



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 12
RMS Power at 2 Ohms	46 W x 12
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
2009-UP Dodge Ram Quad and Crew Cab Trucks
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).



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1EA. 12 CHANNEL AMPLIFIER
1EA. INSTRUCTIONS

P/N MPCAN045AA
P/N RBI77KICK45

TOOLS REQUIRED:

Torx®T-25
7mm Nut Driver
7mm Wrench
10 mm Socket
Ratchet

Amp Installation

1. Disconnect negative battery cable.
2. 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. 1
3. Find the 10mm ground bolt between the two 7mm screws securing the amplifier bracket and remove the ground bolt. Fig. 2



Fig. 1



Fig. 2



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4. Find the 7mm screw securing the amplifier bracket to the dash frame on the left side of the amplifier and remove the screw. Fig. 3
5. Loosen the two 7mm bolts securing the amplifier bracket to the support brace. Fig. 4



Fig. 3



Fig. 4

6. Lower the amplifier and bracket assembly from the dash and disconnect wiring.
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 and all previously removed parts in reverse order. Make sure to reattach ground wire.



Fig. 5



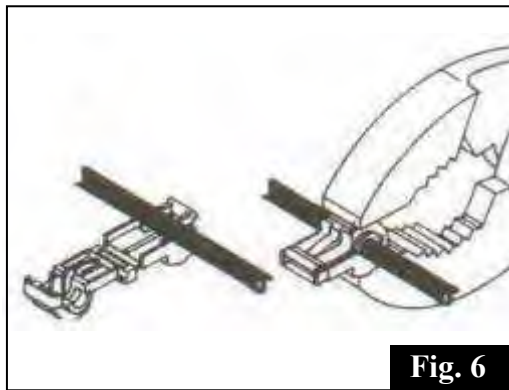
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9. Reinstall all previously removed parts in reverse order.
10. Install the supplied fuse in the fuse holder under the hood.
11. Reconnect negative battery cable.

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 subwoofer output wires in the black 16 pin connector on the amplifier. The wire colors to identify are the gray wire with a black stripe and the green wire with a brown stripe. Install one of the self stripping t-tap connectors onto each wire. Lay the wire in the open channel, fold the connector body over and squeeze with a pair of pliers until the connector snaps shut. Fig 6

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 brown stripe in the vehicle. The green with black stripe wire (negative) of the harness connects to the t-tap connector on the green wire with the brown stripe in the vehicle.



Notice

(Regarding Balance and Fader Operation)

Non-functional balance or fader controls does not indicate a problem with your radio or your amplifier, but that the system may have been inadvertently switched into DSS mode or KMS mode. Refer to pages 1 and 2 for instructions how to engage or disengage DSS and KMS.