



AUX-FRDN

Auxiliary input Jack

Installation Guide for FORD Radios with External CD Changer

Revised October 3, 2015

Introduction:

Many Ford owners with optional CD Changers in trunk, hatch and even the center dash will be pleased to know that disconnecting the CD Changer is no longer necessary in order connect a portable audio device. **The AUX-FRDN auxiliary input requires and retains the External CD Changer**** to provide a 3.5mm (1/8") Audio jack to which the user can connect and play all kinds of audio devices including Smartphones, MP3 Players, iPod, Zune etc. while still being able to use the CD Changer.



Fig. 1
Ford Radio



Fig. 2
Ford radio Removal Tools

Installation: (At the radio)

The Radio must be removed from the dash in order to gain access to the connector and because of that a set of Radio Removal Tools are required, but NOT included (See **Fig. 2**)

1. To remove radio simply push tools into keyholes on both sides of the radio until locked, then (1) push tools slightly sideways and (2) pull forward as illustrated in **Fig. 3**

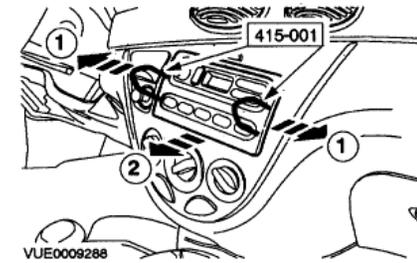


Fig. 3

2. Once radio has been removed, disconnect the 20-way CD Changer plug from Radio (See **Fig. 4**)



Fig. 4
20-pin plug

3. Connect the black 20-way plug removed from radio to 20-way (white) connector on adapter harness (See **Fig. 5**).

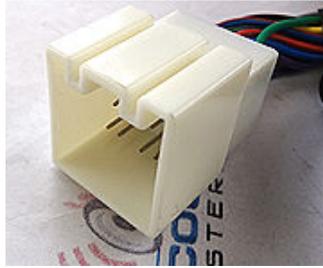


Fig. 5

20-pin connector

4. Connect the black 20-way black plug on Adapter harness to the 20-way CD Changer Port on Radio (See **Fig. 6**)

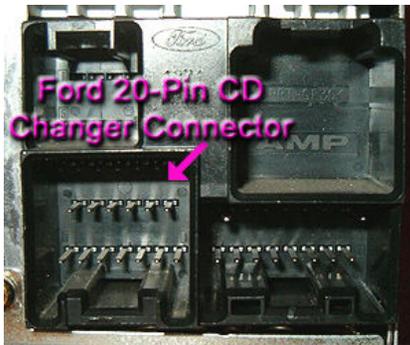


Fig. 6

Ford Radio Connectors

5. Carefully route the audio jack (See **Fig. 7**) to a location on the dash or nearby panel where it will be mounted (within 3.5 ft.) This location will vary based on vehicle and customer's preference



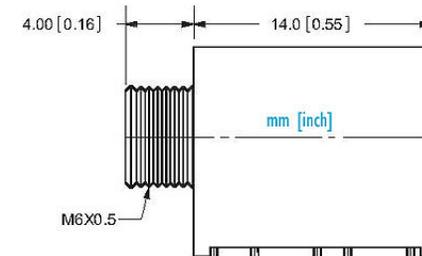
Fig. 7

Audio Jack

6. To secure the audio jack simply drill a 1/4" hole in panel, push the audio jack threaded end through the hole and secure with nut (See **Fig. 8**)



Fig. 8



Warning! Should you decide to mount the jack, make sure the panel is no thicker than 1/8" otherwise the jack threads won't protrude enough to engage the nut. (If necessary use a dremel or sander to thin the panel). Mounting the jack is not necessary but doing so makes for a stock appearance and easier to connect and disconnect your audio device.

Test Operation:

1. Turn the Radio “ON”
2. Press the “CD” button
Note: Press CD button twice to enter external CD Changer Mode if there is a disc in Radio.
3. Music from the CD Changer will begin to play
Note: CD Changer Magazine contain at least 1 Disc for proper operation.
4. Connect the Audio device to jack using the supplied 3 ft. Audio cable (See **Fig. 8**) or similar.



Fig. 8

3.5mm Male audio cable

5. Use the radio volume control knob to set the playback level

Warning! Playlist and Track selection is **NOT** possible from the Ford radio. You must use the audio devices built-in controls to access music files.

6. To listen to the tunes on CD Changer, simply disconnect the 3.5mm audio cable from jack and operate CD Changer as customary
7. If correct operation is confirmed go ahead and reinstall the Radio

Frequently asked questions

1. **Will the AUX-FRDN work with the in-dash 6-CD Changer radio?**
YES; but an External (remote) CD Changer usually installed in arm rest, hatch areas **is also required** otherwise the AUX-FRDN will not work.
2. **My vehicle has an external CD Changer, but it does not work. Will the AUX-FRDN still work?**
NO; In order for the AUX-FRDN to work, the radio must retain a digital connection with CD Changer. If this connection is lost (due to defective changer) the Radio will not enter or stay in Changer mode and default back to AM/FM.
3. **Do you offer an adapter that does not require removing the radio?**
YES; Purchase the AUX-FRDW adapter which connects to the 12-way plug **at the CD Changer location** and does not require radio removal.
4. **The AUX device only plays while Changer shuffles the Disc then radio goes back to FM. Is this normal?**
YES this is normal operation because there is no Disc loaded in Magazine. In order for the adapter to continue playing there must be at least one Disc in Magazine.

** External or remote CD Changer refers to the optional Changer installed on the lower dash, center armrest, hatch, trunk etc. (external CD Changer is not the Changer built-into the head unit)

Call 804-717-5717 or email support@discountcarstereo.com

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