



Ford Explorer (†) 2011-2015

† With single zone, manual climate control

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KIT FEATURES

- ISO DIN radio provision with pocket
- ISO DDIN radio provision
- Included interface for climate and steering wheel functions
- Retains factory USB and back-up camera (if equipped)
- Painted charcoal with a matte black center

KIT COMPONENTS

- A) Radio trim panel • B) Radio brackets • C) Pocket • D) Heated seat buttons (L & R) Blank panels • E) (2) Panel clips • F) (2) #4 x 1/2" Phillips pan-head screws • G) (4) #8 x 3/8" Phillips truss-head screws • H) Wiring harness (not shown) • I) Antenna adapter (not shown)

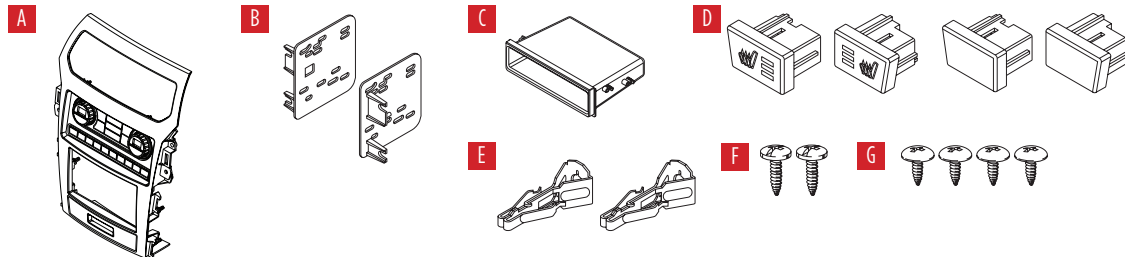


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WIRING & ANTENNA CONNECTIONS

Wiring Harness: Axxess interface built into kit

Antenna Adapter: Included with kit

Steering wheel control interface: Included with kit

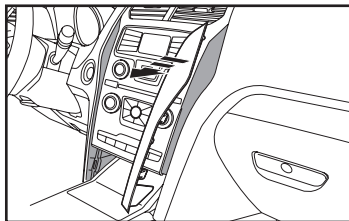
TOOLS REQUIRED

- Panel removal tool • Phillips screwdriver
- 9/32" socket wrench • Torx screwdriver

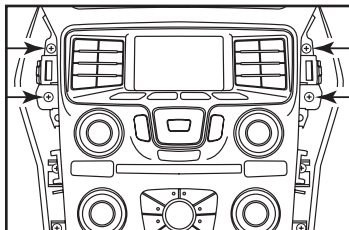
Attention! Let the vehicle sit with the key out of the ignition for a few minutes before removing the factory radio. When testing the aftermarket equipment, ensure that all factory equipment is connected before cycling the key to ignition.

DASH DISASSEMBLY

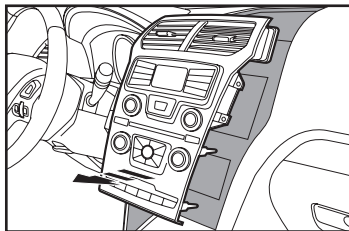
1. Unclip and remove the (2) trim panels from the left and right side of the factory radio. (Figure A)
2. Remove (4) 9/32" screws securing the radio/climate control panel to the dash. (Figure B)
3. Unclip, unplug, and remove the factory radio/climate control panel. (Figure C)



(Figure A)



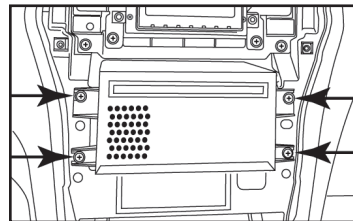
(Figure B)



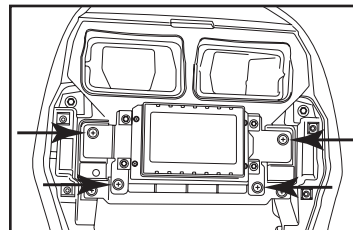
(Figure C)

4. Remove (4) 9/32" screws securing the radio chassis, then unplug and remove. (Figure D)
5. Remove (4) 9/32" screws securing the factory display, then unplug and remove. (Figure E)

Continue to Kit Preparation



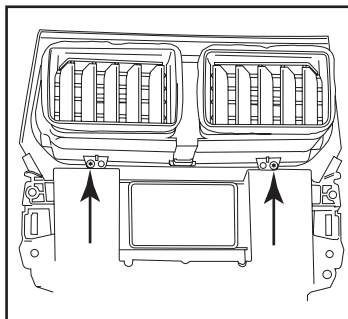
(Figure D)



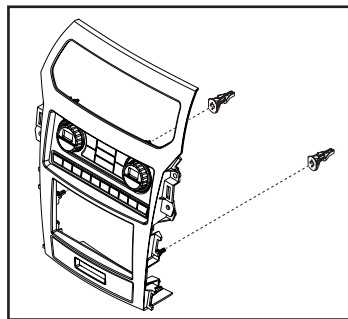
(Figure E)

KIT PREPARATION

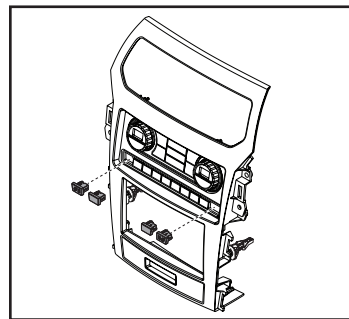
1. Remove (2) Torx screws securing the a/c vents to the factory radio/climate control panel, then unclip and remove them from the panel. (Figure A)
2. Attach the a/c vents to the **radio trim panel** using the (2) #4 x 1/2" Phillips screws provided with the kit. (Figure B)
3. Attach the **panel clips** provided with the kit onto the **radio trim panel**. The factory clips may also be used if desired. (Figure C)



(Figure A)



(Figure B)



(Figure C)

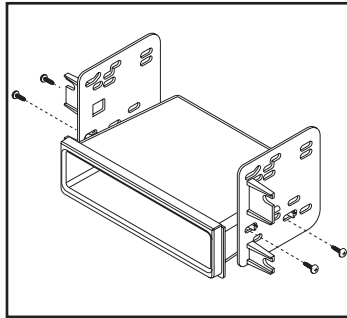
Continue to Kit Assembly

KIT ASSEMBLY

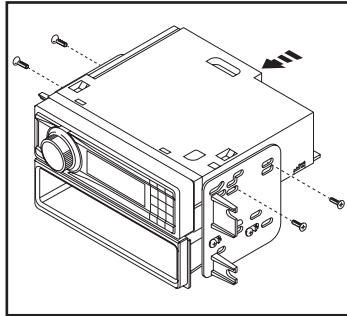
ISO DIN radio provision with pocket

1. Secure the **radio brackets** to the **pocket** using (4) #8 x 3/8" Phillips truss-head screws provided. (Figure A)
2. Remove the metal DIN sleeve and trim ring from the aftermarket radio.
3. Slide the radio into the bracket/pocket assembly, then secure it using screws supplied with the radio. (Figure B)

Continue to Axxess Interface Installation



(Figure A)

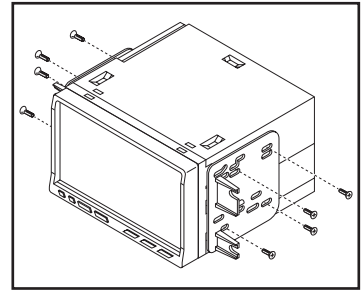


(Figure B)

ISO DDIN radio provision

1. Secure the **radio brackets** to the radio using screws supplied with the radio. (Figure A)

Continue to Axxess Interface Installation



(Figure A)

AXXESS INTERFACE INSTALLATION

INTERFACE FEATURES

- Provides retained accessory power (10-amp)
- Provides illumination, parking brake, reverse, and speed sense outputs
- Retains audio controls on the steering wheel
- Retains factory USB and back-up camera (if equipped)
- Can be used in both amplified and non-amplified models
- Retains balance and fade
- Micro-B USB updatable

INTERFACE COMPONENTS

- Axxess interface (built into kit)
- Vehicle harness (LD-TSCREEN-FD3)
- USB retention (LD-FDUSB)
- Backup camera harness (LD-FDCAM-12)
- Climate control harness (LD-EXPL-SZ)
- 16-pin harness (LD-2NAVAMP)
- 3.5mm adapter

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TOOLS REQUIRED

- Crimping tool and connectors, or solder gun, solder, and heat shrink
- Tape • Wire cutter • Zip ties

CONNECTIONS

From the 16-pin harness to the aftermarket radio, connect the:

- **Red** wire to the accessory wire.
- **Blue/White** wire to the amp turn on wire.
- **Orange/White** to the illumination wire. †
- **Gray** wire to the front right positive speaker output.
- **Gray/Black** wire to the front right negative speaker output.
- **White** wire to the front left positive speaker output.
- **White/Black** wire to the front left negative speaker output.

The following (3) wires are only for multimedia/navigation radios that require these wires.

- **Blue/Pink** wire to the VSS/speed sense wire. †
- **Green/Purple** wire to the reverse wire. †
- **Light Green** wire to the parking brake wire. †
- Tape off and disregard the following (5) wires:
Brown, Green, Green/Black, Purple, Purple/Black

† If applicable

From the 5852 vehicle harness to the aftermarket radio, connect the:

- **Black** wire to the ground wire.
- **Yellow** wire to the battery wire.
- **Green** wire to the rear left positive speaker output.
- **Green/Black** wire to the rear left negative speaker output.
- **Purple** wire to the rear right positive speaker output.
- **Purple/Black** wire to the rear right negative output.
- Disregard the **Red** and **White** RCA jacks labeled “RSE/SYNC@/SAT”.
- Disregard the **Red** and **White** RCA jacks labeled “FROM 3.5”.
- Tape off and disregard the following (3) wires: **Blue, Blue/White, Red**.
- Disregard the DIN jack.

Continued on the next page

3.5mm jack - steering wheel control retention:

From the 3.5mm jack to the aftermarket radio:

- **Parrot:** Connect the **AX-SWC-PARROT** (sold separately) to the **3.5mm jack**, then to the radio.
- **For the radios listed below:** Connect the **3.5mm adapter** to the 3.5mm jack.
 - **Eclipse:** Brown - Brown/White / Brown/White - Brown
 - **Kenwood / JVC (with SWC wire):** Blue/Yellow - Brown
 - **Metra OE:** Key 1 (Gray) - Brown
 - **Universal “2 or 3 wire” radio:** Key-A or SWC-1 - Brown / Key-B or SWC-2 - Brown/White

Note: After programming, assign SWC buttons within menu.

- **XITE:** SWC-2 - Brown
- **For all other radios:** Connect the 3.5mm jack to the radio.

USB retention harness:

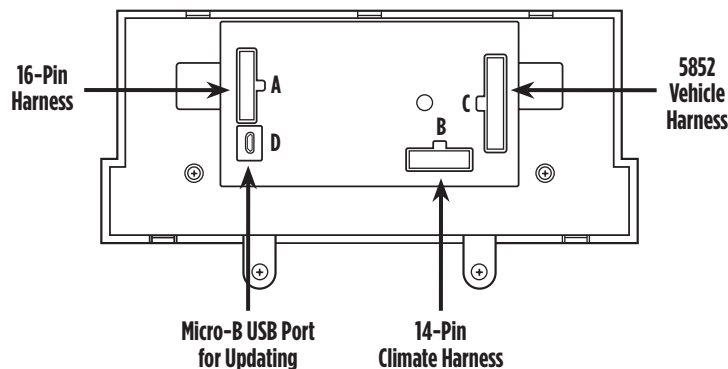
- Unsnap the factory USB and 3.5mm jack panel from the pocket area.
- Unplug both harnesses going to the USB and 3.5
- Plug in the LD-FDUSB to the factory USB panel
- Snap in the factory USB panel and run the USB through to the aftermarket radio.

Climate harness:

Connect the small 6-pin to the kit's passenger airbag light and the other 6-pin to the vehicle harness. The larger 6-pin, the 2-pin, and the blue/red wire will not be used in this application. The 14 pin will be connected to the touch screen next in the installation section.

INSTALLATION

1. Connect the **16-pin harness** into port **A**.
2. Connect the 14-pin from the **climate harness** into port B, and then connect the small 6-pin to the kit's passenger airbag light and the other 6-pin to the vehicle harness. The larger 6-pin, the 2-pin, and the blue/red wire will not be used in this application.
3. Connect the **5852 vehicle harness** into port **C**, and then to the wiring harnesses in the vehicle.
4. Port **D** is a Micro-B USB input for updating the interface.



PROGRAMMING

1. Open the driver's door, and keep open during the programming process.
2. Cycle the ignition on and wait until the climate control lights turn blue.
Note: If the lights don't turn blue, unplug port **C** from the tactile panel for a few seconds, then try again.
3. Test all functions of the installation for proper operation, before reassembling the dash.

FINAL ASSEMBLY

1. Slide the radio into the dash, then secure using the factory screws.
2. Reassemble the dash in reverse order of disassembly using the 99-5852CH radio trim panel.

CONFIGURATION MENU

The buttons on the steering wheel will be used to enter, navigate, and make changes to the Configuration Menu in the kit. The display on the climate knobs will be used to view the menu.

1. With the driver's door open, press and hold the **OK** button (right side), then cycle the key on.
2. Press the **Seek Up** and **Seek Down** buttons to toggle through the menu options available. Refer to the **Menu Options** table for a list of options, and description of each option.
3. Navigate to "d o", then press the **OK** button to exit the Configuration Menu.
4. If no activity after 10-seconds the Configuration Menu will close.

Menu Options

Left Knob Display	Right Knob Display	Description
A.G	Will display current state	OEM Amplifier Gain
r.d		Radio Detection
b.L		Backlight
U O		Version Number of Kit
d o	n E	Done / Quit

Continued on the next page

CONFIGURATION MENU (CONT.)

Steering Wheel Controls

Radio Detection

- Press the **OK** button on the steering wheel to start the auto detection process.

Left Knob Display	Right Knob Display	Radio Manufacturer	Keynotes
r.d	1	Eclipse (Type 1)	1
r.d	2	Kenwood	2
r.d	3	Clarion (Type 1)	1
r.d	4	Boss (type 1) / Dual / Sony	1 (Boss)
r.d	5	JVC	
r.d	6	Pioneer / Jensen	
r.d	7	Alpine	3
r.d	8	Boss (type 4) / Visteon	1 (Boss)
r.d	9	Valor	
r.d	10	Clarion (Type 2)	1
r.d	11	Boss (Type 2)	
r.d	12	Eclipse (Type 2)	1
r.d	13	LG	
r.d	14	Parrot	4
r.d	15	XITE	
r.d	16	Philips	
r.d	17	Kicker	
r.d	18	JBL	
r.d	19	Insane Audio	
r.d	20	Magnadyne	
r.d	21	Boss (type 3)	
r.d	22	Axxera	

- If the steering wheel controls don't work properly it is possible to change the radio type.
- Get to the radio type sub menu. Rotate the right climate knob until the correct radio type is displayed on the knob display. Press the MAX AC button to set the new radio type.
- If the display shows **Alpine**, but an **Alpine** radio isn't installed, make sure the 3.5mm jack is plugged in.
- AX-SWC-PARROT** required (sold separately). The software in the radio must be rev. 2.1.4 or higher.

Backlight

Left Knob Display	Right Knob Display	Backlight Color
b.L	--	No backlight
b.L	rD	Red
b.L	Or	Orange
b.L	YE	Yellow
b.L	LG	Lime Green
b.L	Gr	Green
b.L	CY	Cyan
b.L	BL	Blue
b.L	Pu	Purple
b.L	HP	Hot Pink

CONFIGURATION MENU *(CONT.)*

OEM Amplifier Gain

Left Knob Display	Right Knob Display
A.G	0 to 30

Version Number of Kit

Left Knob Display	Right Knob Display
U O	Will display current version of kit

Done / Quit

- Press the  button on the steering wheel to exit the Configuration Menu.

Left Knob Display	Right Knob Display
d o	n E



99-5852CH
INSTALLATION INSTRUCTIONS



Having difficulties? We're here to help.



Contact our Tech Support line at:

386-257-1187



Or via email at:

techsupport@metra-autosound.com

Tech Support Hours (Eastern Standard Time)

Monday - Friday: 9:00 AM - 7:00 PM

Saturday: 10:00 AM - 7:00 PM

Sunday: 10:00 AM - 4:00 PM



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