

Ford Clarion Navigation Installation Guide

featuring

Ford Brick Upgrade Kit with SYNC & Satellite Radio

Installation Guide for 2009-2012 Ford Escape without Sony/THX Sound

Professional installation is always recommended. Install time runs 1-2 hours. If you are installing a Lockpick in conjunction with this setup please do so after successful navigation radio installation.



Tools Required:

Pry Tool or Flat Head Screwdriver

Phillips Head Screwdriver

7mm Tool

5.5mm or 7/32 Tool

Torx T-20 Tool



Remove upper radio bezel with pry tool.



Remove (2) 7mm upper screws of center radio bezel.



Remove lower radio bezel with pry tool.



Remove (2) 7mm lower screws of center radio bezel.



Engage your emergency brake. Shift the vehicle out of Park and into Low temporarily to make room to remove the center & lower radio bezel.



Remove the center & lower radio bezel and disconnect all connectors from radio and HVAC controller.



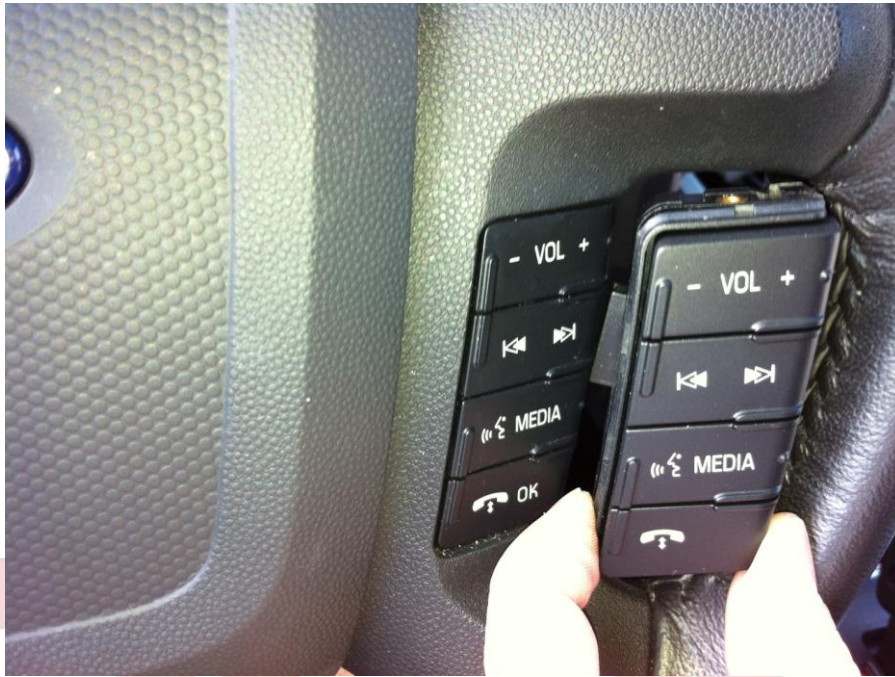
Remove HVAC controller from original bezel using a Torx (T-20) tool (4 screws) and install on replacement center radio bezel

*Not all Ford/Lincoln/Mercury vehicles require a replacement center radio bezel

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Replace right-hand steering wheel control with factory steering wheel control for vehicles with SYNC and navigation from factory using a pry tool.



Remove upper steering column panel with pry tool. Remove lower steering column panel (3 screws) using 5.5mm or 7/32 socket to gain access to the C218(A) connector just below the blinker switch.



Fig 1.

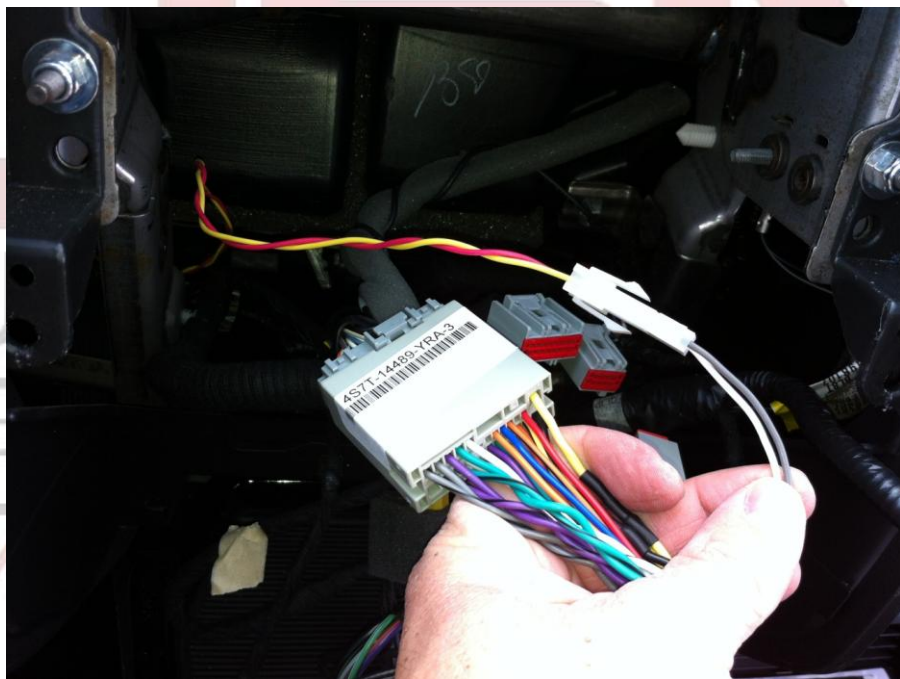


Fig 2.

Disconnect the C218(A) connector from the clockspring and plug into the XP1HARNESSESC (included with Brick kit). Plug the XP1HARNESSESC into the clockspring. (See Fig 1.)

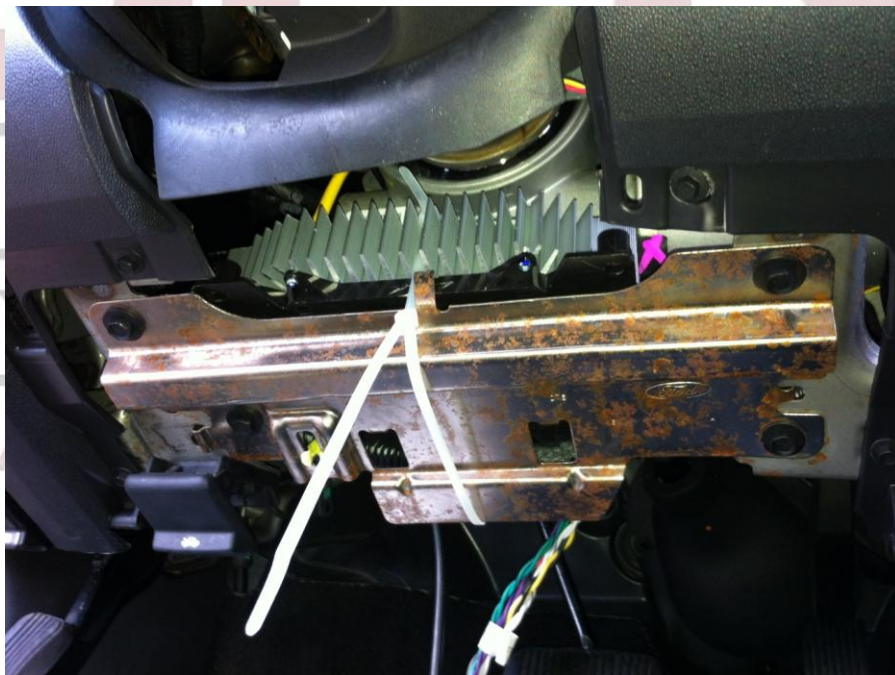
WARNING – DO NOT CYCLE THE KEY UNTIL THIS HARNESS IS COMPLETELY INSTALLED

If the vehicle does not have Sony or THX sound, avoiding any interference with moving parts, run the 2-pin Molex from the XP1HARNESSESC down the steering column and route to the 2-pin Molex on the amplifier harness (included with Brick kit). (See Fig 2.)

If the vehicle has Sony or THX sound, avoiding any interference with moving parts, run the 2-pin Molex from the XP1HARNESSESC to the radio then cut the 2-pin Molex off and connect the yellow wire to pin 16 and the red wire to pin 17 on the main 24-pin radio connector C240A using the 2 harness pins (included with Brick kit).



Before



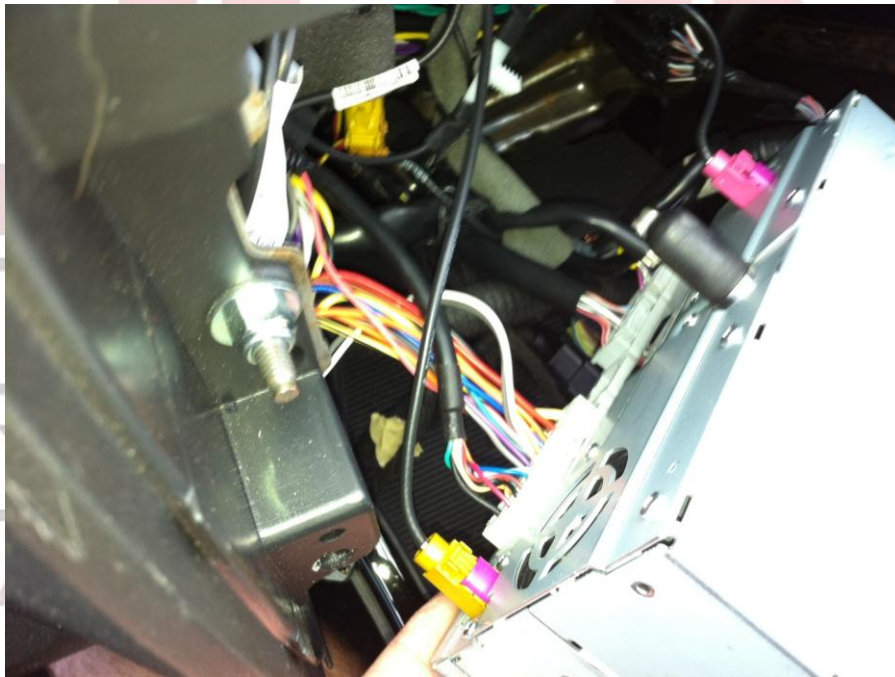
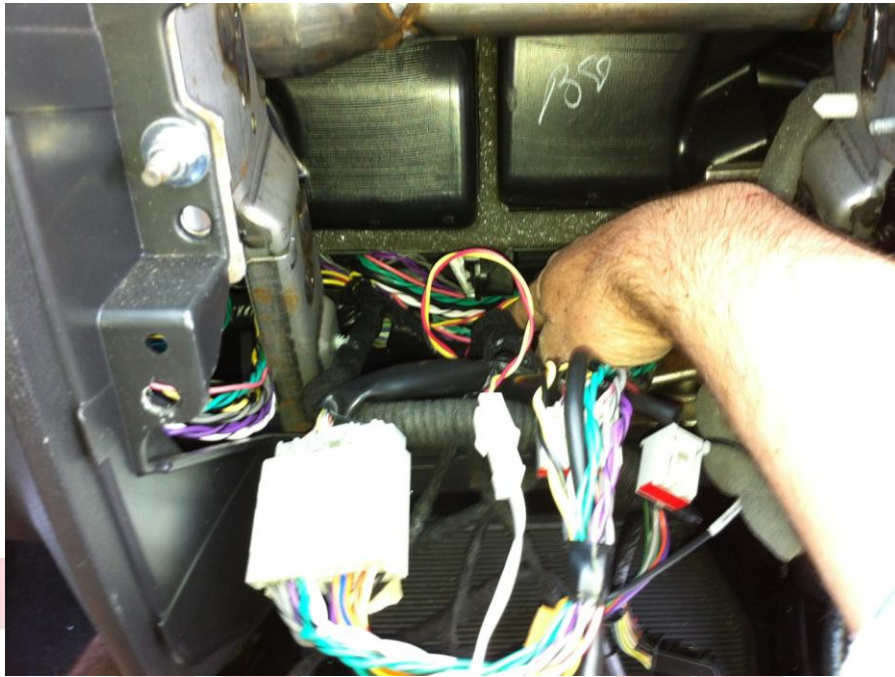
After

Find a location to install the amplifier (included with Brick kit). The amplifier was installed behind the driver knee panel in this vehicle and secured with a zip tie. Plug-in amplifier harness from main 24-pin radio connector C240A to the amplifier.



Plug satellite radio antenna splitter (included with Brick kit) into the original yellow/curry colored “FAKRA” satellite radio connector.

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Hide all excess wiring behind or under to-be installed navigation radio. Plug all existing and new radio connectors into the navigation radio.



Temporarily slide navigation radio into location and power on to test SYNC. Press the voice button on your steering wheel control and say a command. For example, say “Help”

If SYNC recognizes your voice skip to the last step.

If SYNC does not recognize your voice continue to next step to install the XP2HARNES (included with Brick kit)

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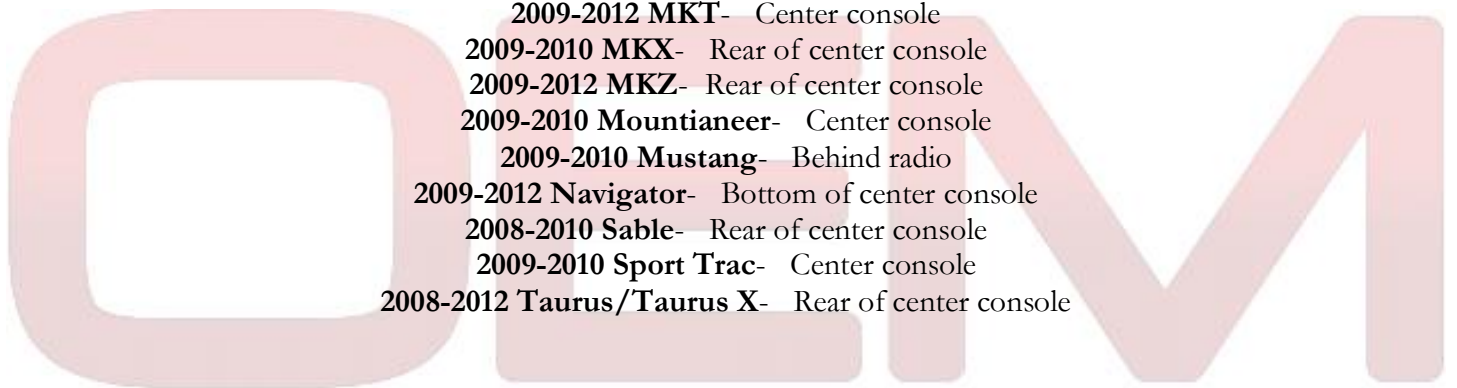


Determine the location of your SYNC module (see below). This vehicle has the SYNC module located within the lower center console.

Remove gear shift trim ring with pry tool. Open armrest and pop off center console cover with pry tool.

SYNC Module Location by Vehicle

- 2009-2012 Econoline- In dash below radio
- 2009-2010 Edge- Rear of center console
- 2009-2012 Escape- Center console
- 2009-2012 Expedition- Bottom of center console
- 2009-2010 Explorer- Center console
- 2009-2012 F150- Top center of dash
- 2009-2012 F250- Above passenger kick panel
- 2009-2012 Flex- Middle of center console
- 2009-2012 Fusion- Rear of center console
- 2009-2011 Mariner- Center console
- 2009-2011 Milan- Rear of center console
- 2009-2012 MKS- Rear of center console
- 2009-2012 MKT- Center console
- 2009-2010 MKX- Rear of center console
- 2009-2012 MKZ- Rear of center console
- 2009-2010 Mountianeer- Center console
- 2009-2010 Mustang- Behind radio
- 2009-2012 Navigator- Bottom of center console
- 2008-2010 Sable- Rear of center console
- 2009-2010 Sport Trac- Center console
- 2008-2012 Taurus/Taurus X- Rear of center console



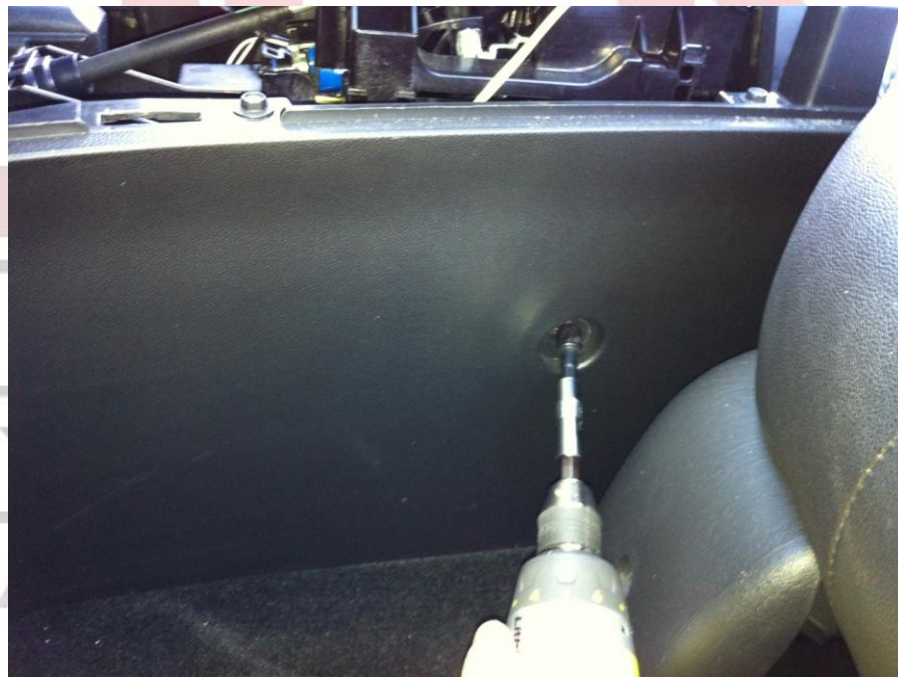
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Remove the lower center console cover. Remove the 7mm left top screw of the center console base



Remove (2) 7mm screws from the front left side of the center console base. Remove (1) 7mm screw from the mid section of the center console base.

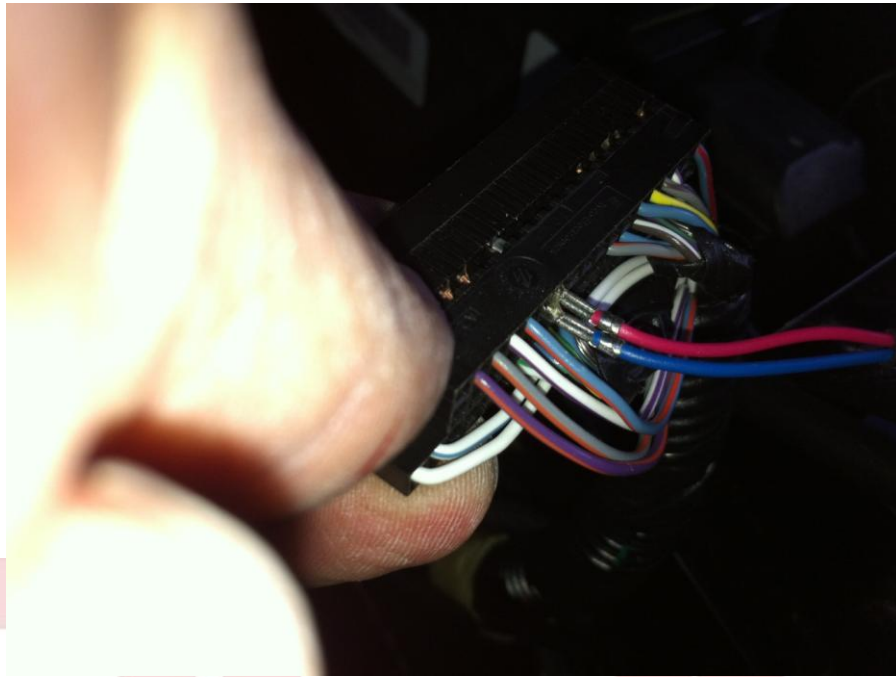


Pull off the left side of the center console base to expose the SYNC module. Disconnect the main harness from the SYNC module.

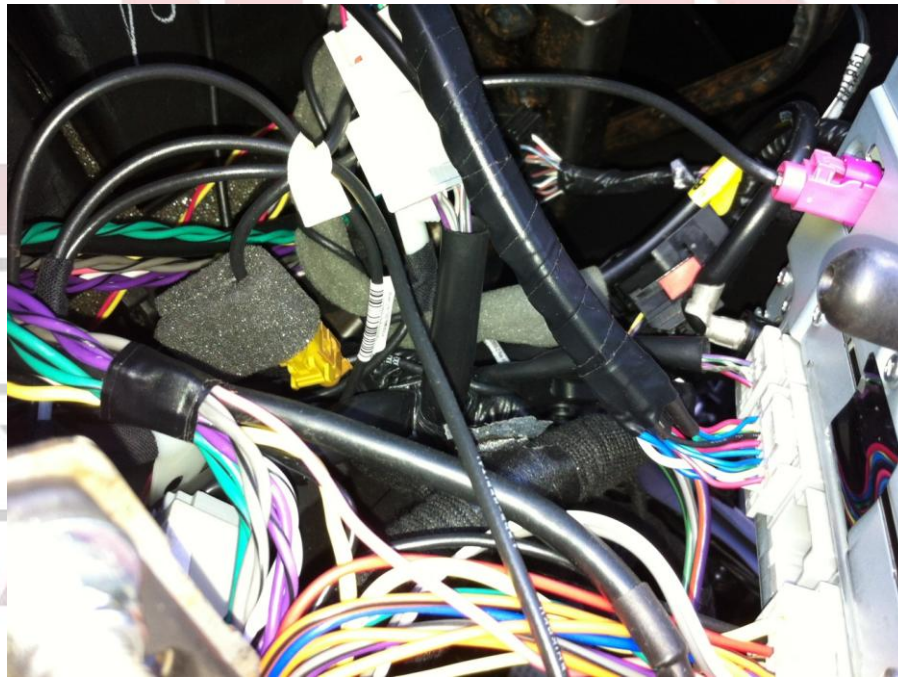
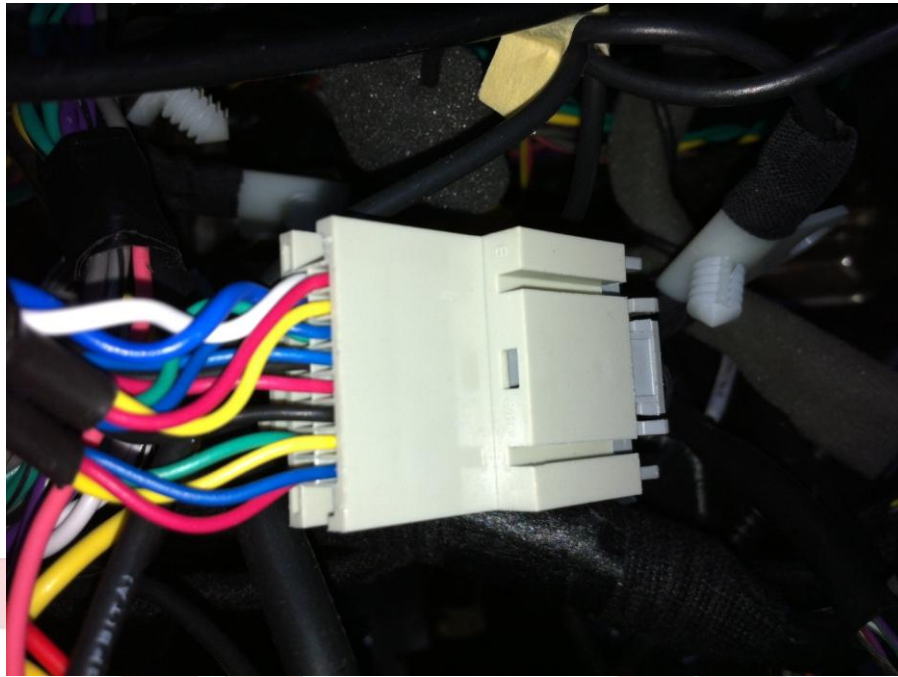


Release tabs on both sides of the connector housing to expose raw SYNC connector.

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Locate the SYNC connector's 12 & 13 pin location (see connector sheel for pin numbers). Align then connect the XP2HARNNESS red wire to pin 12 and the blue wire to pin 13 to the backside of the SYNC connector.



Route the XP2HARNESS connector to the rear of the navigation radio. Plug the existing factory connector into the female port of the XP2HARNESS. Plug the XP2HARNESS male connector into the rear of the navigation radio. Slide the navigation radio back into position.



There will not be screws to mount the navigation radio in this vehicle because the prior radio used a top mount. That is ok. You can improvise if you would like to securely mount the navigation radio to the frame.

Otherwise, the replacement center radio bezel will hold the navigation radio in place once installed.

*Important, for vehicles that do not require a replacement center radio bezel – The navigation radio will mount in the same location with the same 4 screws as your original factory radio. Keep in mind, you may need to reverse or swap side mounts off you original factory radio to successfully mount your new navigation radio.



Neatly tuck away all exposed wiring and replace all panels in reverse order. Power on your radio and test all features. Once completed, press the “SOUND” hard key to adjust your equalizer settings.

Your installation is now complete, congratulations!