INSTALLATION INSTRUCTIONS FOR PART 99-7324

APPLICATIONS

KIA Optima

2006.5-2010

99-7324

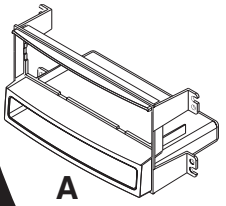


KIT FEATURES

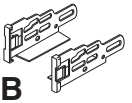
- DIN head unit provision with pocket
- ISO DIN head unit provision with pocket

KIT COMPONENTS

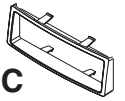
A) Radio Housing • B) ISO Brackets • C) Trim Plate



A



B



C

WIRING AND ANTENNA CONNECTIONS (Sold Separately)

Harness:

- **70-1004 - Hyundai 2006-up/KIA harness 2004-up**
- **70-7303 - Hyundai / KIA Harness 2009**

Antenna Adapter:

- **40-KI11 - 2009-10 Kia Optima**

TOOLS REQUIRED:

Phillips Screwdriver • Small Flat Blade Screwdriver/
Panel Removal Tool



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Dash Disassembly

- Kia Optima 2006.5-2010 1

Kit Assembly *

- Din Head Unit provision with Pocket 2

- ISO Din Head Unit provision with Pocket 3

Final Assembly 4

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



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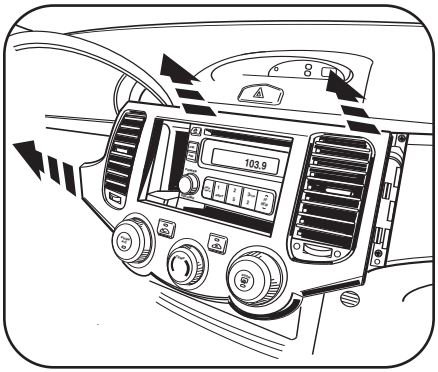
1 Disconnect the negative battery terminal to prevent an accidental short circuit.

2 Unclip and remove the panel surrounding the radio including the a/c vents and climate controls. **(Figure A)**

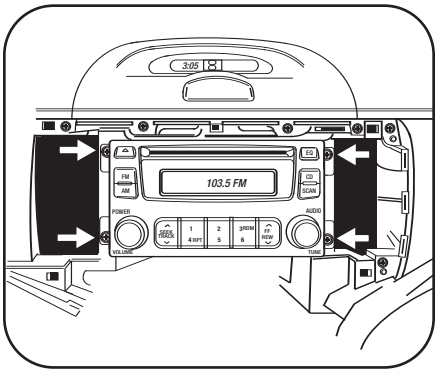
3 Remove (4) Phillips screws securing radio. Unplug and remove radio. **(Figure B)**

Continue to kit assembly.

A



B



DIN HEAD UNIT PROVISION

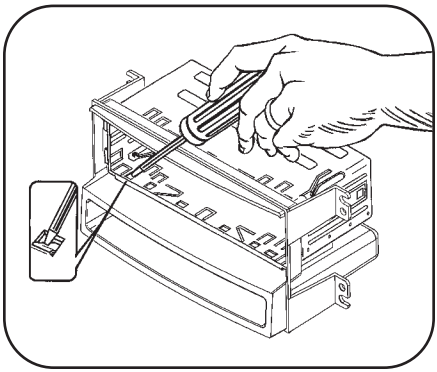
Note: Refer also to the instructions included with the aftermarket radio.

1 Slide the DIN cage into the Radio Housing and secure by bending the metal locking tabs outward **(Figure A)**

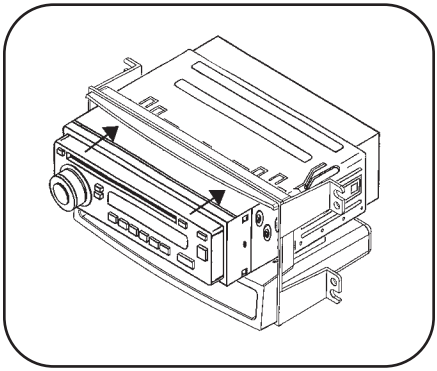
2 Slide the aftermarket radio into the cage until it snaps into place. **(Figure B)**

Continue to final assembly.

A



B



ISO DIN HEAD UNIT PROVISION

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

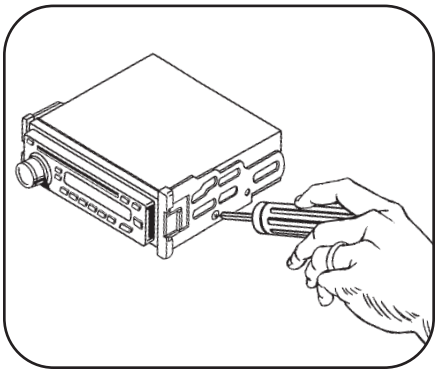
1 Mount the ISO Brackets to the radio using the screws supplied with the radio. **(Figure A)**

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

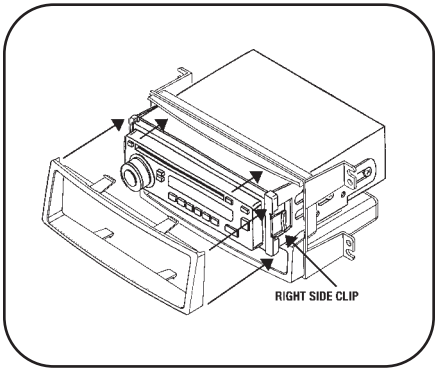
3 Snap the trim plate onto the front of the Radio Housing. **(Figure B)**

Continue to final assembly.

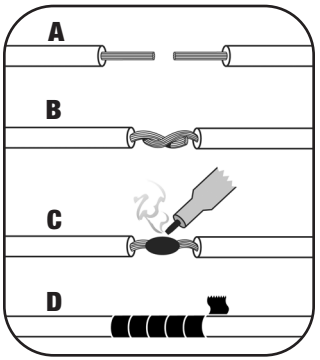
A



B



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.

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.

NOTES

99-7324 INSTRUCTIONS

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