INSTALLATION INSTRUCTIONS FOR PART 99-8222

APPLICATIONS

Toyota Highlander 2008-up

(Non-nav models only)

99-8222
99-8222BR

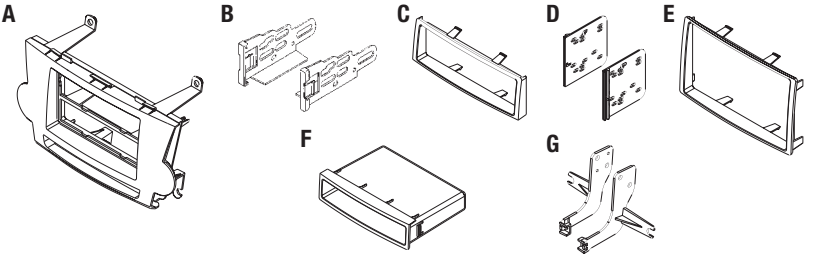


KIT FEATURES

- DIN radio provision with pocket
- ISO mount radio provision with pocket
- Double DIN radio provision
- Stacked ISO mount units provision
- ***Painted to match factory dash:***
  99-8222 = Black, 99-8222BR = Brown

KIT COMPONENTS

• A) Radio Housing • B) ISO Brackets • C) ISO Trim Plate • D) Double DIN Brackets
• E) Double DIN/Stacked ISO Trim Plate • F) Snap in Pocket • G) Radio Housing Brackets



WIRING & ANTENNA CONNECTIONS (Sold Separately)

Wiring Harness: • 70-1761 Toyota harness 1987-up
• TYTO-01 Toyota amp interface harness 2003-up

Antenna Adapter: • Not Required

TOOLS REQUIRED

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



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Caution

Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

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

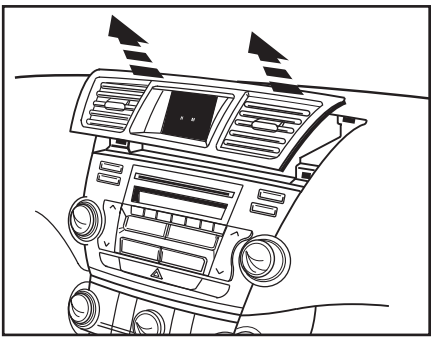
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Metra recommends MECP certified technicians

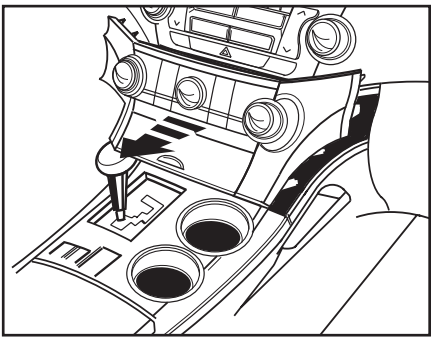
Dash Disassembly

1. Unclip and remove the a/c vent panel. (Figure A)
2. Unclip the trim panel containing the climate controls and pocket. Unplug the climate controls and remove the trim panel. (Figure B)
3. Remove (4) 10 mm bolts securing the radio assembly. Unplug and remove the radio assembly. (Figure C)

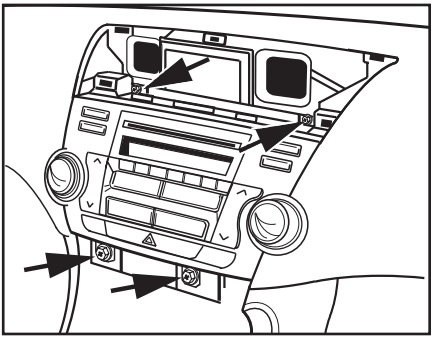
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(Figure A)



(Figure B)



(Figure C)

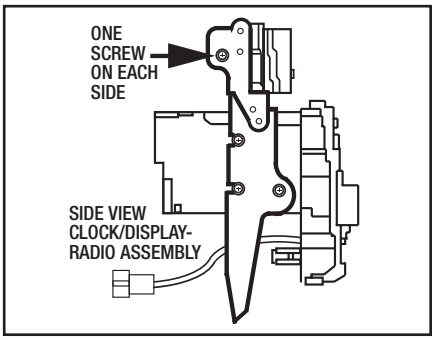
Dash Disassembly

4. Remove the (2) Phillips screws securing the clock/display then remove the clock/display from the radio assembly. (Retain the screws and clock/display for re-use during kit preparation.) (Figure D)

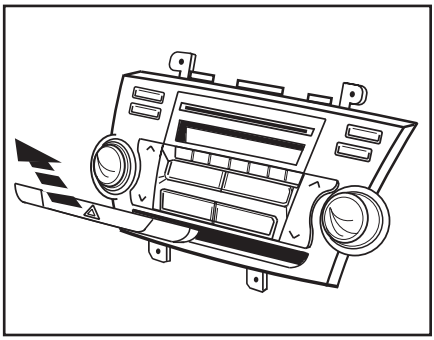
5. Unclip and remove the hazard switch assembly from radio assembly. (Retain the hazard switch assembly for re-use during kit preparation.) (Figure E)

6. Remove (4) spring clips from the back of the radio. (Retain the spring clips for re-use during kit preparation.) (Figure F))

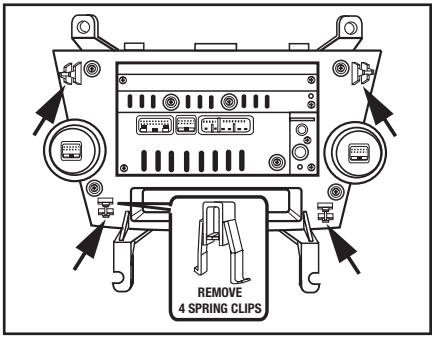
Continue to kit preparation



(Figure D)



(Figure E)

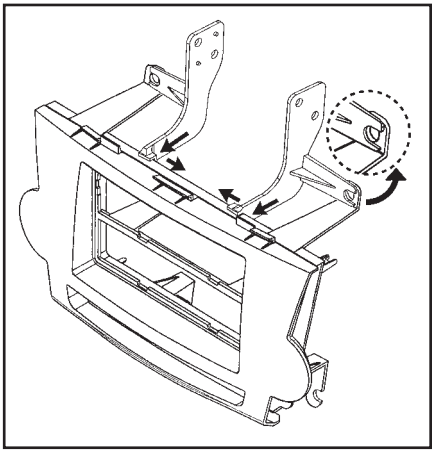


(Figure F)

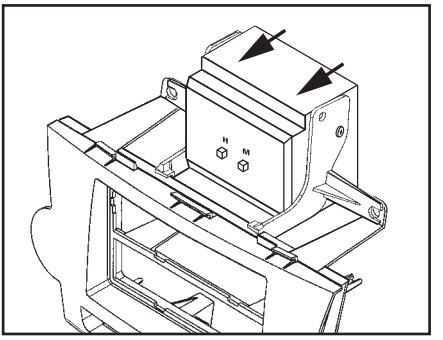
Kit Preparation

1. Attach the radio housing brackets to the radio housing. ***Note: Make sure that the leg on the bracket is on the outside of the leg on the radio housing.*** (Figure A)
2. Attach the clock/display to the brackets/ radio housing assembly using the factory hardware. (Figure B)
3. Snap the hazard switch assembly into the radio housing. (Figure C)
4. Attach the (4) spring clips to the back of the radio housing. (Figure D)

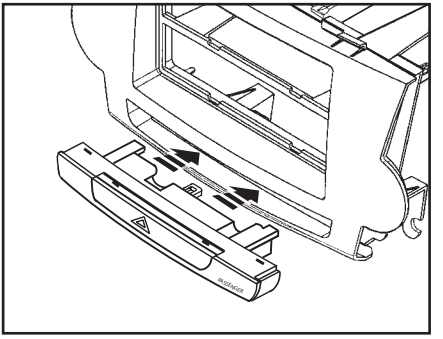
Continue to kit assembly



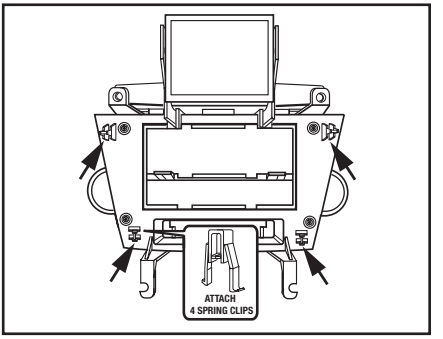
(Figure A)



(Figure B)



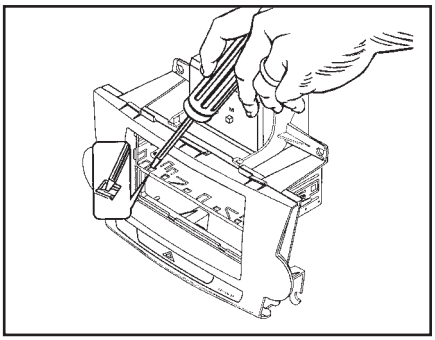
(Figure C)



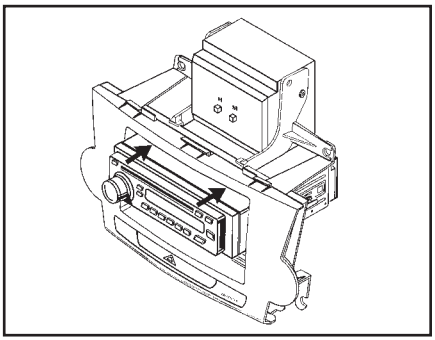
(Figure D)

DIN radio provision with pocket

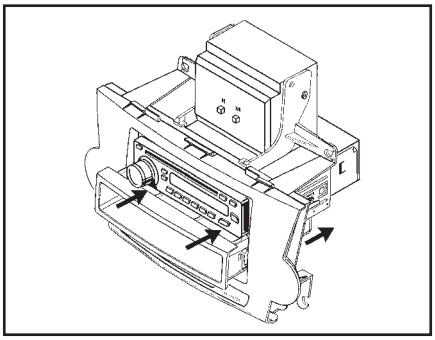
1. Locate the factory wiring harness in the dash. Metra recommends using the proper mating adapter from Metra or AXXESS. Re-connect the negative battery terminal and test the unit for proper operation.
2. Slide the DIN cage into the radio housing and secure by bending the metal locking tabs outward. (Figure A)
3. Slide the aftermarket radio into the DIN cage until it snaps into place. (Figure B)
4. Snap the pocket into the radio housing. (Figure C)
5. Reassemble dash in reverse order of disassembly.



(Figure A)



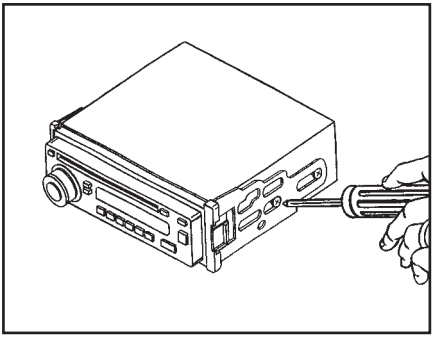
(Figure B)



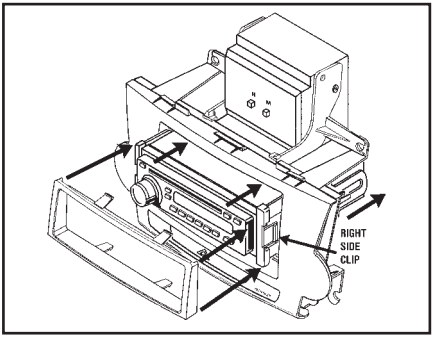
(Figure C)

ISO mount radio provision with pocket

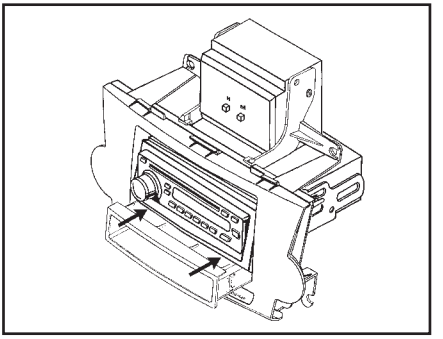
1. Locate the factory wiring harness in the dash. Metra recommends using the proper mating adapter from Metra or AXXESS. Re-connect the negative battery terminal and test the unit for proper operation.
2. Mount the ISO brackets to the radio using the screws supplied with the radio. (Figure A)
3. Slide the radio into the radio housing until it snaps into place. (Figure B)
4. Snap the ISO trim plate onto the front of the radio housing. (Figure B)
5. Snap the pocket into the radio housing. (Figure C)
6. Reassemble dash in reverse order of disassembly.



(Figure A)



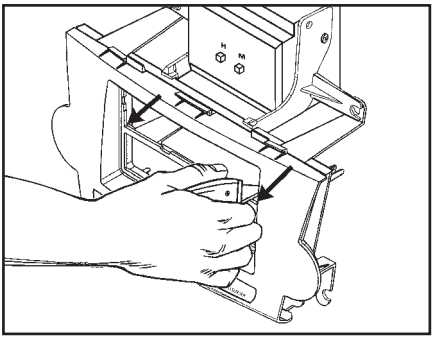
(Figure B)



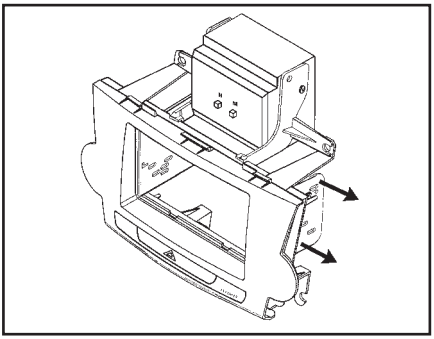
(Figure C)

Double DIN or stacked ISO mount units provision

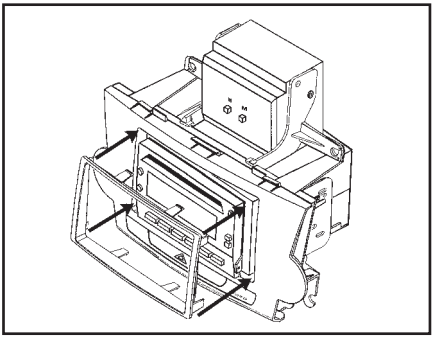
1. Locate the factory wiring harness in the dash. Metra recommends using the proper mating adapter from Metra or AXXESS. Re-connect the negative battery terminal and test the unit for proper operation.
2. Cut and remove the center bar from the radio housing. (Figure A)
3. Snap the Double DIN brackets to the inside edge of the radio housing. (Figure B)
4. Slide the Double DIN or stacked ISO mount units into the bracket/radio housing assembly then secure it to the assembly using the screws supplied with the units. (Figure C)
5. Snap the Double DIN/Stacked ISO trim plate onto the front of the radio housing. (Figure C)
6. Reassemble dash in reverse order of disassembly.



(Figure A)



(Figure B)



(Figure C)

Notes

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