased one of the most sophisticated 32 bit digital audio amplifiers available today. Fortunately, all the complexity and sophistication is on the inside and all you have to do is plug it in. When you're finished with the installation and turn it on, you will immediately notice an improvement in sound quality.

This amplifier is devised to work with the complete line of speaker and subwoofer upgrades developed in conjunction with Kicker®. Because each is application specific, please see your dealer or contact the Direct Connection Hotline at 1-888-528-HEMI to find the additional components specifically designed for your vehicle to maximize your listening experience.

SPECIFICATIONS

RMS Power at 4 Ohms:	28 W x 8
RMS Power at 2 Ohms	46 W x 8
Frequency Response	20 Hz – 21K Hz
Signal to Noise Ratio	95 dB
THD at Rated RMS Power	1.0 %

FEATURE DESCRIPTION

Driver Selectable Surround

That's not all your new amplifier has to offer. Another benefit is DSS (Driver Selectable Surround) mode. DSS can be turned on and off with the volume control knob on the radio or steering wheel volume control buttons. DSS will give your music a new dimension by simulating a surround sound feel. You can enable DSS by turning the volume control knob on the radio up two increments and then down two increments within three seconds. You will hear a momentary attenuation in the sound when the system switches to DSS mode. You can also enable DSS with the steering wheel volume control buttons in the same way. Press the volume up button twice and then the volume down button twice within three seconds. To disable DSS just repeat the same process.

Note: the balance is automatically controlled when you are in DSS mode. In fact, an easy way to tell whether you are in DSS or non-DSS mode is to try the balance control. DSS can be utilized with any source - i.e., Sirius® satellite radio, regular radio, and compact disc player.



**Audio System Upgrade Package
2007-UP Jeep Wrangler (Premium Audio) 4-Door & 2-Door**

Installation Instructions

KMS-1® or Kicker® Mobile Surround

While DSS is exciting even more so is the other capability of your amplifier. If your vehicle is equipped with factory VES® (Video Entertainment System) you can enjoy the benefits of KMS-1® (Kicker Mobile Surround).

KMS-1 is enabled automatically when the Radio is put into the VES® mode. This feature offers the ultimate listening experience by providing surround sound uniquely equalized for your interior space.

Note: While in KMS mode the system automatically sets balance, fade and tone to provide the optimal surround experience.

KMS® is available only if a DVD is in the player and the radio mode is set to VES®.

For information or additional assistance please contact directly via the Direct Connection hotline at 1-888-528-HEMI (4364).



Audio System Upgrade Package 2007-UP Jeep Wrangler (Premium Audio) 4-Door & 2-Door

Installation Instructions

CONTENTS

1EA. EIGHT CHANNEL AMPLIFIER
1EA. INSTRUCTIONS

P/N MPCAN046AA
P/N RBI77KICK46

TOOLS REQUIRED:

Torx®T-25
10mm Socket
Ratchet

2007-2010 Wrangler Amp Installation

1. Disconnect the negative battery terminal.
2. Gently pull out on the panel just below the steering column, rotate down and remove. Fig. 1
3. Find the small panel just below the one you just removed and pull to remove it as well. Fig. 2



4. Using a 10mm socket and ratchet remove the two 10mm bolts securing the metal plate below the steering column. Fig. 3
5. Remove the center 10mm bolt securing the amplifier/bracket assembly. Fig. 4





Audio System Upgrade Package 2007-UP Jeep Wrangler (Premium Audio) 4-Door & 2-Door

Installation Instructions

6. Disconnect amp wiring and remove the amp by pulling straight out toward the seat.
7. Remove the four Torx® T25 screws securing the amplifier to the bracket. Install the upgrade amplifier to the bracket using the original screws. Fig. 5
8. Reinstall the amplifier/bracket assembly back into the dash. The upgrade amplifier is slightly wider and will require being tilted at a slight angle to pass between the two metal bars of the dash substructure. Once the amplifier is past the beams it will reinstall exactly like the original amplifier. Fig. 6

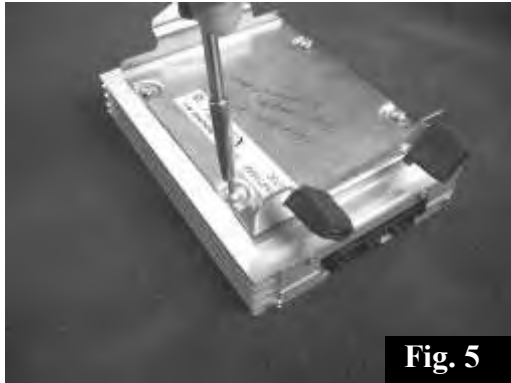


Fig. 5

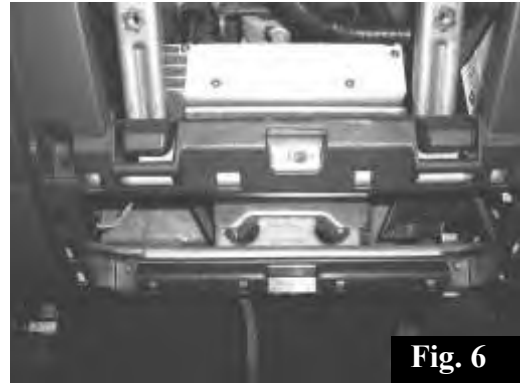


Fig. 6

9. Reconnect the amplifier wiring.
10. Reinstall all previously removed parts in reverse order.

Important: If you have previously installed the optional 77KICK24AB or 77KICK40 Subwoofer System follow these steps for connection of the subwoofer input signal to ensure proper function.

Subwoofer Input Connection for Premium Audio vehicles with optional 77KICK46 (8 Channel Amp) Installed

11. Locate the 16 pin connector on the amplifier under the steering column. 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. 7
12. 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.

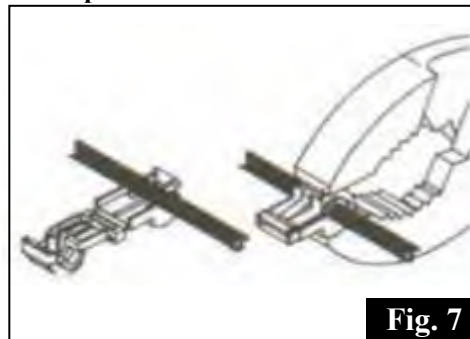


Fig. 7



Audio System Upgrade Package 2007-UP Jeep Wrangler (Premium Audio) 4-Door & 2-Door

Installation Instructions

2011-2012 Wrangler Amp Installation

Ratchet
10mm Socket
1/4"Socket
Panel Removal Tool
7mm Nut Driver
Phillips Screwdriver
Torx®T-25 Screwdriver

1. Disconnect negative battery cable
2. Remove the rubber liner in the pocket above the radio to access the 7mm screw and remove the screw. Fig. 8
3. Remove the pocket, or window switch depending on trim level, below the radio by prying loose with a panel removal tool. Find the 7mm screw and remove. Fig. 9



4. Gently pull out on the panel just below the steering column, rotate down and remove. Fig. 10
5. Remove the two 7mm screws (one on each side of the steering column) that secure the radio/instrument bezel. Fig. 11

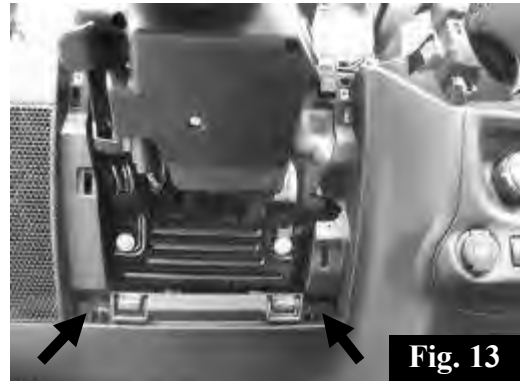




**Audio System Upgrade Package
2007-UP Jeep Wrangler (Premium Audio) 4-Door & 2-Door**

Installation Instructions

6. Pull the radio/instrument bezel straight back and remove from dash. Fig. 12
7. Remove the two 7mm screws securing the plastic panel below the steering column indicated by the arrow in Fig. 13, and the one 7mm screw near the kick panel



8. Remove the dash end panel by prying loose with a panel removal tool. Fig. 14
9. Remove the two 7mm screws securing the speaker housing. Fig. 15





**Audio System Upgrade Package
2007-UP Jeep Wrangler (Premium Audio) 4-Door & 2-Door**

Installation Instructions

10. Remove the 10mm bolt securing the speaker housing. Fig. 16
11. Carefully pull the dash panel outward until there is sufficient room to allow access to remove speaker housing and disconnect wiring.
12. Install the amp/bracket assembly into position as shown in Fig. 17 and secure the top of the amp bracket using the supplied 10mm bolts.



13. Secure the bottom of the amp bracket using the supplied 1/4" screw. Fig. 18





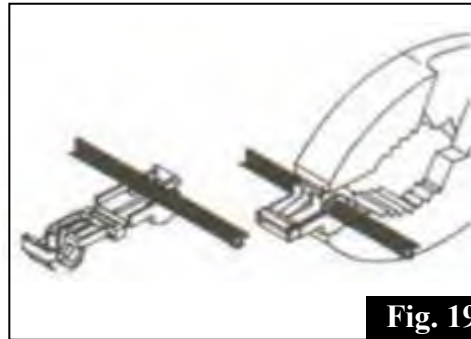
**Audio System Upgrade Package
2007-UP Jeep Wrangler (Premium Audio) 4-Door & 2-Door**

Installation Instructions

Important: If you have previously installed the optional KCK051 or KCK052 Subwoofer System follow these steps for connection of the subwoofer input signal to ensure proper function.

Subwoofer Input Connection for Premium Audio vehicles with optional 77KICK46 (8 Channel Amp) Installed

14. Locate the 16 pin connector on the amplifier under the steering column. 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 19
15. 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.



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