



## INSTALLATION INSTRUCTIONS FOR PART 99-5812

### APPLICATIONS

#### FORD

Edge 2007 / Expedition 2007  
F-150 2004-07 / FreeStar 2004-07  
Mustang 2005-07 / Five-Hundred 2005-07  
Freestyle 2005-07 / Focus 2005-07 / Super Duty 2008  
F Series 2005-07 / Fusion 2006-07 / Explorer 2006-07  
Ford Explorer Sport Trac 2006-07  
Ford Taurus 2008, Ford Taurus X 2008

#### MERCURY

Monterey 2004-07 / Milan 2006-07  
Montego 2005-07 / Mountaineer 2006-07  
Sable 2008

#### LINCOLN

Mark LT 2005-07  
Factory Navigation Only: MKX 2007 / MKZ 2007 / Navigator 2007  
Zephyr 2006

# 99-5812

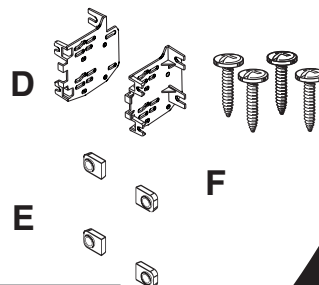
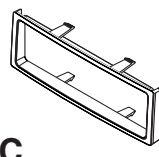
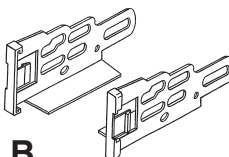
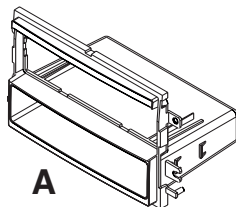
### KIT FEATURES

- DIN Head Unit Provision with Pocket
- ISO DIN Head Unit Provision with Pocket



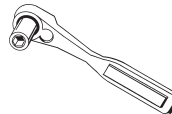
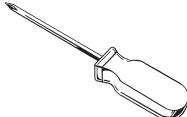
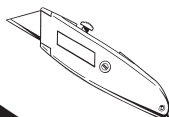
### KIT COMPONENTS

A) Radio Housing • B) ISO Brackets • C) Trim Plate • D) Side brackets • E) Spacers • F) (4) Screws



### TOOLS REQUIRED:

Cutting Tool • Phillips Screwdriver • Socket Wrench



1-800-221-0932



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## Kit Assembly

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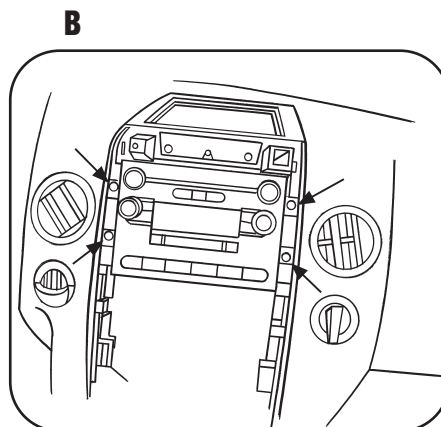
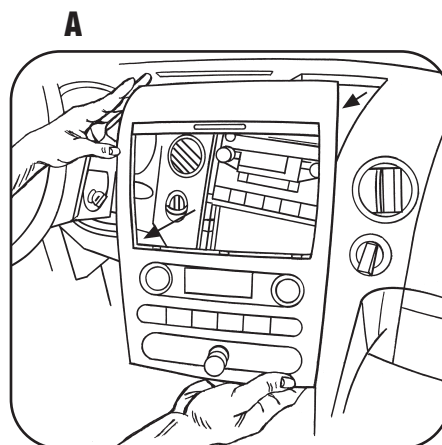
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*\*Note: Refer also to the instructions included with the aftermarket radio.*

**FORD F-150 2004-2007**  
**LINCOLN MARK LT 2005-07**  
**FORD EXPEDITION 2007**  
**FORD EDGE 2007**

- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unsnap and remove entire panel surrounding the radio and climate controls. (Figure A)
- 3** Remove (4) 9/32" screws to remove the factory radio. (Figure B)

*Continue to kit assembly*

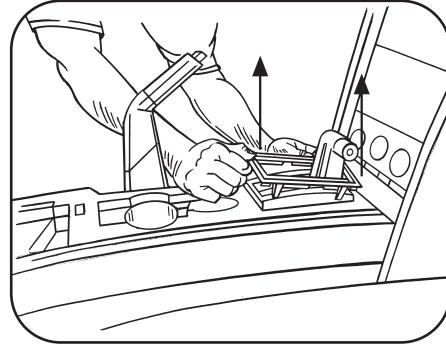


## FORD MUSTANG 2005-2007

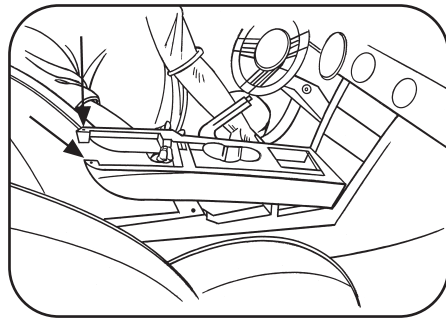
- 1 Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2 Remove the small rectangular shifter lever trim panel if equipped. (Figure A)
- 3 Remove (2) Phillips screws from under the center armrest at the back of the shifter trim panel (including cup holders). (Figure B)
- 4 Unclip and remove panel. (Figure B)
- 5 Unclip and remove the (2) center stack trim panels from the left and right side of the radio and climate controls. (Figure C)
- 6 Remove (6) 9/32" screws from center trim panel surrounding the radio and climate controls then unclip and remove panel. (Figure D)
- 7 Remove (4) 9/32" screws from the radio to remove. (Figure E)

*Continue to kit assembly*

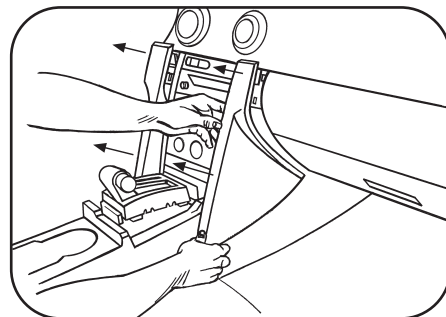
**A**



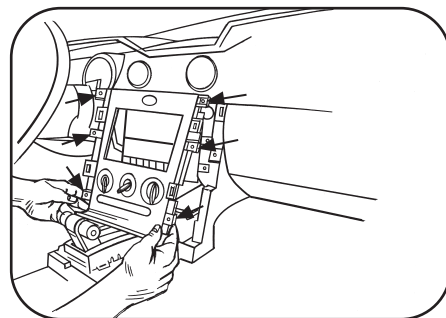
**B**



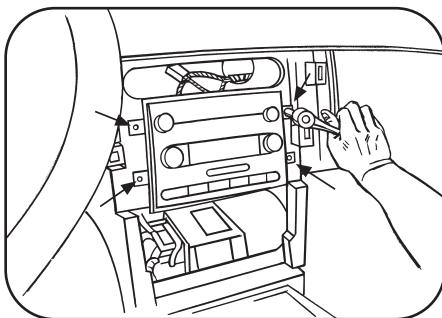
**C**



**D**



**E**

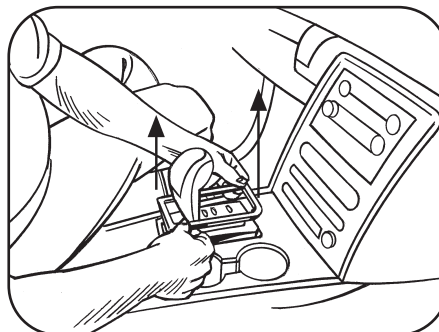


**FORD FIVE-HUNDRED 2005-2007, FORD TAURUS 2008  
MERCURY MONTEGO 2005-2007, MERCURY SABLE 2008**

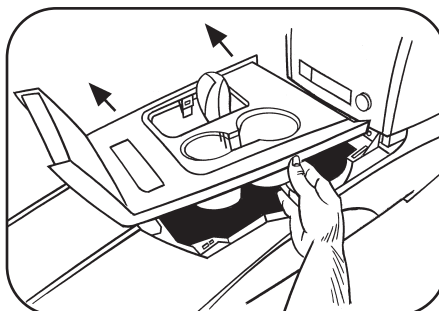
- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unclip and remove the small rectangular trim around shift lever. (Figure A)
- 3** Unclip and remove the entire panel (including cup holders) surrounding the shift lever. (Figure B)
- 4** Remove (2) 9/32" screws at the bottom of the center radio/ climate control panel. (Figure C)
- 5** Unclip and remove the center panel. (Figure D)
- 6** Remove (4) 9/32" screws from the radio to remove. (Figure E)

*Continue to kit assembly*

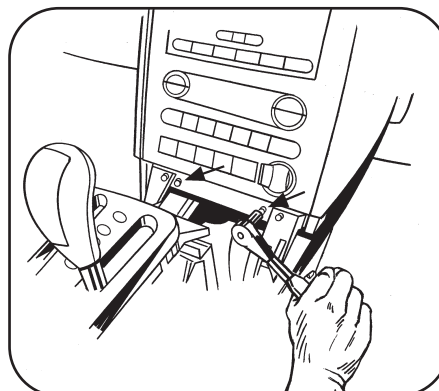
**A**



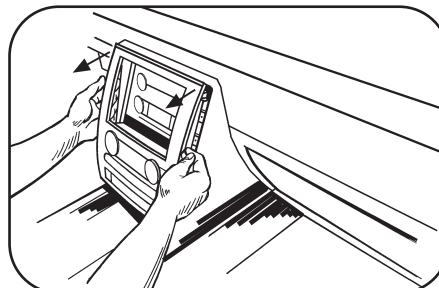
**B**



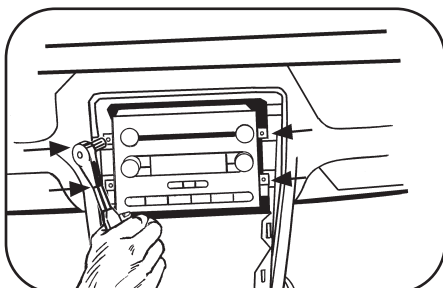
**C**



**D**



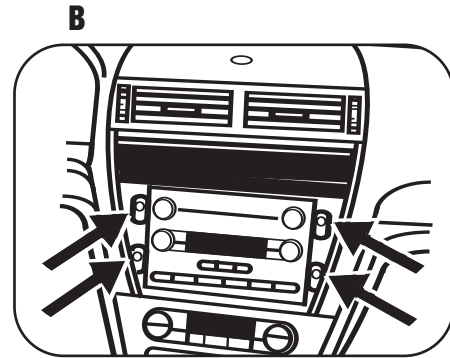
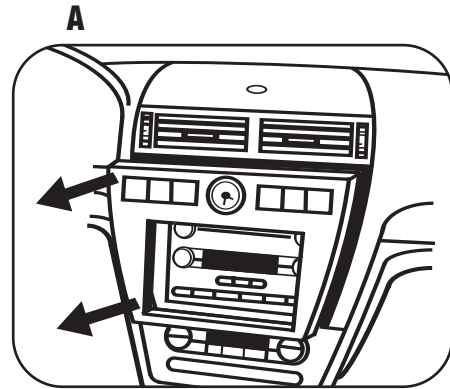
**E**



**FORD FUSION 2006-2007**  
**MERCURY MILAN 2006-2007**

- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unsnap and remove entire panel surrounding the radio and climate controls. (Figure A)
- 3** Remove (4) 9/32" screws to remove the factory radio. (Figure B)

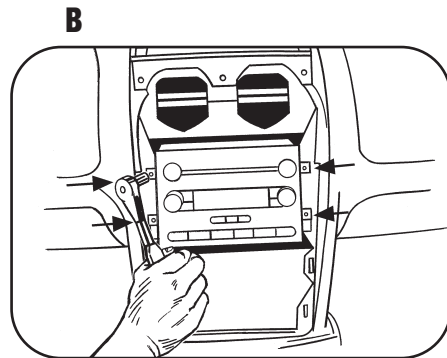
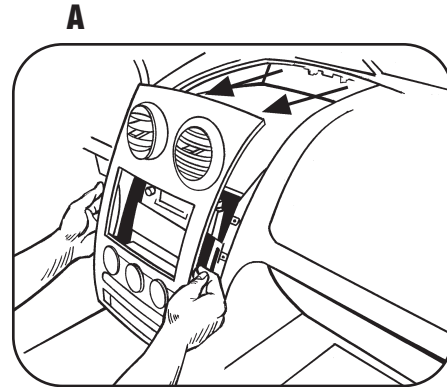
*Continue to kit assembly*



**FORD FREESTYLE 2005-2007****FORD TAURUS X 2008**

- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unclip and remove entire panel surrounding the radio and a/c controls. (Figure A)
- 3** Remove (4) 9/32" screws from radio to remove. (Figure B)

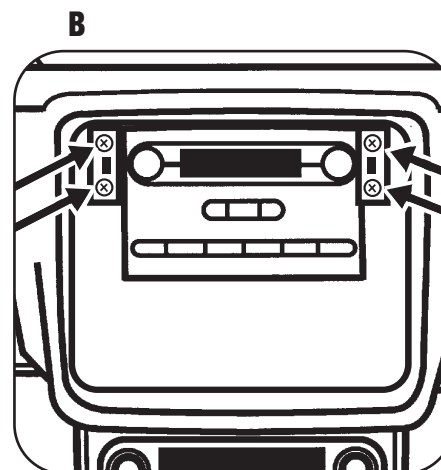
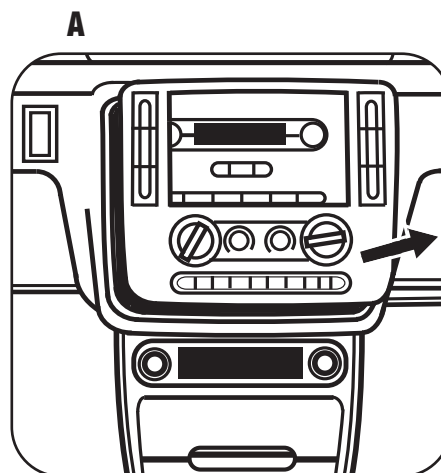
*Continue to kit assembly*



## **FORD FREESTAR 2004-2007** **MERCURY MONTEREY 2004-2007**

- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unsnap and remove entire panel surrounding the radio and climate controls. (Figure A)
- 3** Remove (4) 9/32" screws to remove the factory radio. (Figure B)

*Continue to kit assembly*

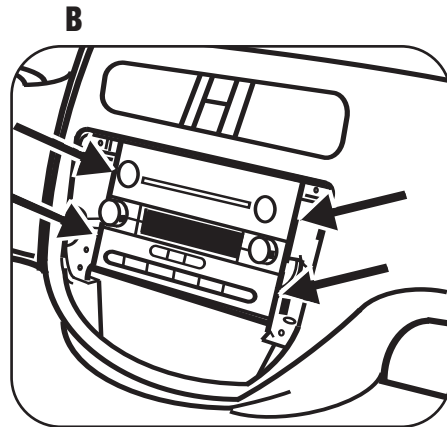
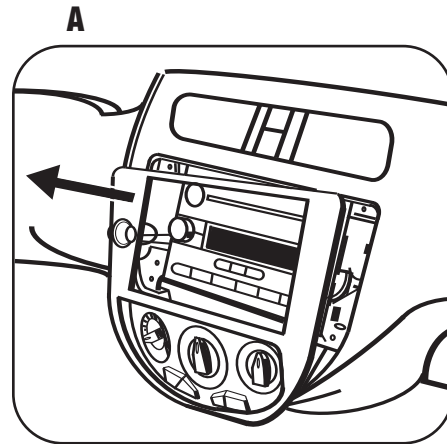




**FORD FOCUS 2005-2007**

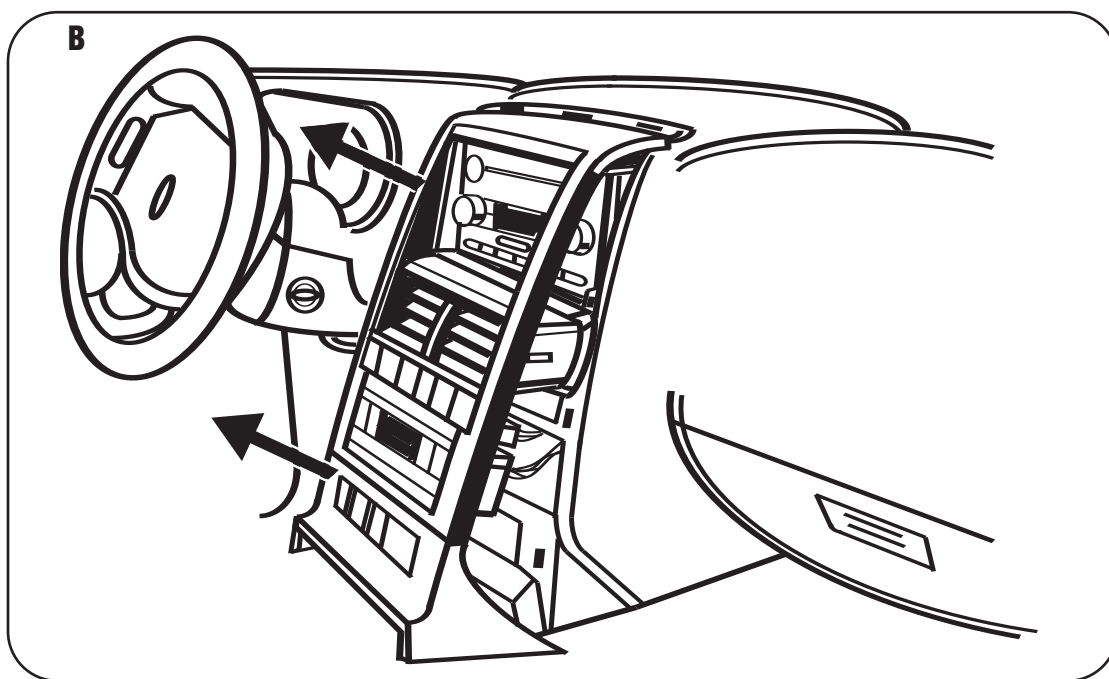
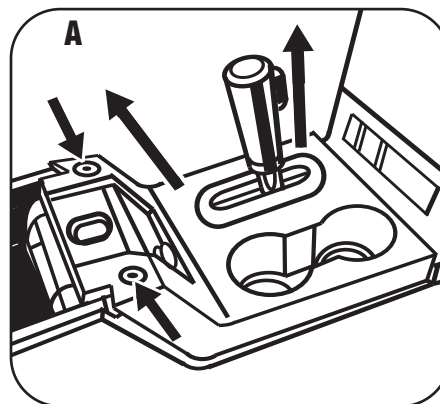
- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unsnap and remove entire panel surrounding the radio and climate controls. (Figure A)
- 3** Remove (4) 9/32" screws to remove the factory radio. (Figure B)

*Continue to kit assembly*

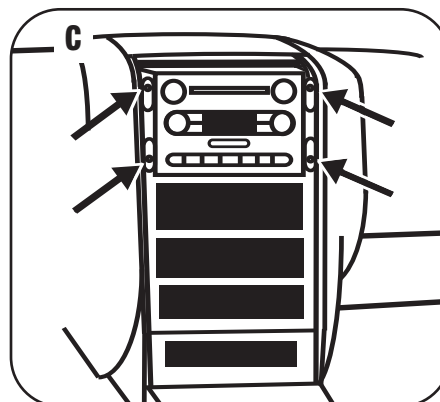


**FORD EXPLORER 2006-2007**  
**FORD SPORT TRAC 2006-2007**  
**MERCURY MOUNTAINEER 2006-2007**

- 1 Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2 Open center console and remove (2) Phillips screws then unclip and remove entire panel surrounding shifter. (Figure A)



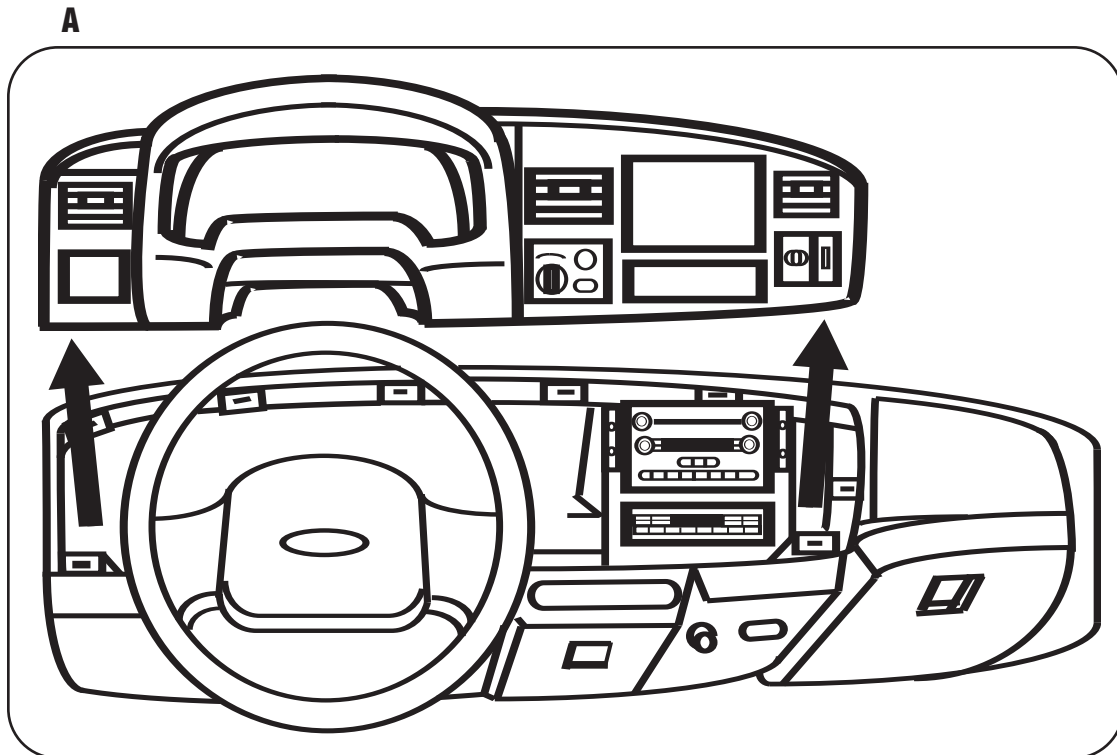
- 3 Remove dash panel surrounding radio to access the factory radio screws. (Figure B)
- 4 Remove (4) 9/32" screws to remove the factory radio. (Figure C)



*Continue to kit assembly*

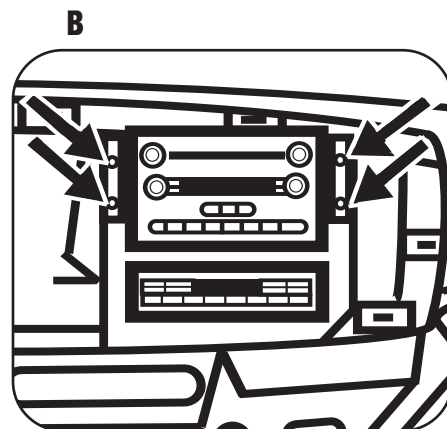
**FORD F SERIES SUPER DUTY 2005-2007**

- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unsnap and remove entire panel surrounding the radio and climate controls. (Figure A)



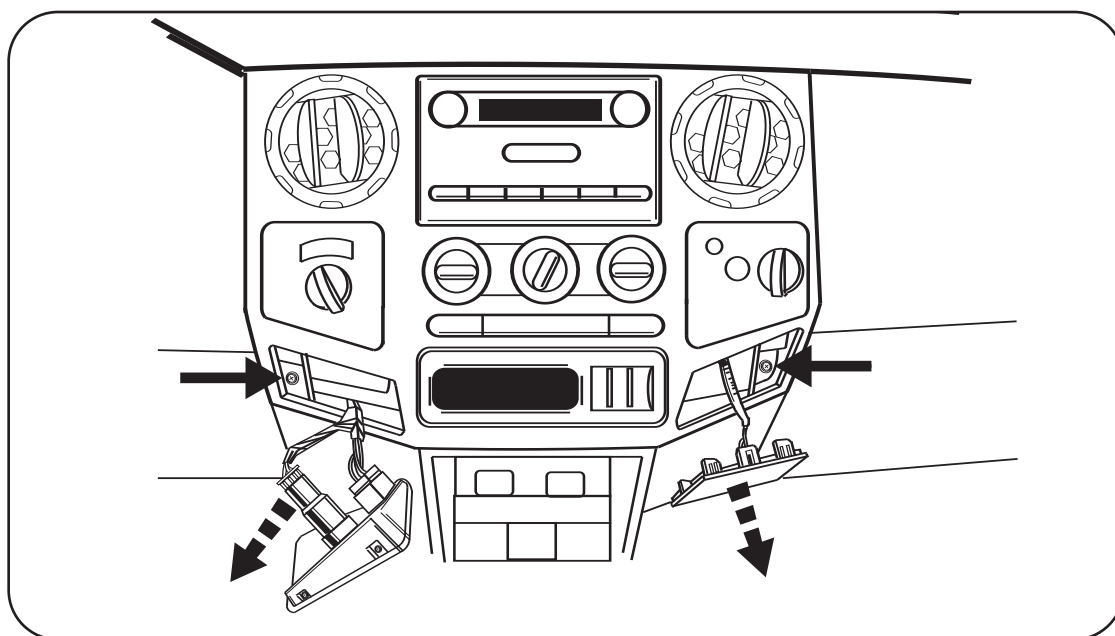
- 3** Remove (4) 9/32" screws to remove the factory radio. (Figure B)

*Continue to kit assembly*



## **FORD SUPER DUTY 2008**

- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unclip and remove the power outlet panel and the blank panel on the left and right side of the radio trim panel.  
(Figure A)

**A**

- 3** Remove the (2) 9/32" screws exposed behind the two panels remove in step 2.
- 4** Unclip and remove the entire radio trim panel including the a/c control and vents.
- 5** Remove (4) 9/32" screws securing the radio.

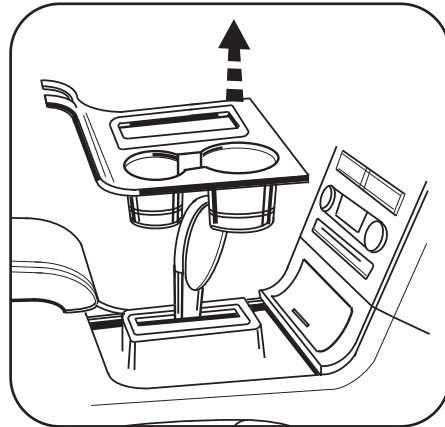
*Continue to kit assembly*

## **LINCOLN MKX 2007**

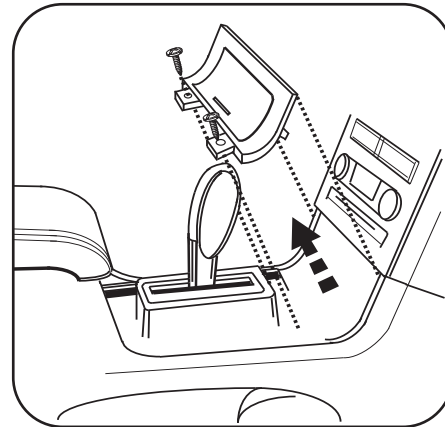
- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Open center console lid and unclip and remove the center console trim panel surrounding the shifter. (Figure A)
- 3** Remove (2) Phillips screws from the storage bin then unclip and remove the bin. (Figure B)
- 4** Unclip and remove the upper and lower center trim panel as one assembly. (Figure C)
- 5** Remove (4) 9/32" screws securing the radio. Unplug and remove the Radio.

*Continue to kit assembly*

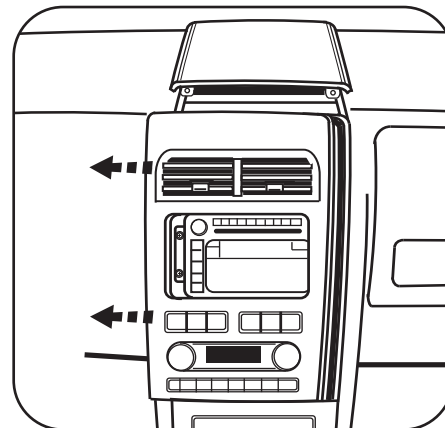
**A**



**B**



**C**

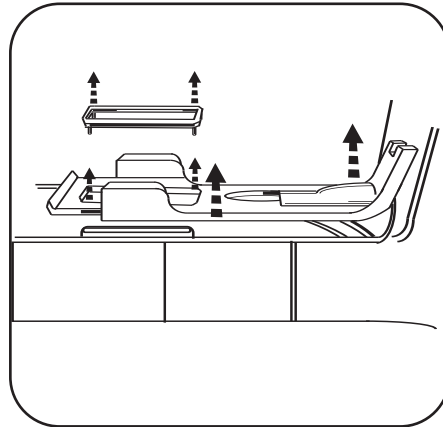


**LINCOLN MKZ 2007 / LINCOLN ZEPHYR 2006**

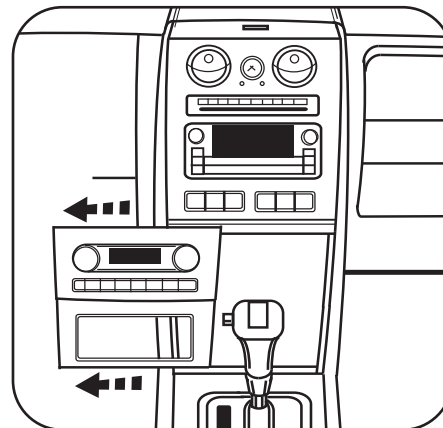
- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Open and remove the top of the center console. (Figure A)
- 3** Open ashtray door and remove ashtray then remove (1) Phillips screw from inside ashtray cavity. Close ashtray door.
- 4** Unclip and remove the climate control and trim panel assembly starting at the bottom edge. (Figure B)
- 5** Open the climate control vents and pull straight outward to remove. (Figure C)

*Continue on next page*

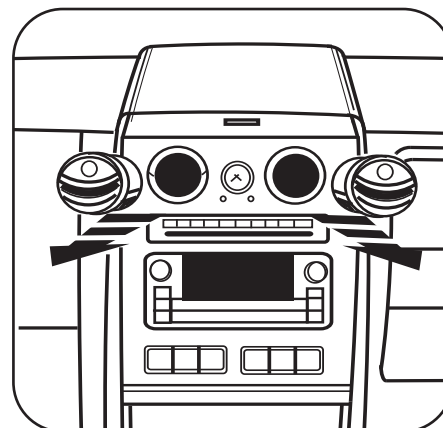
**A**



**B**



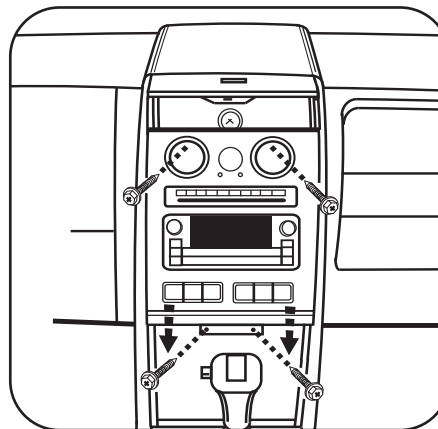
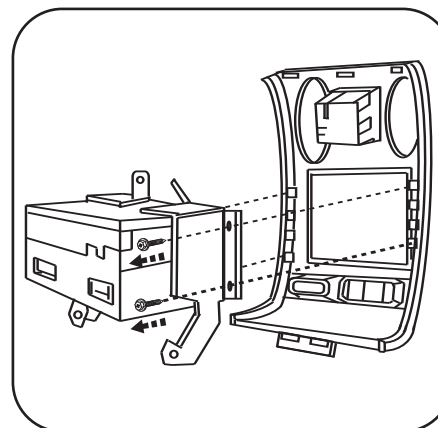
**C**



**LINCOLN MKZ 2007 / LINCOLN ZEPHYR 2006**

- 6** Remove (2) 9/32" from the bottom of the radio trim panel assembly and (2) 9/32" screws from inside the vents. (Figure D)
- 7** Unclip the radio trim panel/radio assembly. Unplug and remove assembly. (Figure D)
- 8** Remove (4) 9/32" screws securing the radio to the trim panel and remove the radio. (Figure E)

*Continue to kit assembly*

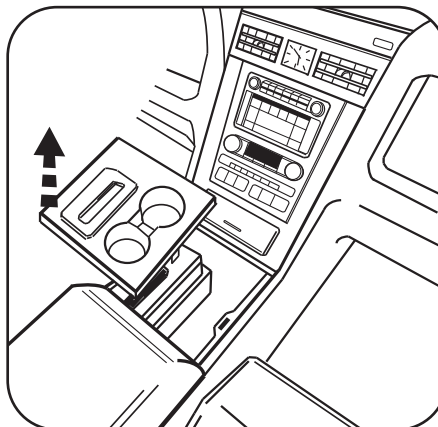
**D****E**

## **LINCOLN NAVIGATOR 2007**

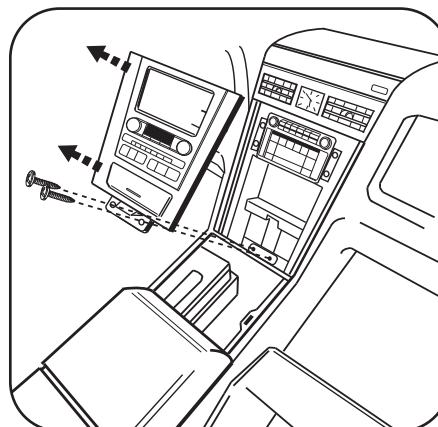
- 1** Disconnect the negative battery terminal to prevent an accidental short circuit.
- 2** Unclip and remove the panel surrounding the shifter. (Figure A)
- 3** Remove (2) 9/32" screws from the bottom of the radio/climate control trim panel. (Figure B)
- 4** Unclip and remove the entire panel surrounding the radio and including the climate controls. (Figure B)
- 5** Remove (4) 9/32" screws securing the radio. Unplug and remove the Radio.

*Continue to kit assembly*

**A**



**B**





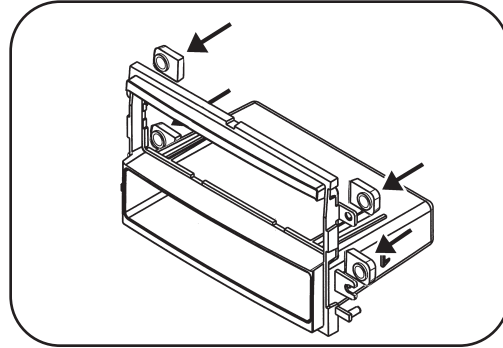
## DIN HEAD UNIT PROVISION

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

- 1** (a) For the **Ford Edge/Expedition 2007, Explorer 2006-07, Fusion 2006-07, Mustang 2007 and the Super Duty 2008** attach the included spacers to the back of the radio housing mounting tabs. **(Figure 1A)**

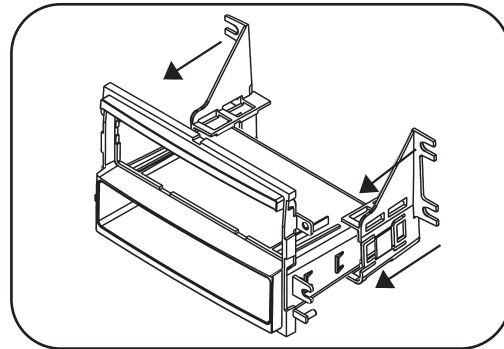
**NOTE:** Use the screws supplied with this kit to mount the radio housing in the vehicles that require the spacers.

**1A**



- (b) For the **Ford Freestar 2004-07, Monterey 2004-07, Focus 2005-07, and the F Series Super Duty 2005-07**, slide the included brackets onto the sides of the radio housings pocket from the back of the housing forward. **(Figure 1B)**

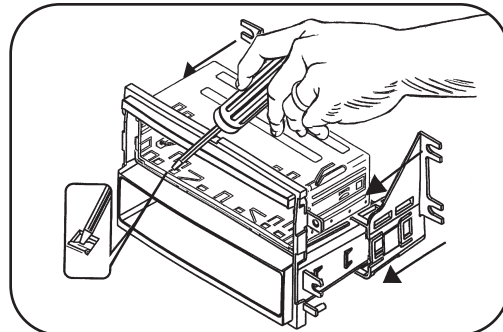
**1B**



**If your vehicle is not listed above move to step 2.**

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

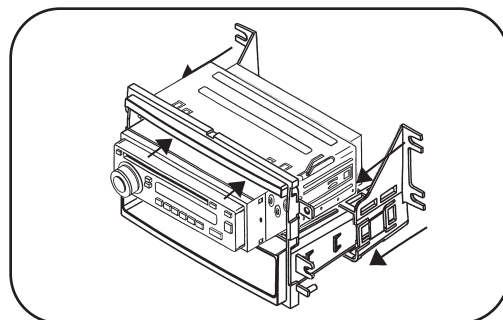
**A**



**B**

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

Continue to final assembly



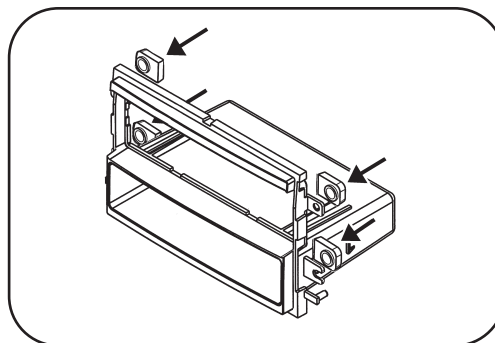
## ISO DIN HEAD UNIT PROVISION

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

- 1 (a) For the **Ford/Edge Expedition 2007, Explorer 2006-07, Fusion 2006-07, Mustang 2007 and the Super Duty 2008** attach the included spacers to the back of the radio housing mounting tabs. (Figure 1A)

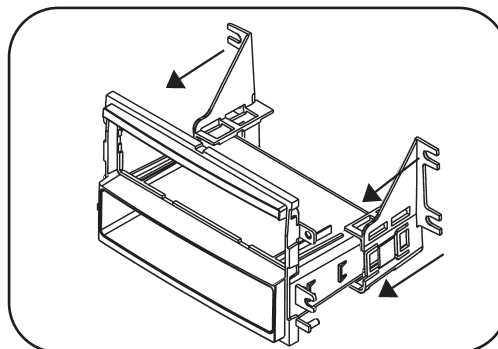
**NOTE:** Use the screws supplied with this kit to mount the radio housing in the vehicles that require the spacers.

1A



- (b) For the **Ford Freestar 2004-07, Monterey 2004-07, Focus 2005-07, and the F Series Super Duty 2005-07**, slide the included brackets onto the sides of the radio housings pocket from the back of the housing forward. (Figure 1B)

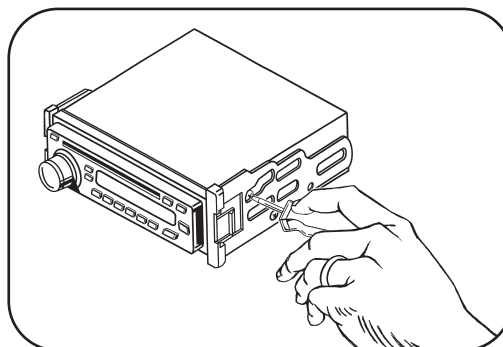
1B



If your vehicle is not listed above move to step 2.

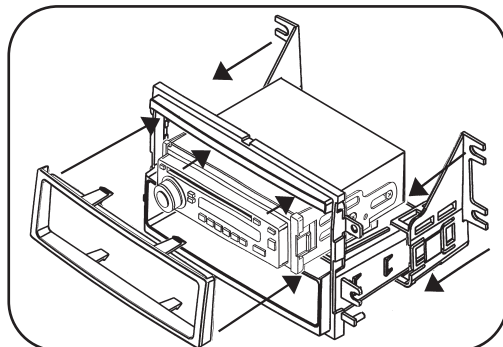
- 2 Mount the ISO Brackets to the head unit with the screws supplied with the unit. (Figure A)

A



B

- 3 Slide the head unit into the radio opening until the side clips engage (Figure B)
- 4 Snap the Trim plate into the Radio Housing. (Figure B)



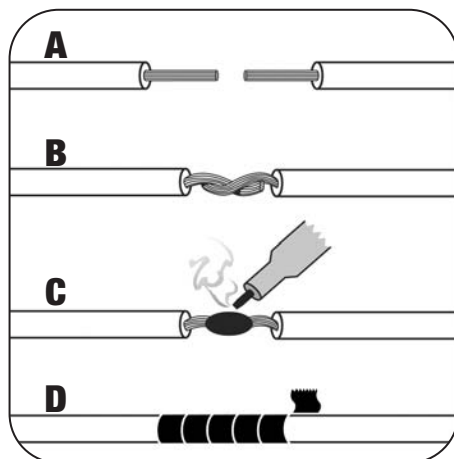
## FINAL ASSEMBLY

- 1** Locate the factory wiring harness in the dash and make the connection as shown. Metra recommends using the proper mating adapter and making the 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:** Use the screws supplied with this kit to mount the radio housing in the vehicles that require the spacers.

## 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.



- A) Strip wire ends back 1/2"**
- B) Twist ends together**
- C) Solder**
- D) Tape**

## METRA / EIA WIRING CODE

12V Ignition / Acc . . . Red  
 12V Batt / Memory . . Yellow  
 Ground . . . . . Black\*  
 Power Antenna . . . . Blue  
 Amp Turn-On . . . . . Blue / White  
 Amp Ground . . . . . Black / White  
 Illumination. . . . . Orange  
 Dimmer . . . . . Orange / White

Right Front (+) . . . . Gray  
 Right Front (-) . . . . Gray / Black  
 Left Front (+) . . . . White  
 Left Front (-) . . . . White / Black  
 Right Rear (+) . . . . Violet  
 Right Rear (-) . . . . Violet / Black  
 Left Rear (+) . . . . Green  
 Left Rear (-) . . . . Green / Black

**\*NOTE:** When Black a wire is not present, ground radio to vehicle chassis.  
 All colors may not be present on all leads due to manufacturer's specifications.

# **99-5812 INSTRUCTIONS**



**1-800-221-0932**



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