



INSTALLATION INSTRUCTIONS FOR PART 99-6511

APPLICATIONS

Chrysler Sebring 2007
Chrysler Town and Country 2008
Dodge Avenger 2007-2008
Dodge Dakota 2008
Dodge Grand Caravan 2008
Dodge Nitro 2007
Jeep Wrangler 2007

(Modifications to radio cavity required)

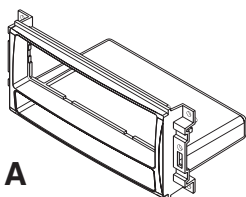
99-6511

KIT FEATURES

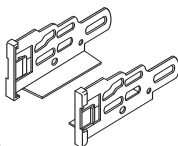
- DIN Mount Radio Provision with Pocket
- ISO Mount Radio Provision with Pocket

KIT COMPONENTS

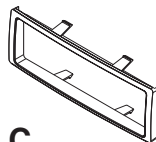
A) Radio Housing with Pocket • B) ISO Brackets • C) ISO Trim Plate



A



B



C

TOOLS REQUIRED:

Small Flat Blade Screwdriver/ Panel Removal Tool
• Phillips Screwdriver • Socket Set



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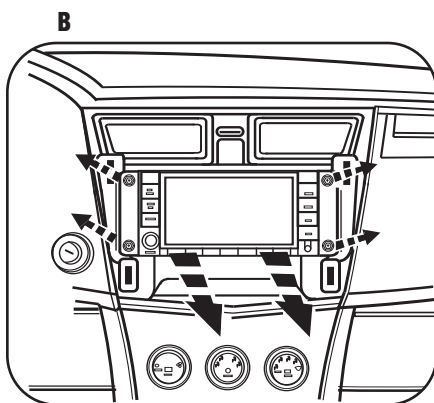
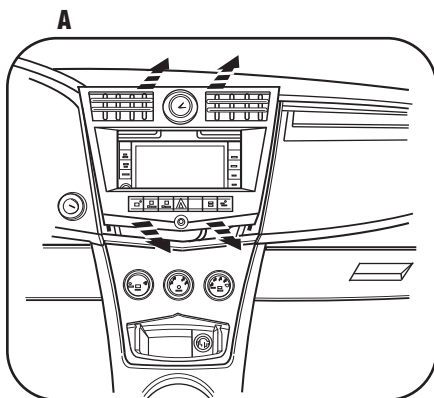
***Note:**

Refer also to the instructions included with the aftermarket radio.

CHRYSLER SEBRING 2007

- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unclip entire panel surrounding radio including a/c vents and clock. Unplug and remove panel. (Figure A)
- 3** Remove (4) 7MM screws securing radio. Unplug and remove radio. (Figure B)

Continue to kit assembly.

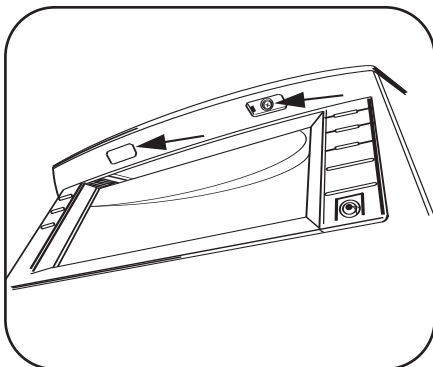


CHRYSLER TOWN AND COUNTRY 2008 **DODGE GRAND CARAVAN 2008**

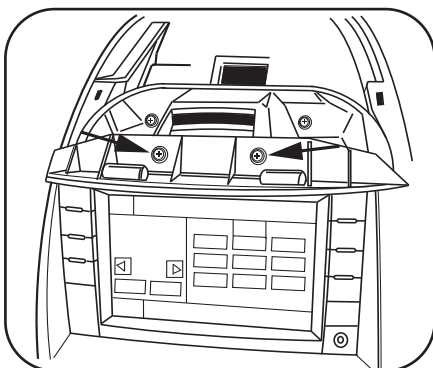
- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Remove (2) screw covers facing up above radio then remove the (2) Phillips screws exposed. (Figure A)
- 3** Lift up on panel above radio then remove (2) Phillips screws exposed at front edge of radio trim panel. (Figure B)
- 4** Remove (3) plastic push pins per side of bottom trim panel then slide panel toward rear of van to access (2) screws on bottom of radio trim panel. (Figure C)

Continued on page 3.

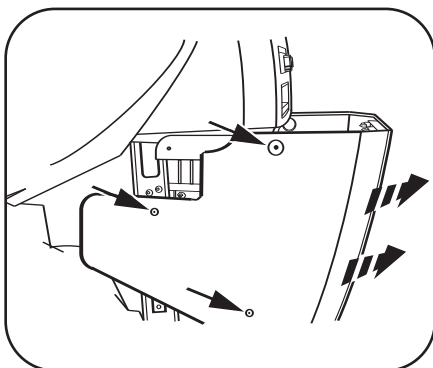
A



B



C

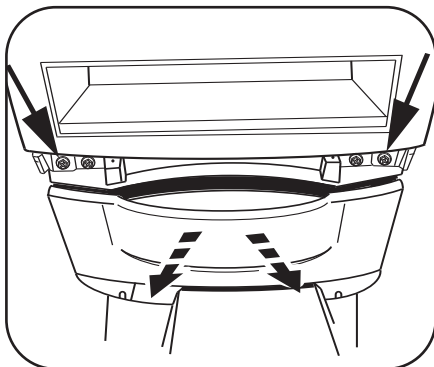


CHRYSLER TOWN AND COUNTRY 2008 DODGE GRAND CARAVAN 2008

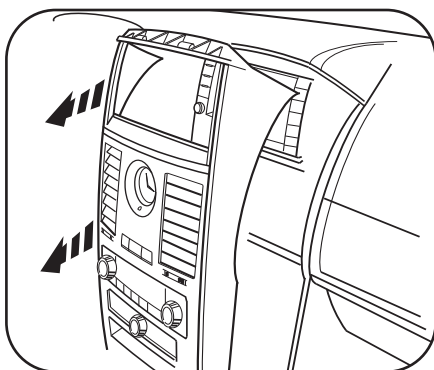
- 5 Remove (2) Phillips screws exposed at bottom edge radio trim panel. (Figure D)
- 6 Unclip and remove entire panel surrounding radio including climate controls, vents and clock. (Figure E)
- 7 Remove (4) Phillips screws securing radio. (Figure F)

Continue to kit assembly.

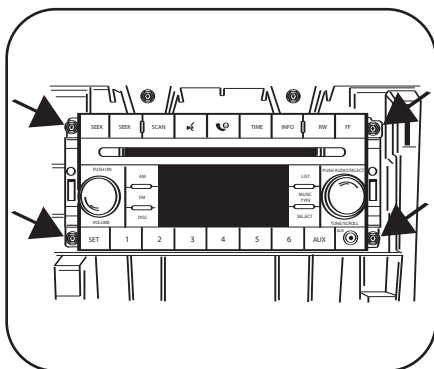
D



E



F

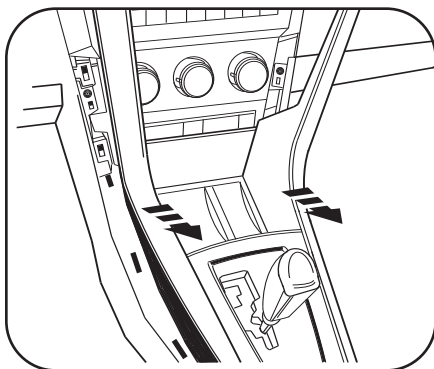


DODGE AVENGER 2007-2008

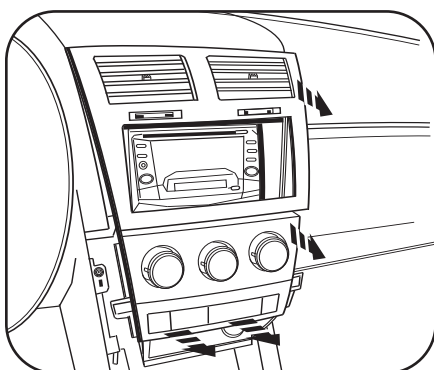
- 1 Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2 Unclip and remove the center console trim panel. (Figure A)
- 3 Unclip the center dash trim panel. (Figure B)
- 4 Remove (4) screws securing the radio. Disconnect and remove the radio. (Figure C)
- 5 Remove (3) screws securing the radio rear support bracket and remove the bracket. (Figure D)

Continue to kit assembly.

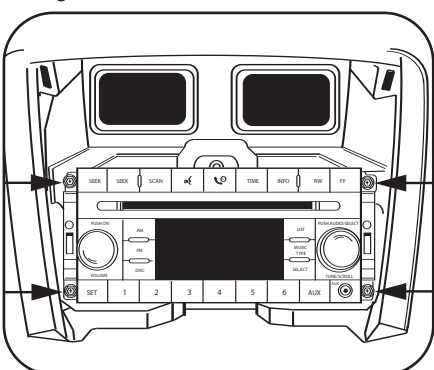
A



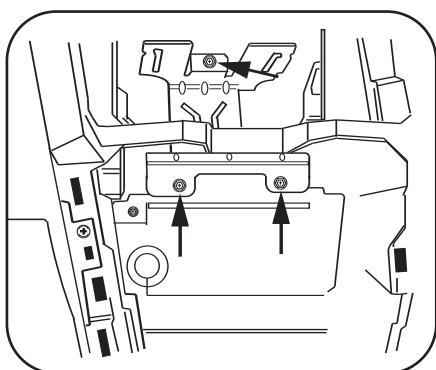
B



C



D

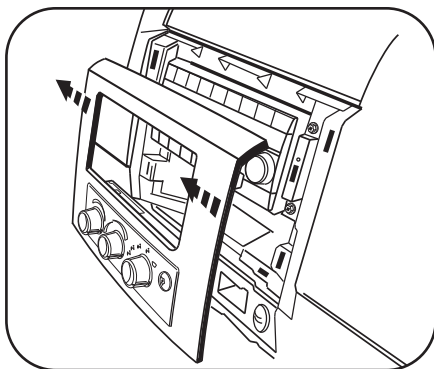


DODGE DAKOTA 2008

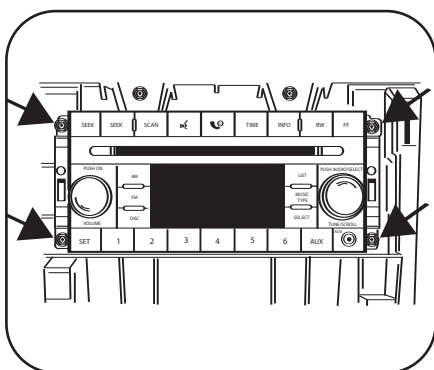
- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unclip and remove the trim panel surrounding the radio. (Figure A)
- 3** Remove (4) Phillips screws securing the radio. (Figure B)

Continue to kit assembly.

A



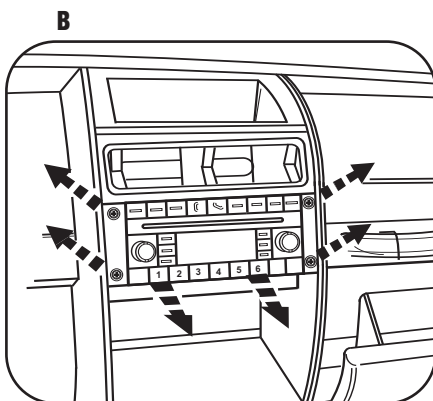
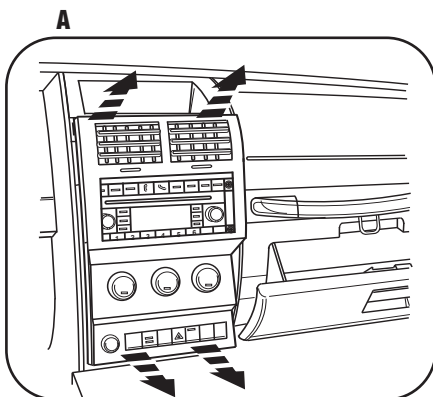
B



DODGE NITRO 2007

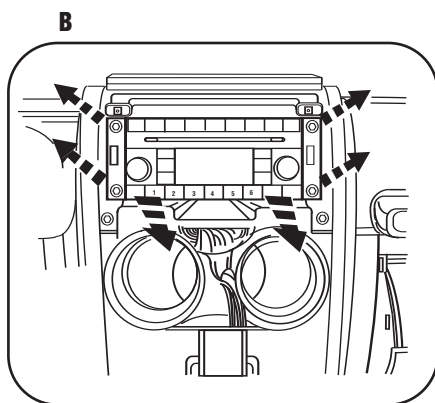
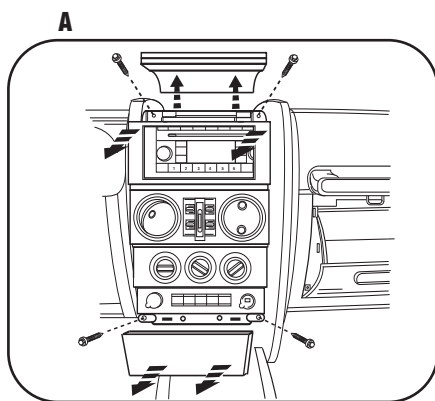
- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unclip entire panel surrounding radio and climate controls, including a/c vents. Unplug and remove panel.
- 3** Remove (4) 7MM screws securing radio. Unplug and remove radio. (Figure B)

Continue to kit assembly.



JEEP WRANGLER 2007

- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unclip and remove the lower center trim below a/c controls. (Figure A)
- 3** Remove (2) Phillips screws exposed behind lower center panel. (Figure A)
- 4** Unclip and remove the upper center trim starting towards the rear of the panel. (Figure A)
- 5** Remove (2) Phillips screws exposed behind upper center panel. (Figure A)
- 6** Unclip and remove entire panel surrounding radio and climate controls, including a/c vents.
- 7** Remove (4) 7MM screws securing radio. Unplug and remove radio. (Figure B)



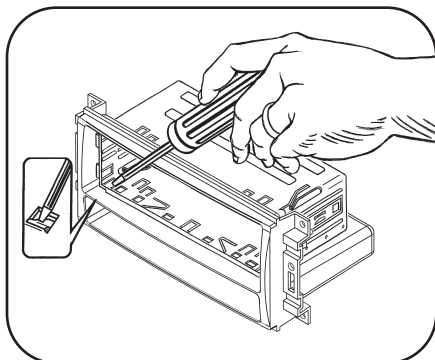
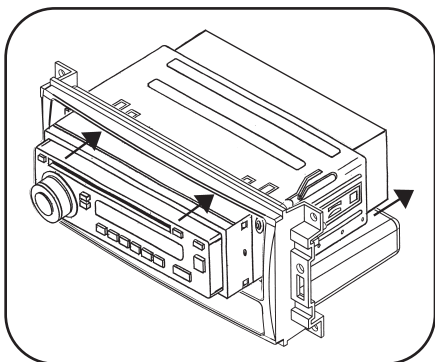
Continue to kit assembly.

DIN MOUNT RADIO PROVISION WITH POCKET

**Note: Refer also to the instructions included with the aftermarket radio.*

- 1** Slide the DIN cage into the Radio Housing and secure by bending the metal locking tabs outward. (Figure A)
- 2** Slide the aftermarket radio into the DIN cage until it snaps into place. (Figure B)

Continue to final assembly.

A**B**

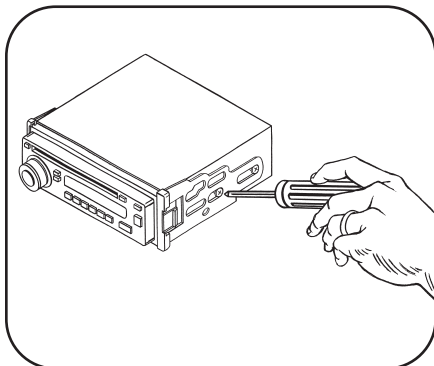
ISO MOUNT RADIO PROVISION WITH POCKET

****Note: Refer also to the instructions included with the aftermarket radio.***

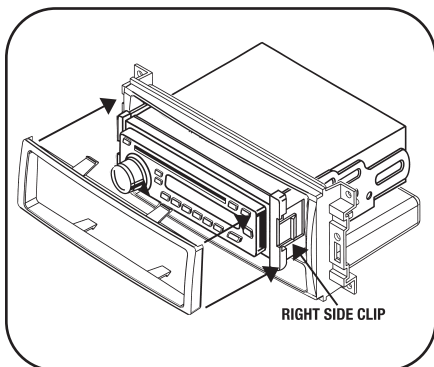
- 1** Mount the ISO Brackets to the radio using the screws supplied with the radio. (Figure A)
- 2** Slide the radio into the radio opening until it snaps into place. (Figure B)
- 3** Snap the ISO Trim Plate onto the front of the Radio Housing. (Figure B)

Continue to final assembly.

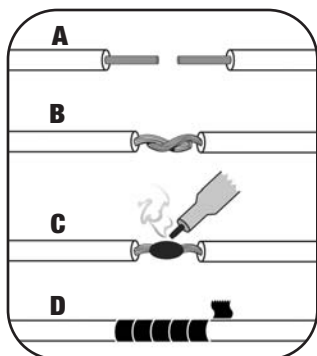
A



B



FINAL ASSEMBLY



(A) Strip wire ends back 1/2"

B) Twist ends together

C) Solder

D) Tape

- 1** Locate the factory wiring harness in the dash. Metra recommends using the proper mating adapter and making connections as shown. (Isolate and individually tape off the ends of any unused wires to prevent electrical short circuit.)
- 2** Re-connect the negative battery terminal and test the unit for proper operation.
- 3** Reassemble radio and dash assemblies in reverse order of disassembly.

FINAL WIRING CONNECTIONS

Make wiring connections using the EIA color code chart shown below and the instructions included with the head unit. Metra recommends making connections as shown below; Strip, Splice, Solder, Tape. Isolate and individually tape off ends of any unused wires to prevent electrical short circuit.

METRA / EIA WIRING CODE

12V Ignition / Acc. Red

12V Batt / Memory. Yellow

Ground. Black*

Power Antenna. Blue

Amp Turn-On Blue / White

Amp Ground. Black / White

Illumination Orange

Dimmer Orange / White

Right Front (+) Gray

Right Front (-). Gray/ Black

Left Front (+) White

Left Front (-). White / Black

Right Rear (+) Violet

Right Rear (-) Violet / Black

Left Rear (+) Green

Left Rear (-). Green / Black

***NOTE:** When a Black wire is not present, ground radio to vehicle chassis.

All colors may not be present on all leads due to manufacturer's specifications.



99-6511

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



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99-6511 INSTRUCTIONS



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