



## INSTALLATION INSTRUCTIONS FOR PART 95-7504

### APPLICATIONS

# Mazda 3 2004-2009

## 95-7504

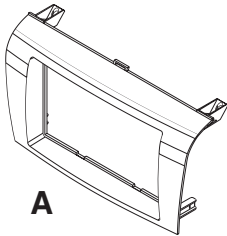
### KIT FEATURES

- Double DIN Radio Provision
- Stacked ISO Mount Units Provision
- Bonus Display Replacement Pocket

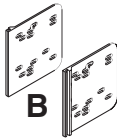


### KIT COMPONENTS

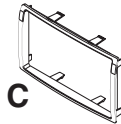
- A) Radio Housing • B) Double DIN Brackets • C) Double DIN Trim plate
- D) Display Replacement Pocket • E) Display Retention Brackets
- F) (2) 3/8" #10 Bolts and (2) #10 Nuts • G) (2) PC-7503 Panel Clips



A



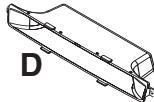
B



C



F



D



E



G

### WIRING AND ANTENNA CONNECTIONS (Sold Separately)

#### Wiring Harness:

- 70-7903 - Mazda harness 2001-up

#### Antenna Adapter:

- Not required

### TOOLS REQUIRED:

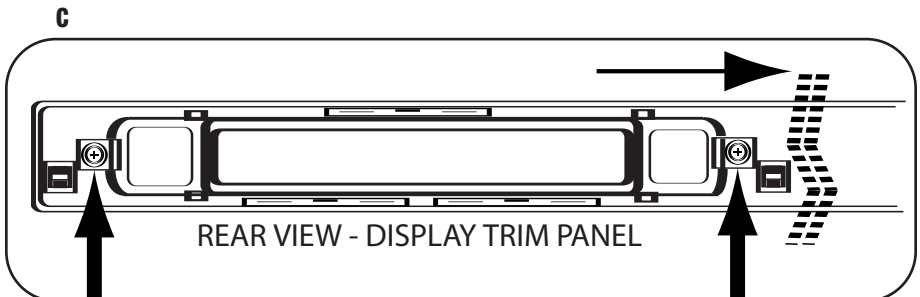
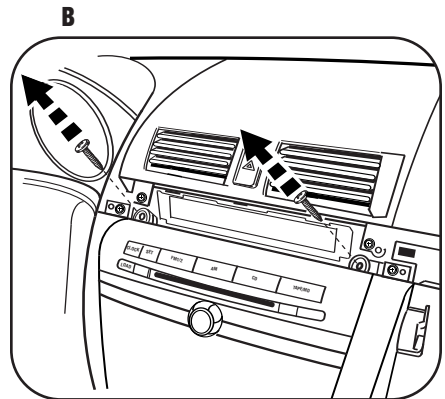
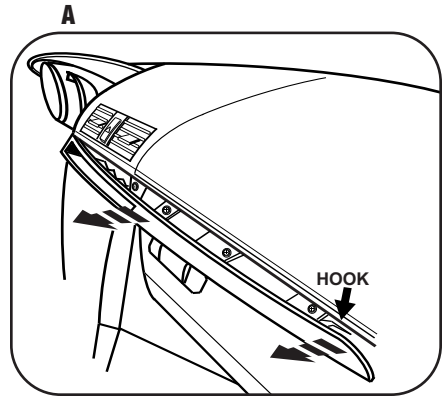
- Small Flat Blade Screwdriver/ Panel Removal Tool
- Phillips Screwdriver



## MAZDA 3 2004-2009

- 1 Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2 Unclip and remove display trim panel above radio. **Tip:** Open glove box and start in middle of panel working towards drivers side first because last connection on far passenger side is a hook. (Figure A)
- 3 Remove (2) Phillips screws exposed at top of radio then unclip and remove radio. **Note:** Display is attached to radio brackets and will be removed at same time as radio. (Figure B)
- 4 Remove (2) Phillips screws on back of display trim panel securing display trim then unclip and remove. (Figure C)

*Continue to display/pocket assembly.*



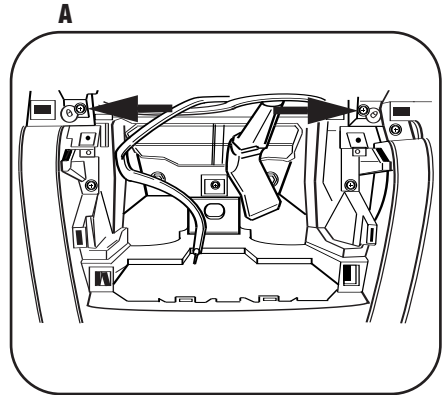


**DISPLAY BRACKETS/POCKET ASSEMBLY**

**MAZDA 3 2004-2009**

**AUTOMATIC CLIMATE CONTROL VEHICLES**

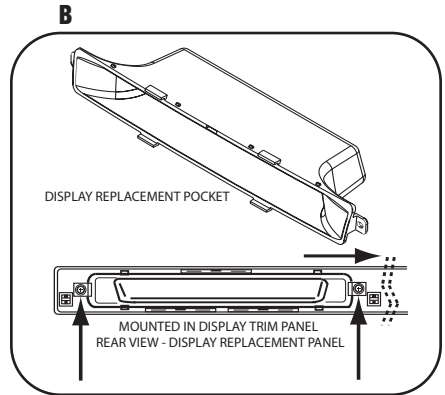
- 1 Using the (2) 3/8" #10 bolts and (2) #10 nuts attach the display retention brackets to the display unit.
- 2 Remove the (2) Phillips screws in the sub dash. (Figure A)
- 3 Secure the display unit into the sub dash using the screws removed in the previous step.



**MANUAL CLIMATE CONTROL VEHICLES**

- 1 Using the (2) Phillips screws removed in step 4 of Dash Disassembly secure the display replacement pocket to the back of the display trim panel. (Figure B)

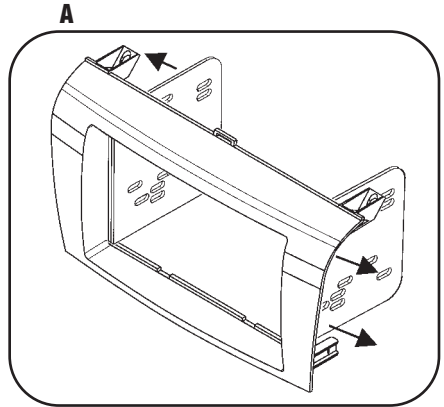
*Continue to kit assembly.*



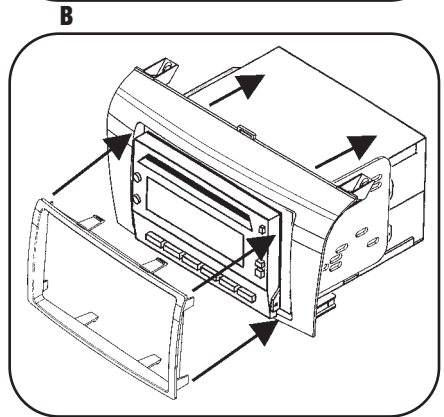
## DOUBLE DIN RADIO PROVISION

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

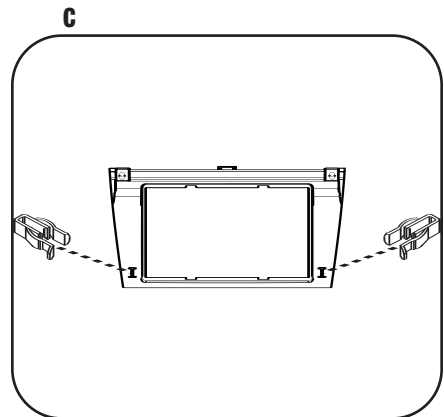
**1** Snap the Double DIN brackets to the inside edge of the radio housing. (Figure A)



**2** Slide the Double DIN radio into the bracket/radio housing assembly and secure the radio to the assembly using the screws supplied with the radio. Snap the trim plate onto the front of the radio housing. (Figure B)



**3** Attach the (2) PC-7503 panel clips to the rear of the radio housing. (Figure C)



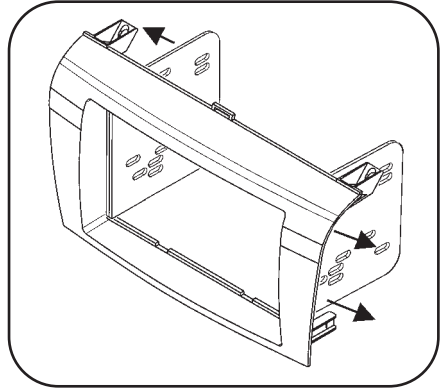
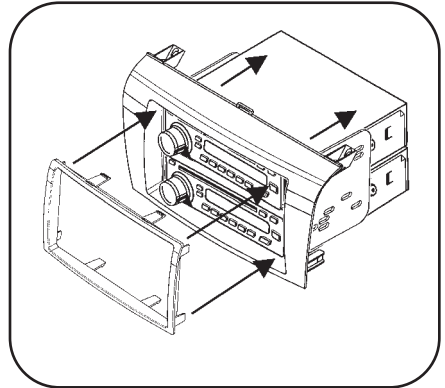
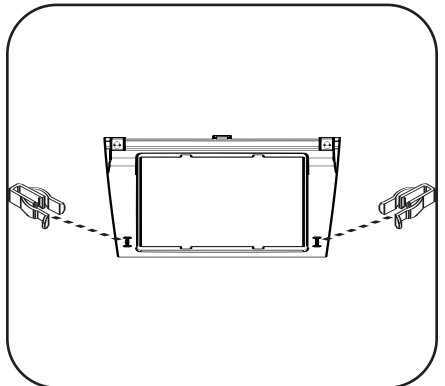
*Continue to final assembly.*

**STACKED ISO UNITS PROVISION**

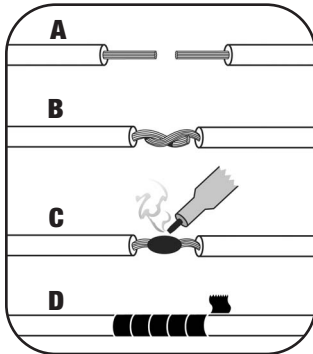
*\*Note: Refer also to the instructions included with the aftermarket radio.*

- 1** Snap the Double DIN brackets to the inside edge of the radio housing. (Figure A)
- 2** Slide the stacked ISO units into the bracket/radio housing assembly and secure the units to the kit using the screws supplied with the units. Snap the trim plate onto the front of the radio housing. (Figure B)
- 3** Attach the (2) PC-7503 panel clips to the rear of the radio housing. (Figure C)

*Continue to final assembly.*

**B****C**

## FINAL ASSEMBLY



**(A) Strip wire ends back 1/2"**

**B) Twist ends together**

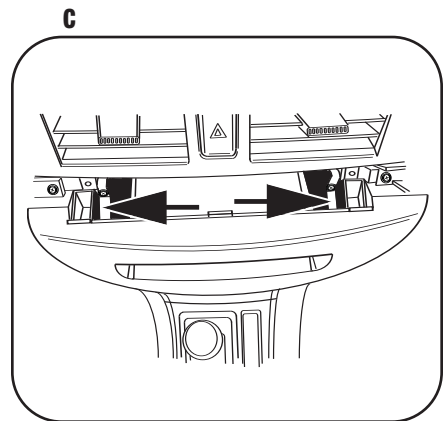
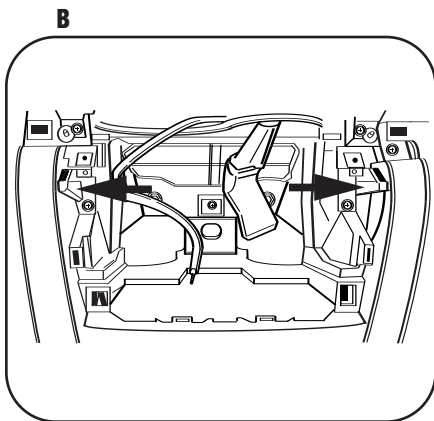
**C) Solder**

**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.

**Note:** When inserting the 99-7504 into the sub dash be aware of the locations pointed out in Figure B.

If the 99-7504 does not snap in correctly the result will be a noticeable gap on each side of the installation kit. (Figure C)



## 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	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.