



Installation instructions for part 99-7809B

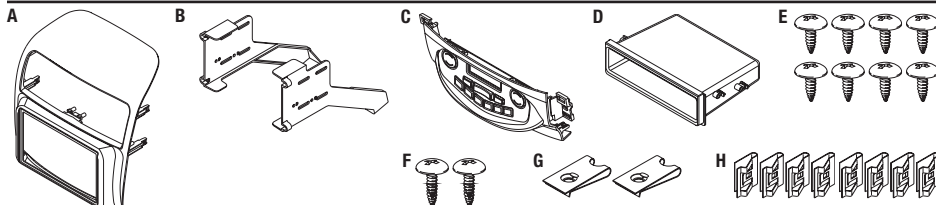
## Acura TSX 2004-2008 99-7809B

### KIT FEATURES

- ISO DIN radio provision with pocket
- DDIN radio provision
- **Painted matte black**

### KIT COMPONENTS

- A) Radio trim panel • B) Radio brackets • C) Climate control • D) Pocket • E) (8) #8 x 3/8" Phillips screws
- F) (2) #10 x 3/4" Phillips screws • G) (2) #8 Speed clips • H) (8) PC-7871B Panel clips • Wire harness (not shown)



### WIRING & ANTENNA CONNECTIONS (sold separately)

Wiring Harness: • Included    Antenna Adapter: • Not required



## Table of Contents

Dash Disassembly .....	2-4
Kit Assembly	
– ISO DIN radio provision with pocket.....	5
– DDIN radio provision .....	6
Wiring Instructions .....	7
Kit Programming.....	8

### TOOLS REQUIRED

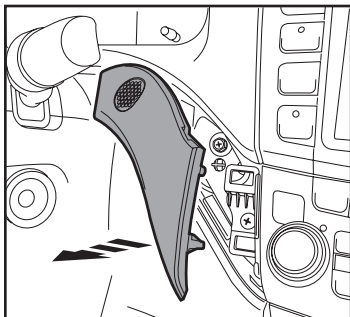
- Panel removal tool • Phillips screwdriver
- 5/16" socket wrench • Rotary cutting tool

**\*\*\*\* Note:** Factory clock and cabin temperature display at the top of the dash will be lost. The new radio will have a clock on the radio display, and the new Metra climate control display will show the temperature information.

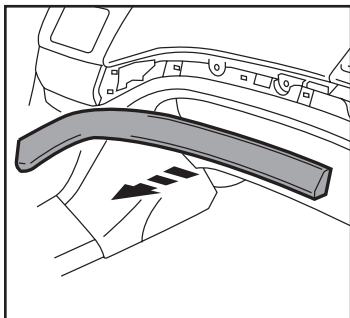
**CAUTION:** Metra recommends disconnecting the negative battery terminal before beginning any installation, unless the vehicle manufacturer recommends against so. Please check with your local Dealership for more information. All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before reconnecting the battery or cycling the ignition. Also, do not remove the factory radio with the key in the on position, or the vehicle running. It would be best to remove the key from the ignition and then wait a few seconds before removing the factory radio.

## Dash Disassembly

1. Unclip and remove the (2) trim panels on either side of the radio. The driver side trim will have the cabin temperature sensor attached to it (*complete removal should not be necessary. If you do remove this trim it must be reconnected prior to programming the new climate controls*). (Figures A, B)
2. Remove (1) Phillips screw on either side of the radio.



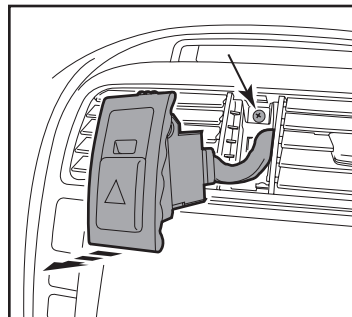
(Figure A)



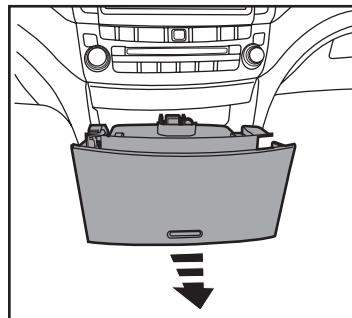
(Figure B)

3. Unclip and remove the hazard button above the factory radio, and remove (1) Phillips screw exposed between the a/c vents. (Figure C)
4. Unclip and remove the pocket below the radio. (Figure D)

*Continued on the next page*



(Figure C)

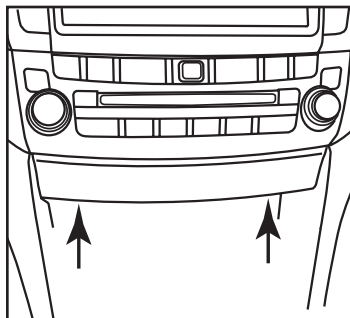


(Figure D)

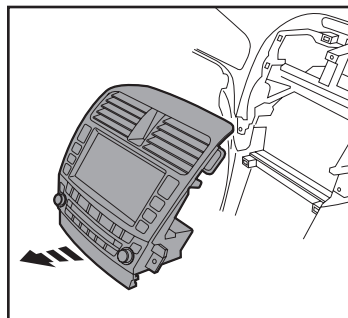
## Dash Disassembly

5. Remove (2) 5/16" bolts under the radio facing up that secure the radio brackets. (Figure E)
6. Unclip, unplug and then remove the factory radio/climate control assembly. (Figure F)
7. Remove the a/c vents from the factory panel and set aside for kit assembly. (Figure G)

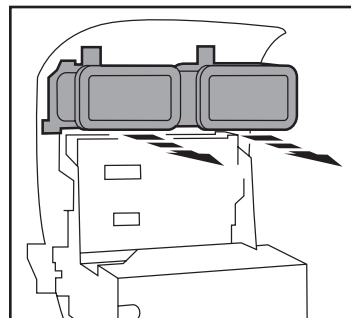
*Continued on the next page*



(Figure E)



(Figure F)

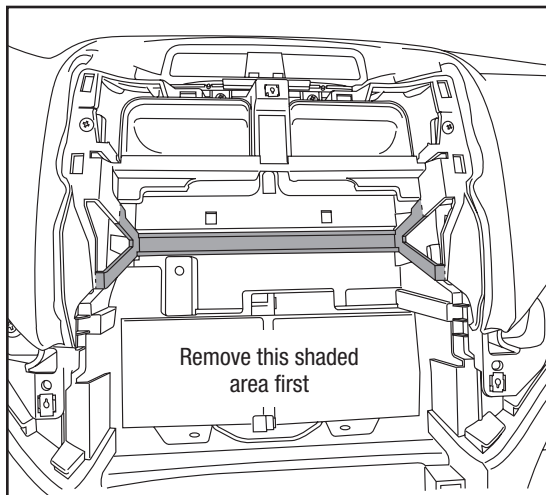


(Figure G)

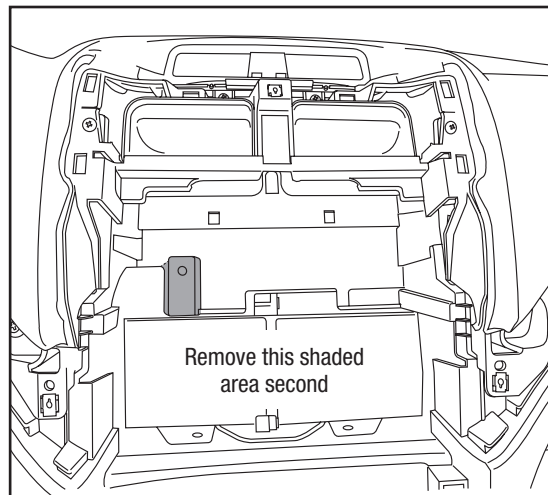
## Dash Disassembly

8. Using a rotary cutting tool, cut and remove the plastic shaded areas from the radio cavity. (Figures H, I)

*Continue to kit assembly*



(Figure H)

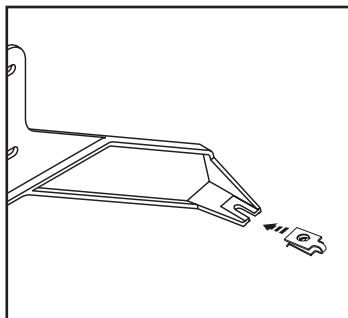


(Figure I)

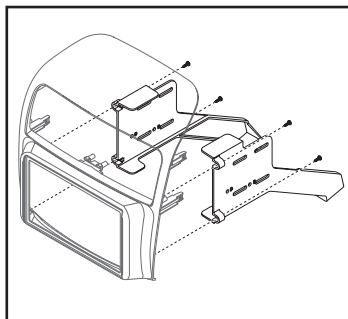
## Kit Assembly

### ISO DIN radio provision with pocket

1. Attach the (8) PC-7871B *panel clips* to the 99-7809 *radio trim panel*.
2. Attach (1) #8 speed clip provided to each *radio bracket* as shown. (*This will be the lower mounting point where the factory 5/16" screws were removed*). (Figure A)
3. Attach the *radio brackets* to the *radio trim panel* using (4) #8 x 3/8" Phillips screws provided. (Figure B)
4. Mount the *pocket* to the *bracket/panel* assembly with (4) #8 x 3/8" Phillips screws provided. (Figure C)
5. Remove the metal "DIN" sleeve and trim ring from the aftermarket radio.
6. Slide the radio into the assembly and secure with screws supplied with the radio. (Figure C)
7. Clip the a/c vents removed in step #7 of the disassembly into the *radio trim panel*.



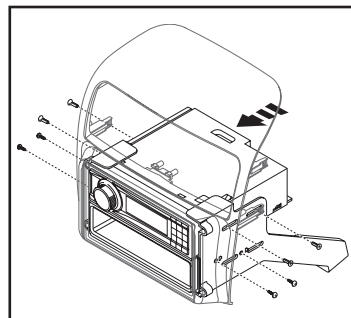
(Figure A)



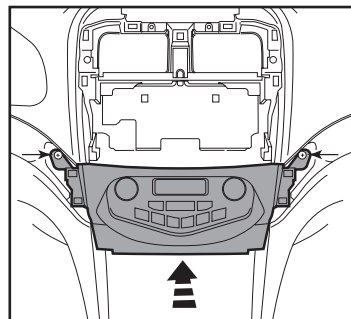
(Figure B)

8. Locate the factory wiring harness and antenna plug in the dash and make all necessary connections to the radio. Metra recommends using the proper mating adapters from Metra and/or AXCESS.
9. Plug in and clip the *Metra climate control assembly* into the dash. (Figure D)
10. Proceed to the Wiring Instruction section of this manual before mounting the radio assembly into the dash and completing the dash assembly.
11. After the Metra climate controls are programmed and tested, mount the new radio assembly into the dash, secure the lower radio bracket mounting points with (2) #10 x 3/4" Phillips screws provided, and reassemble the dash in reverse order of disassembly.

*Continue to Wiring Instructions*



(Figure C)

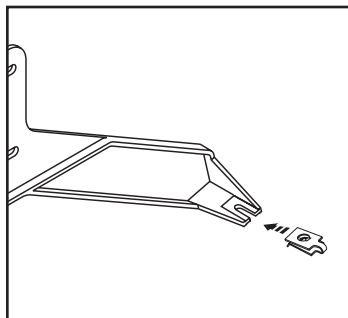


(Figure D)

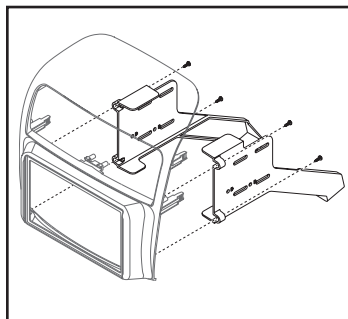
## Kit Assembly

### ISO DDIN radio provision

1. Attach the (8) PC-7871B *panel clips* to the 99-7809 *radio trim panel*.
2. Attach (1) #8 speed clip provided to each *radio bracket* as shown. (*This will be the lower mounting point where the factory 5/16" screws were removed*). (Figure A)
3. Attach the *radio brackets* to the *radio trim panel* using (4) #8 x 3/8" Phillips screws provided. (Figure B)
4. Slide the radio into the assembly and secure with screws supplied with the radio. (Figure C)
5. Clip the a/c vents removed in step #7 of the disassembly into the *radio trim panel*.



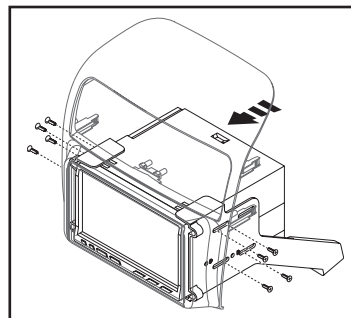
(Figure A)



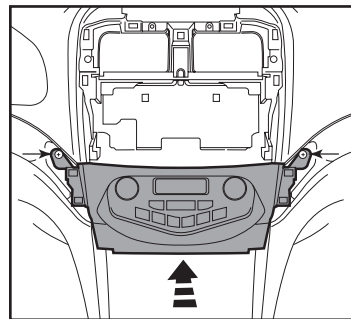
(Figure B)

6. Locate the factory wiring harness and antenna plug in the dash and make all necessary connections to the radio. Metra recommends using the proper mating adapters from Metra and/or AXCESS.
7. Plug in and clip the *Metra climate control assembly* into the dash. (Figure D)
8. Proceed to the Kit Programming section of this manual before mounting the radio assembly into the dash and completing the dash assembly.
9. After the Metra climate controls are programmed and tested, mount the new radio assembly into the dash, secure the lower radio bracket mounting points with (2) #10 x 3/4" Phillips screws provided, and reassemble the dash in reverse order of disassembly.

*Continue to Wiring Instructions*



(Figure C)



(Figure D)

## Wiring Instructions

### From the 20-pin harness:

- Connect the **Red** wire to the ignition wire of the aftermarket radio.
- Connect the **Yellow** wire to the radio's 12-volt battery or memory wire.
- Connect the **Black** wire to the radio's ground wire.
- Connect the **Blue** wire to the antenna turn on wire of the aftermarket radio. (if applicable)
- Connect the **Orange** wire to the illumination wire of the aftermarket radio. If the aftermarket radio has no illumination wire just tape off the **Orange/White** wire.
- Connect the **White** wire to the left front positive speaker output.

- Connect the **White/Black** wire to the left front negative speaker output.
- Connect the **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.
- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.

### Additional 12-pin harness (ASWC harness)

This 12-pin harness is to be used in conjunction with the ASWC-1 (not included).

Please refer to ASWC instructions for programming. The ASWC-1 is to retain the factory steering wheel controls if equipped.

Plug the 6-pin connector into the 99-7809 climate control panel.

Plug the 20-pin connector to the vehicle side harness.

### Caution:

**99-7809 applications only require the auto A/C plug locations. DO NOT use the manual plug location.**

The micro B USB connection is for future software updates to this if necessary. See [axxessinterface.com](http://axxessinterface.com) for updating information.

*Please disregard the white/red, white/ black, and black wires with bullet connectors coming from the 6-way plug. These are not used in any of the current 99-7809 applications.*

*Please disregard the plug location above the micro B USB connection. It will not be used.*

*Continue to Kit Programming on back cover*



Installation instructions for part 99-7809B



## Kit Programming

After all connections are made and before installing the radio assembly into the dash, you must program the kit.

1. \*\*\*\* Before programming the climate controls, make sure all connections are made to the Metra climate controls and the temperature sensor on the driver side dash trim is plugged in, failure to do so will cause the kit to not program properly. \*\*\*\*
2. Start the vehicle.
3. With the vehicle running, press and hold the rear defrost button until the display backlight starts to flash.
4. Release the rear defrost.
5. The display will continue to flash for up to 60 seconds, do nothing until it stops flashing.
6. When the display stops flashing test the climate control functionality. If they work properly, continue with the dash assembly.
7. If the climate controls do not function properly turn off the vehicle and check that all connections are secure. After all connections are verified, try to program the kit once more while writing down the codes that flash on the display during the process (this is important information you may need if you must call Technical Support).

### IMPORTANT

*If you are having difficulties with the installation of this product, please call our Tech Support line at 1-800-253-TECH. Before doing so, look over the instructions a second time, and make sure the installation was performed exactly as the instructions are stated. Please have the vehicle apart and ready to perform troubleshooting steps before calling.*



### 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](http://www.installerinstitute.com) or call 800-354-6782 for more information and take steps toward a better tomorrow.



**Metra recommends MECP  
certified technicians**