



Toyota Highlander (w/o NAV) 2008-2012

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KIT FEATURES

- DIN radio provision with pocket
- ISO DIN radio provision with pocket
- ISO DDIN radio provision
- Painted to match factory dash:
99-8222 = Black, 99-8222BR = Brown

KIT COMPONENTS

- A) Radio housing • B) ISO DIN brackets • C) ISO DIN trim plate • D) ISO DDIN brackets • E) ISO DDIN trim plate • F) Pocket • G) Radio housing brackets

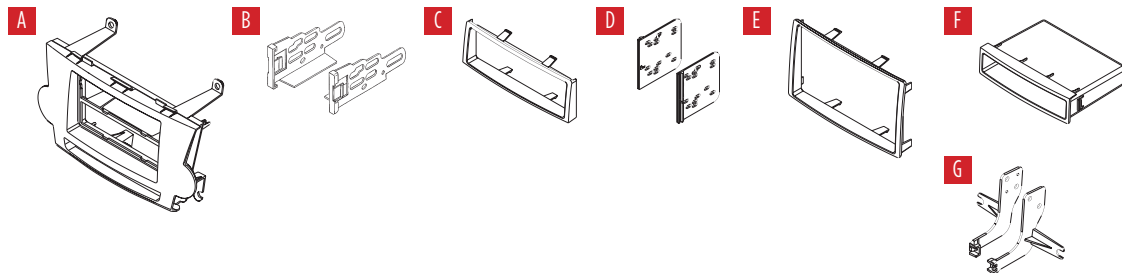


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WIRING & ANTENNA CONNECTIONS (sold separately)

Wiring Harness: 70-1761 • TYTO-01 (w/ amp)

Antenna Adapter: Not required

TOOLS REQUIRED

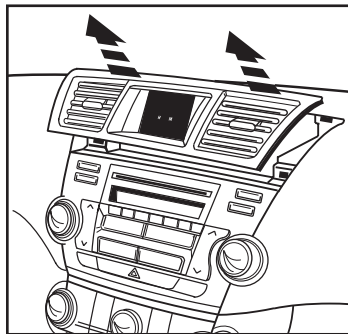
- Panel removal tool • Phillips screwdriver
- Cutting tool • 10mm socket wrench

Attention! Let the vehicle sit with the key out of the ignition for a few minutes before removing the factory radio. When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

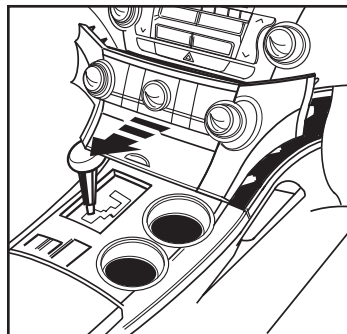
DASH DISASSEMBLY

1. Unclip and remove the a/c vent panel. (Figure A)
2. Unclip, unplug, and remove the climate control panel. (Figure B)
3. Remove (4) 10mm bolts securing the radio. Slide the radio out, then unplug and remove the radio/display assembly. (Figure C)

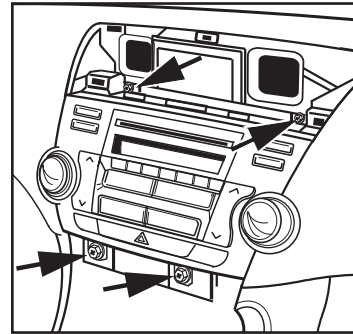
Continue to Kit Preparation



(Figure A)



(Figure B)



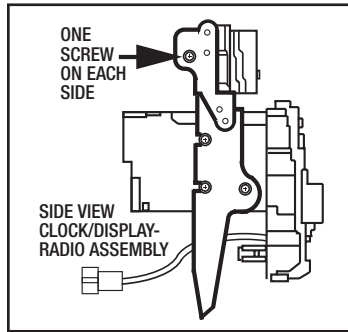
(Figure C)

KIT PREPARATION

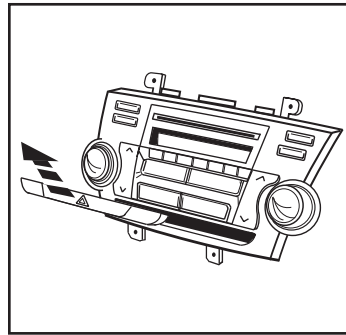
From the factory radio/display assembly:

1. Remove (2) Phillips screws securing the display panel, then remove. (Figure A)
2. Unclip and remove the hazard switch assembly. (Figure B)
3. Remove (4) panel clips. (Figure C)

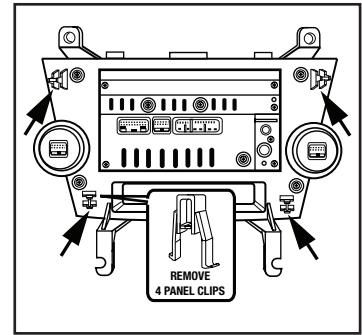
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(Figure A)



(Figure B)



(Figure C)

KIT PREPARATION (CONT.)

To the 99-8222 radio housing:

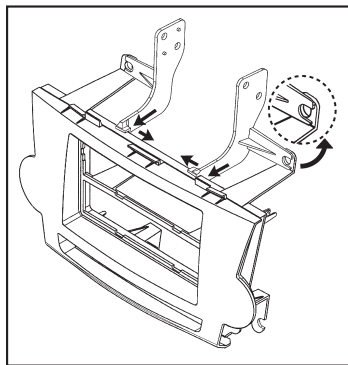
4. Attach the **radio housing brackets**.

(Figure D)

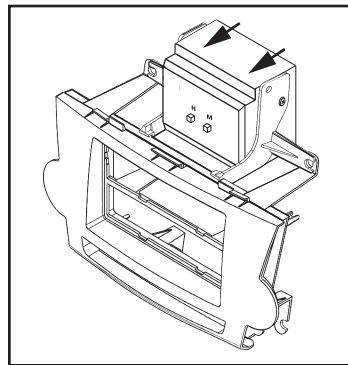
Note: Make sure the leg on the bracket points outward.

5. Slide the factory display panel into the **radio housing**, then secure using the factory screws. (Figure E)
6. Clip in the hazard switch assembly. (Figure F)
7. Attach the (4) factory panel clips removed in step 3. (Figure G)

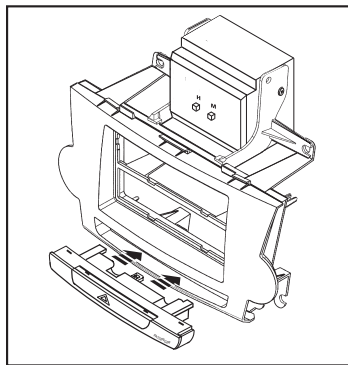
Continue to Kit Assembly



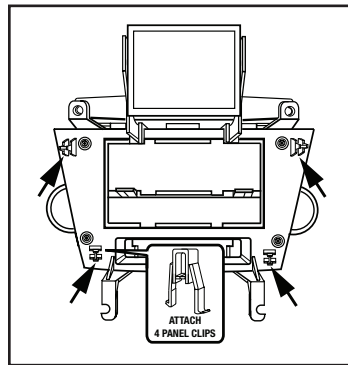
(Figure D)



(Figure E)



(Figure F)

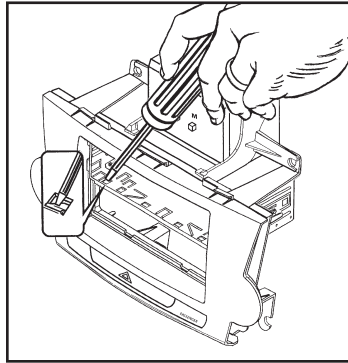


(Figure G)

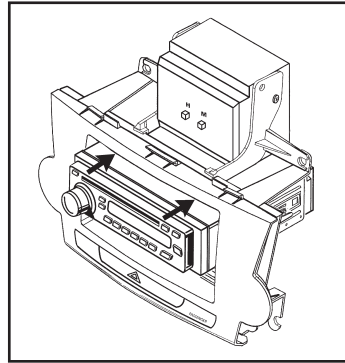
KIT ASSEMBLY

DIN radio provision with pocket

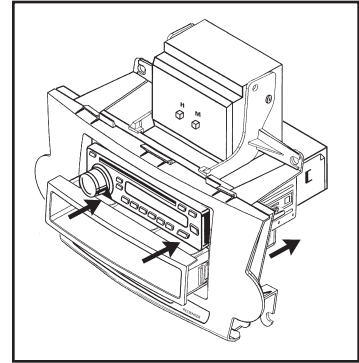
1. Remove the metal DIN sleeve from the aftermarket radio.
2. Slide the sleeve into the **radio housing** assembly and secure by bending the metal locking tabs outward. (Figure A)
3. Slide the radio back into the sleeve until it snaps into place. (Figure B)
4. Snap the **pocket** into the radio housing assembly. (Figure C)
5. Locate the factory wiring harness and antenna connector in the dash. Complete all necessary connections to the radio and vehicle. Metra recommends using the proper mating adapter from Metra or AXXESS. Test the radio and vehicle for proper operation.
6. Reassemble the dash in reverse order of disassembly.



(Figure A)



(Figure B)

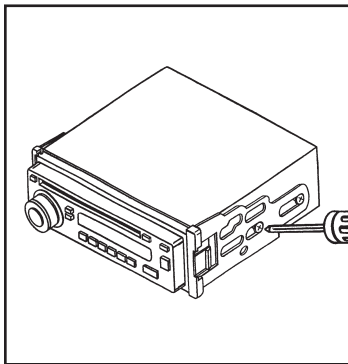


(Figure C)

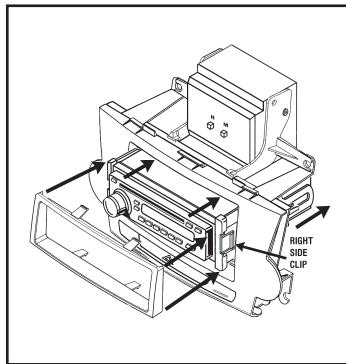
KIT ASSEMBLY

ISO DIN radio provision with pocket

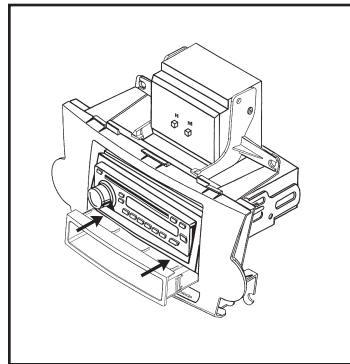
1. Remove the metal DIN sleeve and trim ring from the aftermarket radio.
2. Secure the **ISO DIN brackets** to the radio using the screws supplied with the radio. (Figure A)
3. Slide the radio into the radio housing assembly until it snaps into place. (Figure B)
4. Snap the **ISO DIN trim plate** onto the front of the **radio housing**. (Figure B)
5. Snap the **pocket** into the radio housing assembly (Figure C)
6. Locate the factory wiring harness and antenna connector in the dash. Complete all necessary connections to the radio and vehicle. Metra recommends using the proper mating adapter from Metra or AXCESS. Test the radio and vehicle for proper operation.
7. Reassemble the dash in reverse order of disassembly.



(Figure A)



(Figure B)

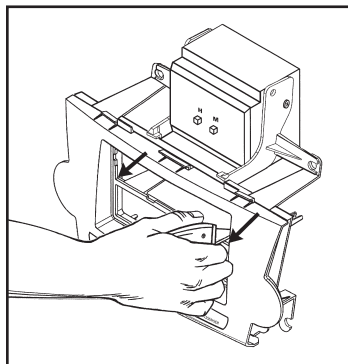


(Figure C)

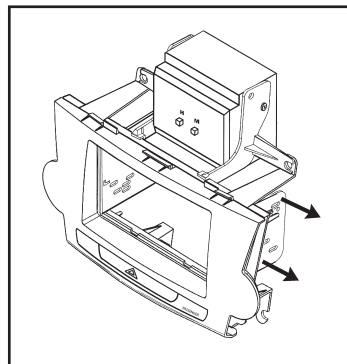
KIT ASSEMBLY

ISO DDIN radio provision

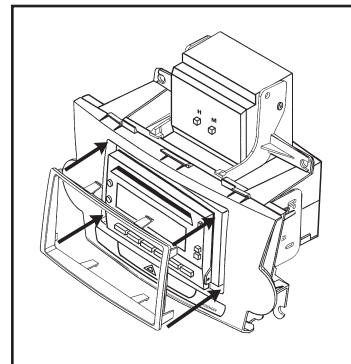
1. Cut and remove the center bar from the **radio housing**. (Figure A)
2. Attach the **ISO DDIN brackets** to the inside opening of the radio housing assembly. (Figure B)
3. Slide the radio into the radio housing assembly, then secure using screws supplied with the radio. (Figure C)
4. Snap the **ISO DDIN trim plate** onto the front of the radio housing assembly. (Figure C)
5. Locate the factory wiring harness and antenna connector in the dash. Complete all necessary connections to the radio and vehicle. Metra recommends using the proper mating adapter from Metra or AXXESS. Test the radio and vehicle for proper operation.
6. Reassemble the dash in reverse order of disassembly.



(Figure A)



(Figure B)



(Figure C)



99-8222
INSTALLATION INSTRUCTIONS



If you are having difficulties with the installation of this product, contact our Tech Support line either by phone at **1-800-253-TECH**, or email at **techsupport@metra-autosound.com**. Before doing so, look over the instruction booklet a second time and ensure that the installation was performed exactly as the instruction booklet is stated. Have the vehicle apart and ready to perform troubleshooting steps before contacting Metra/Axxess Tech Support.



KNOWLEDGE IS POWER

Enhance your installation and fabrication skills by enrolling in the most recognized and respected mobile electronics school in our industry. Log onto www.installerinstitute.com or call 800-354-6782 for more information and take steps toward a better tomorrow.



**Metra recommends MECP
certified technicians**