



INSTALLATION INSTRUCTIONS FOR PART 99-8217

APPLICATIONS

Toyota RAV4 2006-2009

99-8217

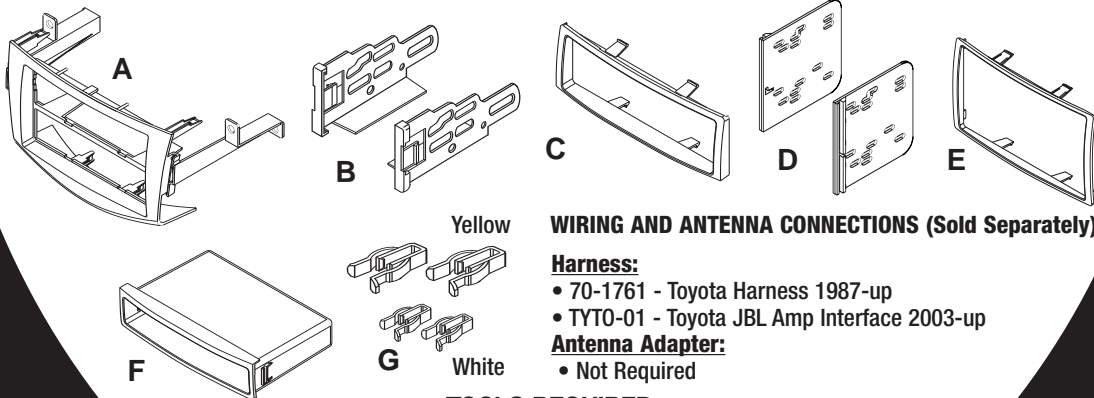
KIT FEATURES

- DIN Radio Provision with pocket
- ISO Radio Provision with pocket
- Double DIN Radio Provision
- Stacked ISO Units Provision
- **Painted Matte Black To Match OEM Factory Finish**



KIT COMPONENTS

- A) Radio Housing • B) ISO Snap In Brackets • C) Trim Plate • D) Double DIN Brackets • E) Double DIN Trim Plate
- F) Pocket • G) (2) Each -White Panel Clips and Yellow Panel Clips



WIRING AND ANTENNA CONNECTIONS (Sold Separately)

Harness:

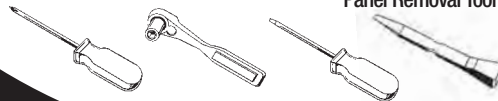
- 70-1761 - Toyota Harness 1987-up
- TYTO-01 - Toyota JBL Amp Interface 2003-up

Antenna Adapter:

- Not Required

TOOLS REQUIRED:

- Phillips Screwdriver • Socket Wrench • Small Flat Blade Screwdriver or Panel Removal Tool



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NOTE: Refer also to the instructions included with the aftermarket radio.

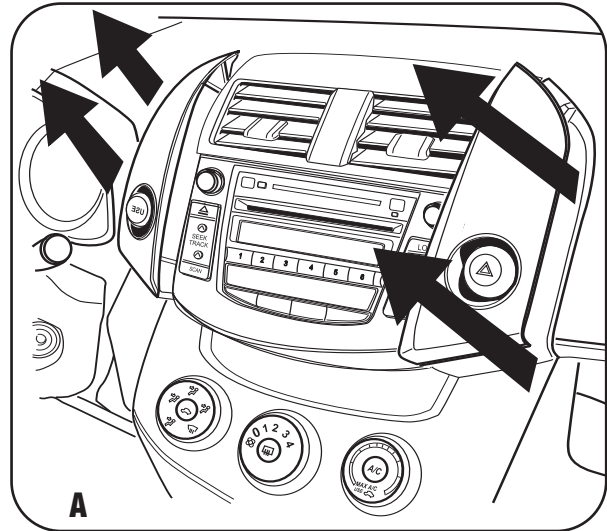


KNOWLEDGE IS POWER

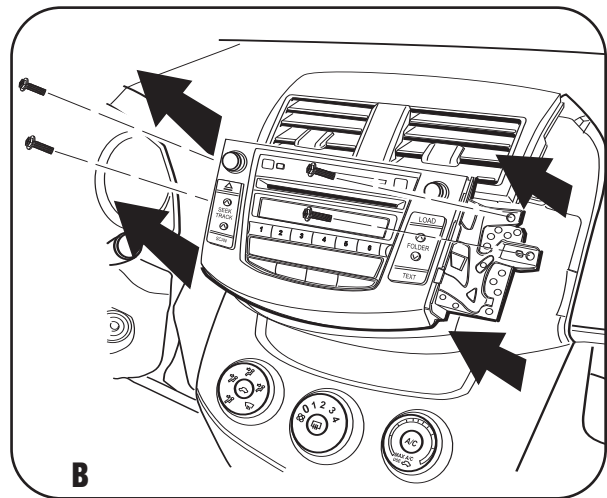
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TOYOTA RAV4 2006-2009

- 1 Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2 Unclip and remove the (2) side panels on the left and right side of the factory radio. (Figure A)



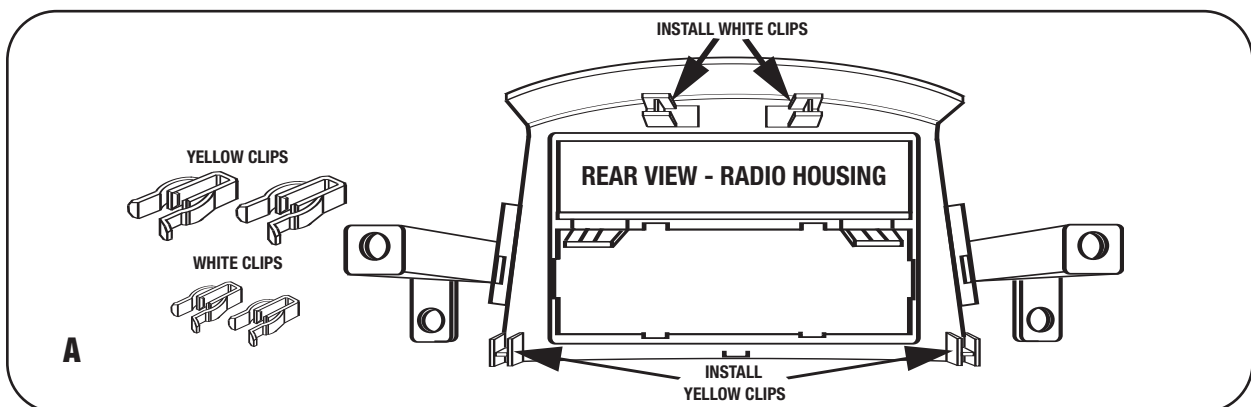
- 3 Remove (4) 10mm screws securing the radio. (Figure B)



Continue to kit assembly.

KIT PREPARATION

- 1 Attach (2) white panel clips and (2) yellow panel clips to rear of Radio Housing where shown. **NOTE:** OEM factory clips can also be used. (Figure A)



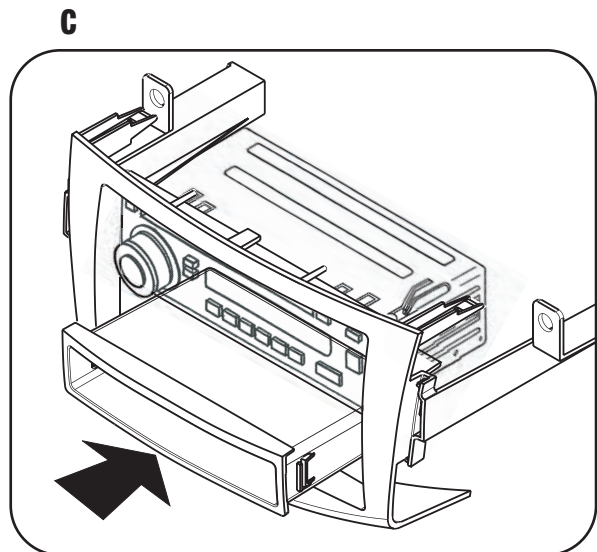
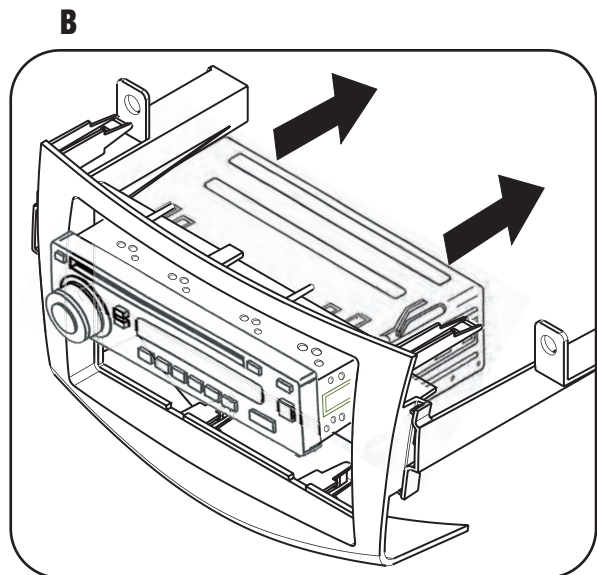
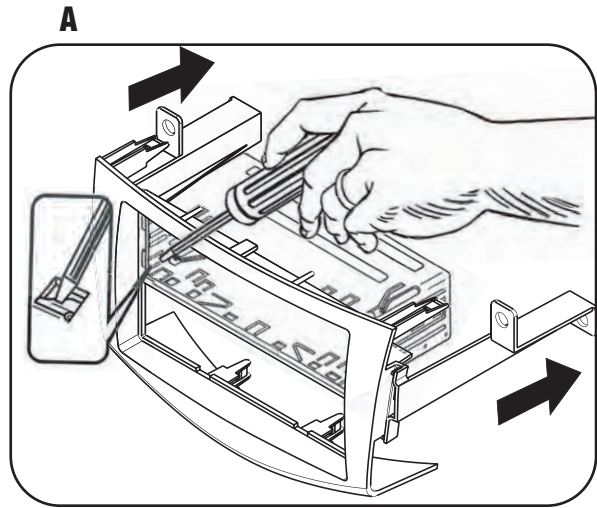
DIN MOUNT RADIO PROVISION

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 cage until it snaps into place. (Figure B)

- 3 Snap the pocket into the radio housing. (Figure C)



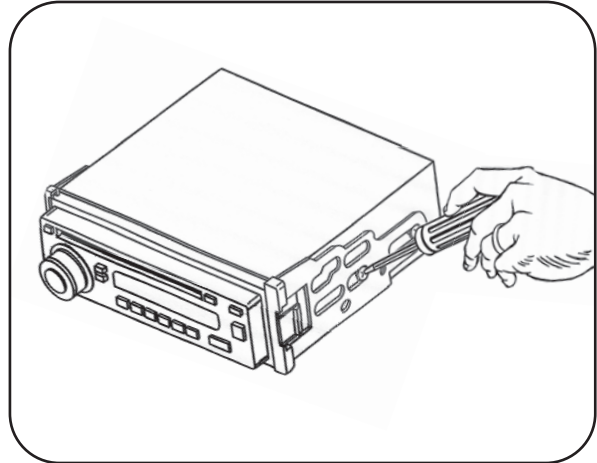
Continue to final assembly.

ISO MOUNT RADIO PROVISION

NOTE: Refer also to the instructions included with the aftermarket radio.

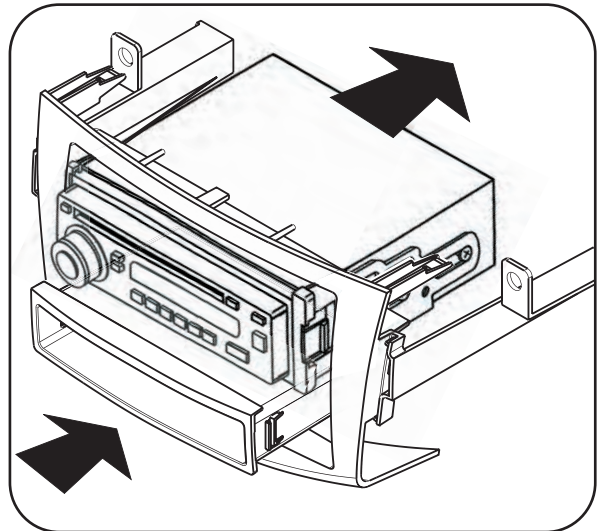
- 1** Mount the ISO Brackets to the radio using the screws supplied with the radio. (Figure A)

A



- 2** Slide the aftermarket radio into the radio opening until the side clips snap into place. (Figure B)

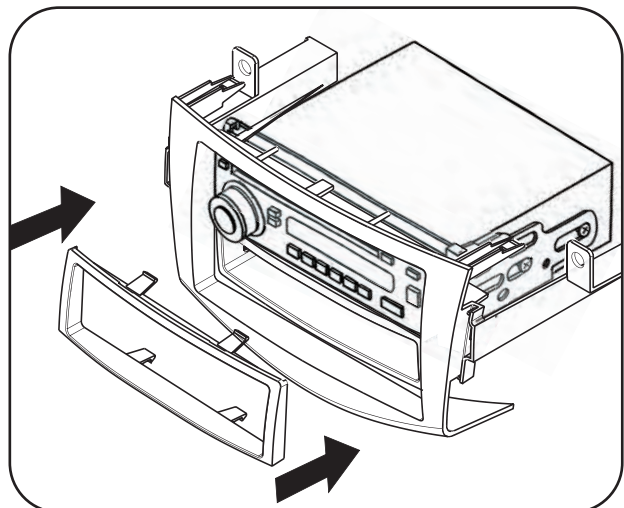
B



- 3** Snap the pocket into the radio housing. (Figure B)

- 4** Snap the Trim plate onto the front of the Radio Housing assembly. (Figure C)

C

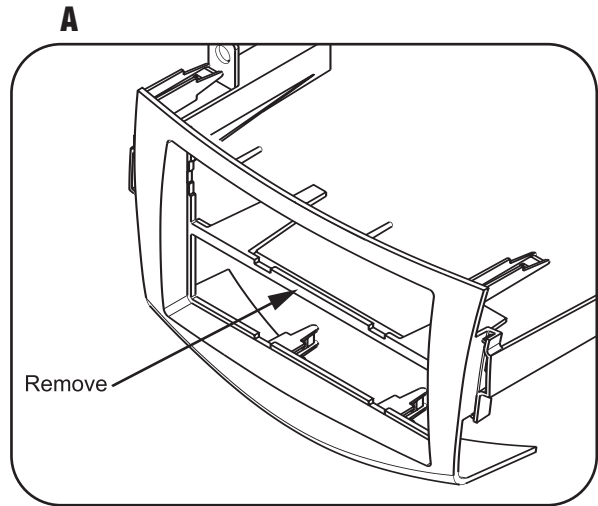


Continue to final assembly.

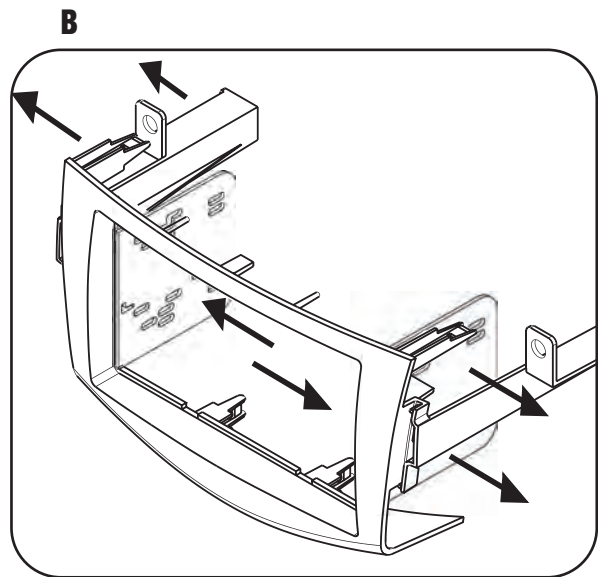
DOUBLE DIN RADIO PROVISION

NOTE: Refer also to the instructions included with the aftermarket radio.

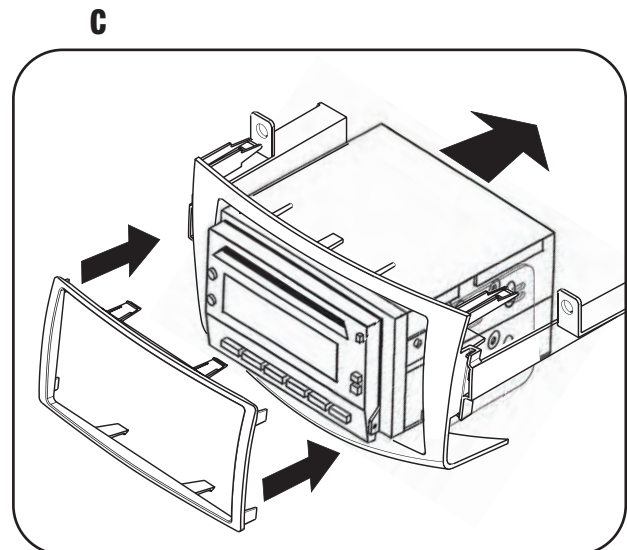
- 1** Cut and remove center divider from radio housing. (Figure A)



- 2** Snap the Double DIN brackets to the inside edge of the radio housing. (Figure B)



- 3** Slide the Double DIN radio into the Double DIN bracket/radio housing assembly and secure the radio to the assembly using the screws supplied with the radio. (Figure C)



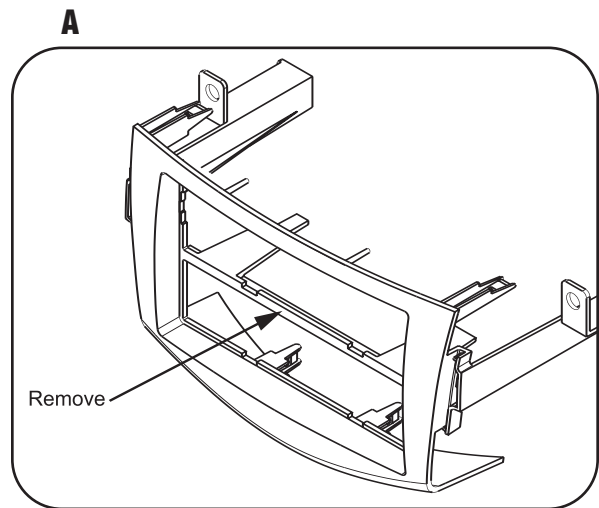
- 4** Snap the Double DIN trim-plate onto the front of the housing/radio assembly. (Figure C)

Continue to final assembly.

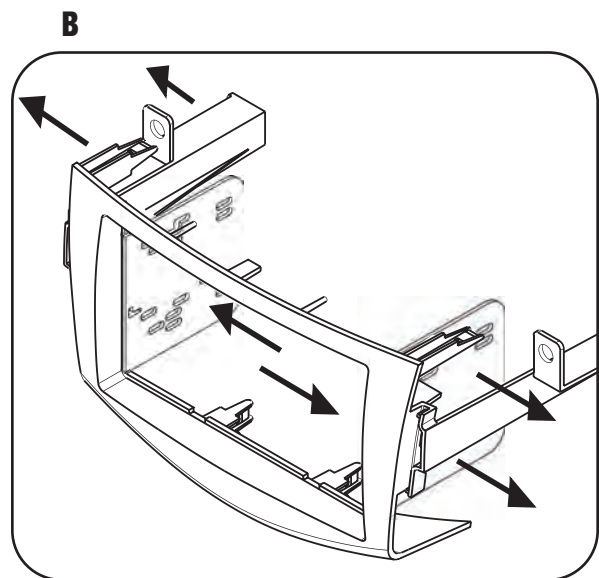
STACKED ISO UNITS PROVISION

NOTE: Refer also to the instructions included with the aftermarket radio.

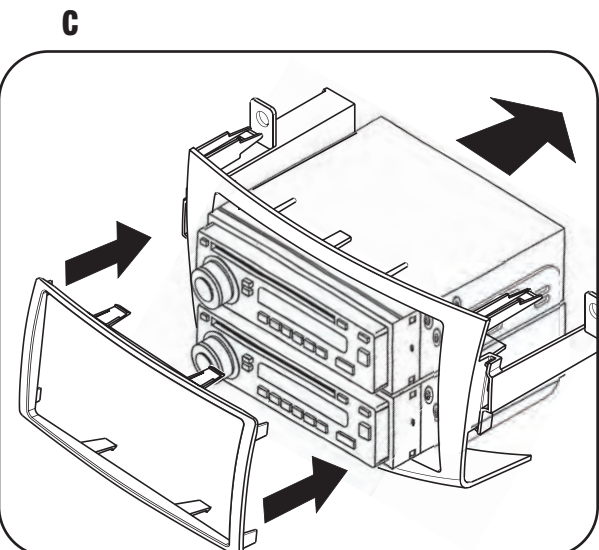
- 1** Cut and remove center divider from radio housing. (Figure A)



- 2** Snap the Double DIN brackets to the inside edge of the radio housing. (Figure B)



- 3** Slide the stacked ISO units into the Double DIN bracket/radio housing assembly and secure the units to the kit using the screws supplied with the units. (Figure C)



- 4** Snap the Double DIN trim-plate onto the front of the housing/radio assembly. (Figure C)

Continue to final assembly.

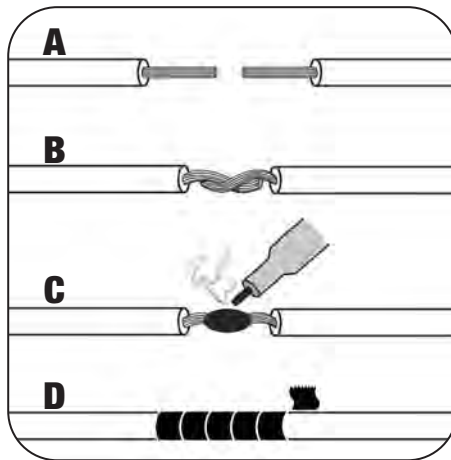


FINAL ASSEMBLY

- 1 Locate the factory wiring harness in the dash and make the connection as shown. Metra recommends using the proper mating adapter and making the 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.



- A) Strip wire ends back 1/2"**
- B) Twist ends together**
- C) Solder**
- D) Tape**

METRA / EIA WIRING CODE

12V Ignition / Acc . . . Red	Right Front (+) Gray
12V Batt / Memory . . Yellow	Right Front (-) Gray / Black
Ground Black*	Left Front (+) White
Power Antenna Blue	Left Front (-) White / Black
Amp Turn-On Blue / White	Right Rear (+) Violet
Amp Ground Black / White	Right Rear (-) Violet / Black
Illumination Orange	Left Rear (+) Green
Dimmer Orange / White	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.



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