

QUICK-START GUIDE**PIE FRD04-AUX FORD INPUT ADAPTER FOR SELECT
2004-Up FORD.**

What is an auxiliary input adapter? An auxiliary input adapter is a vehicle specific device that connects to the radio's CD Changer/DVD or Rear Seat Entertainment port and converts it to an audio input. With this auxiliary input installed you can connect and listen to any audio device (iPod, MP3, DVD, Sat Radio tuner etc) on the car speakers. The FRD04-AUX also features a built-in audio adjustment pot with 0 to +20dB input sensitivity range of 0.475 volts to 4.75 volts (peak to peak) which allows you to match the audio level of the Auxiliary device to that of the AM/FM Radio or CD. All Ford Compatible radios must have an "AUX" button and 16-pin "Phase II" radio connectors in the following vehicles:

FORD	LINCOLN
2007-08 Edge	2006-07 Mark LT
2007-08 Expedition	2007-07 MKX
2006-08 Explorer	2007-08 Navigator
2004 -08 F-150	2006 Zephyr
2005 -07 F-250	
2005-07 F-350	
2005-07 F-550	MERCURY
2005-08 Focus	2005-06 Montego
2005-0-7 Freestyle ²	2006-08 Milan
2005-06 Mustang	2006-08 Mountaineer
2007-08 Sport Trac	
Footnotes: ² 06 with or without factory Navigation	

Note: The FRD04-AUX is NOT compatible in vehicles equipped with factory Rear Seat Entertainment (RSE) system, Navigation (except where indicated) or factory satellite radio.

1. INSTALLATION

1. Disconnect the negative battery terminal
2. Remove the factory radio to gain access to the connectors on the back of the radio. (radio removal instructions for select vehicles is available below)
3. Remove any connector that may be in the 16-pin DATA port of the Ford radio
4. Plug the 16-pin connectors of the FRD04-AUX into the 16-pin DATA port on the Ford radio
5. Reconnect the factory 16-pin (if present) connectors into the mating socket on the FRD04-AUX
6. Connect BLACK/GREEN wire of the FRD04-AUX to ground (vehicle chassis)
7. Connect GRAY/VIOLET wire of the FRD04-AUX to a constant +12V source— See 24-pin diagram below for wire location
8. Connect appropriate length RCA patch cord (not included) between FRD04-AUX and auxiliary device.

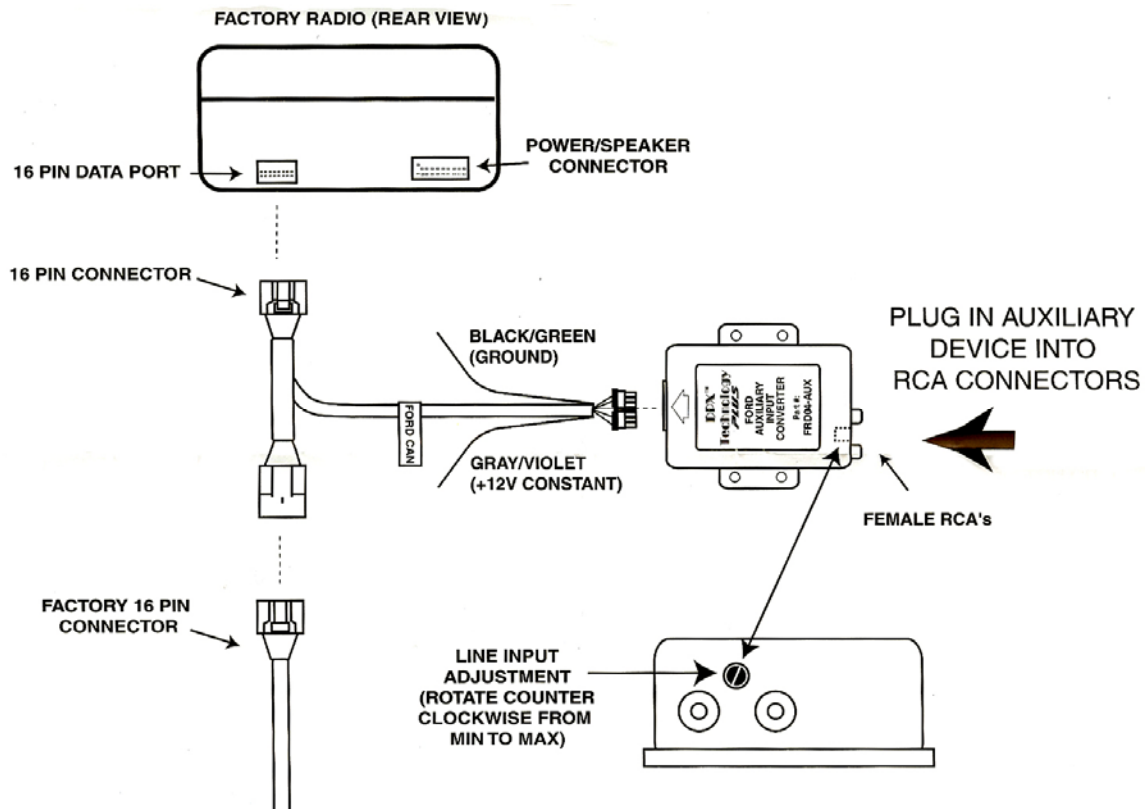
9. Adjust the potentiometer for best sound performance
10. Reinstall the factory radio into the dash
11. Reconnect the negative battery terminal.

2. VERIFY OPERATION:

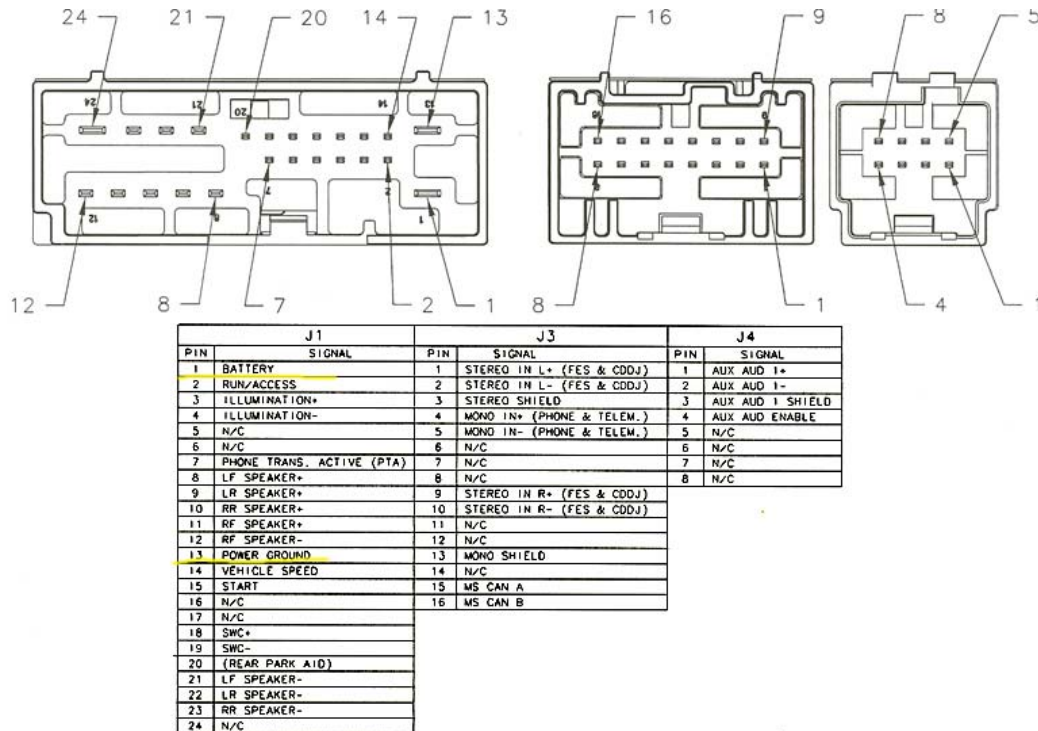
1. With radio on, activate auxiliary device
2. Set volume on auxiliary device to preferred listening level
3. Press "AUX" button on the radio to gain access to the auxiliary audio input
4. Display on radio will show "DVD/CD" for a few seconds, then display "PIE".
5. Verify that audio of auxiliary device is heard
6. Rotate the potentiometer of the FRD04-UX counter-clockwise until volume level of auxiliary device matches that of the AM/FM, or CD modes



3. INSTALLATION DIAGRAM



FORD CAN-BUS 24, 16 & 8-PIN WIRING DIAGRAM



When installing the FRD04-AUX, you will need to connect the Gray/Violet wire to pin1 (battery) and the Black/Green wire (ground) to pin 13 of the large 24-pin connector or to vehicle's chassis ground.

Notes: The FRD04-AUX **DOES NOT DISABLE** THE 6CD CHANGER RADIO OPERATIONS.
The FRD04-AUX **DOES DISABLE** THE RSE, AND SATELLITE RADIO OPERATIONS.

4. DASH DISASSEMBLY INSTRUCTIONS

Dash disassembly is not provided by the manufacturer, however Discount Car Stereo did a little research and decided to provide this info to help aid those customer who prefer to do their own installation.

2004-06 FORD F-150 (NEW STYLE)

1. Carefully pry radio dash trim bezel outward, disconnect all harnesses from back of trim bezel and remove bezel
2. Remove the (4) 9/32 screws securing the factory radio to the sub-dash
3. Pull radio forward, disconnect all harnesses and antenna lead and remove radio

2005-06 FORD FREESTYLE

1. Open the storage compartment located above the radio/vent trim bezel.
2. Starting from the top edge and working your way down the sides toward the bottom, carefully pry the radio/climate control trim bezel forward, disconnect all harnesses from the rear of the trim bezel and remove bezel.
3. Remove the (4) 9/32 screws securing the radio to the sub-dash. Carefully pull radio forward, disconnect all harnesses and antenna lead and remove radio

2005-06 FORD F-SERIES SUPERDUTY PICKUPS

1. Engage the parking brake
2. For automatic transmission vehicles only, insert key into the ignition and turn to the ON position and depress the brake pedal, (DO NOT START THE VEHICLE!) then place the shift lever into the lowest position.
3. Lower the steering column all the way down
4. Starting at the top edge of the dash trim bezel, carefully unclip and pull forward the dash trim to access all the wire harness connectors attached to the features on the rear of the trim bezel.
5. Carefully disconnect all the connectors on the back side of the dash trim bezel and removal bezel
6. Remove the (4) 9/32 screws securing the radio to the sub-dash
7. Carefully pull radio forward, disconnect the wire harness and antenna lead from the rear of the radio and remove radio.

2004-UP FORD FREESTAR & 2004-UP MERCURY MONTERY

1. Carefully unclip and remove the radio/climate control trim bezel from the factory radio
2. Disconnect the harness from the rear of the radio/climate control bezel and remove bezel
3. Remove the (4) 9/32 screws securing the factory radio to the sub-dash
4. Carefully pull radio forward, disconnect the wire harness and antenna lead from the factory radio and remove radio

2005-06 FORD FOCUS

1. Carefully pry forward and unclip radio/climate control trim bezel and disconnect the 12V receptacle plug from the rear of the bezel
2. Lay the trim bezel assembly out of the way (disconnecting the climate control cables or harnesses is not necessary)
3. Remove the (4) 9/32 screws securing the radio to the sub-dash
4. Carefully pull factory radio forward, disconnect the wire harness and antenna lead from the rear of the radio and remove radio.

10/29/05 Update.

PIE has updated the microprocessor chip. Please review the following discountcarstereo.com exclusive document for details:

http://www.discountcarstereo.com/pdf/frd04-aux_upgrade.pdf

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