



BT6-FORD

QUICK START BLUETOOTH MEDIA INSTALL GUIDE FOR SELECT 1998-05 FORD.

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PRODUCT SAFETY & DISCLAIMER

READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING. FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY

- This installation guide is provided as a GENERAL installation guide; some vehicles vary and may require additional steps. We do not accept responsibility for third party labor charges or modifications. Exercise due-diligence when installing this product.
- We do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product.
- Careless installation and operation can result in equipment damage.

Requirements:

1998-05 Ford, Lincoln, Mercury CD changer controlling radio (CD) button on faceplate.

Introduction

They are literally thousands of older Ford vehicles on the road today with the original radio in place, but unfortunately lack support for many modern media formats many would love to have in their cars. Upgrading these radios to support Bluetooth is a great way to bridge the gap. The BT6-FORD smart media module does not only support Bluetooth but also playback of MP3/WMA/FLAC/ACC/WAV/AIF/AIFC files stored on a USB card etc. and users are able to control these files directly from the radio buttons or steering wheel controls. In addition, an AUX input is included to connect and play wired audio devices (e.g. MP3, iPod etc.)

Installation could not be simpler and only requires connecting module to the 20-pin CD changer socket on the back of the radio, pairing Bluetooth device and be on your way to enjoying music, navigation, audio books and other important applications from smartphone on the car system! **Because this module uses the RSE port and will therefore not be compatible if vehicle is equipped with OEM Rear Seat Entertainment (RSE) system, navigation, or factory satellite radio or Ford Sync.** **Warning!! All compatible radios must have a "CD" button on faceplate and 20-pin port on the rear. Radios with a SAT button on faceplate are not compatible.**

See [Frequently Asked question](#) at the end of this guide for more details.

Installation

1. Remove radio to gain access to the connector
2. A Ford radio removal tool or similar (See **Fig. 1**) is required (**not included**)



Fig. 1

3. Insert tools to radio keyholes until locked, then (a) move tools slightly sideways and (b) pull forward as illustrated in **Fig. 2**

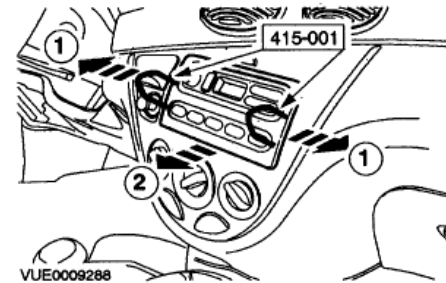


Fig. 2

4. If present, disconnect 20-pin plug (See **Fig. 3**) from radio (See **Fig. 4**)

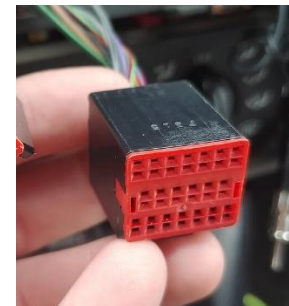


Fig. 3



Fig. 4

5. Connect installation harness 20-pin plug (See Fig. 5) to radio 20-pin socket (See Fig. 4) vacated in step 4



Fig. 5

6. Connect factory 20-pin plug (See Fig. 3) to 20-pin socket on harness (See Fig. 6)



Fig. 6

7. Secure microphone to headliner or visor using included clip (See Fig. 7)
8. Route microphone cable (10 ft. long) down side pillar, under steering column and into radio cavity.

9. Connect microphone right angle plug to module "MIC" input. (See Fig. 7)
Wind noise will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.



Fig. 7



Fig. 8

10. Connect installation harness 16-pin plug (See Fig. 5) to module 16-pin connector (See Fig. 8)
11. Tap/splice install harness RED wire to 12V Accessory (switched) supply. We recommend GREEN/PURPLE wire on radio harness (See Fig. 9)
12. Ground installation Black wire to radio chassis or a known good ground wire.

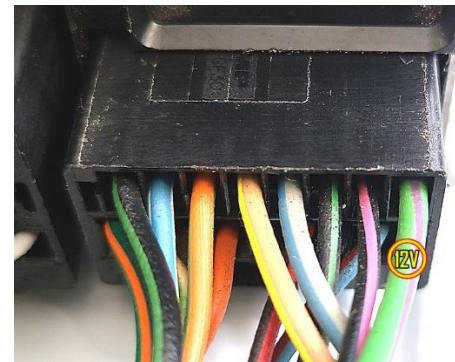


Fig. 9

Optional USB extension cable installation

Note: 1. Optional 6 ft. USB dash mount extension cable is not required for operation, however it extends USB charging and smart media (See Fig. 12) ports to dashboard, glovebox etc.

2. The USB port (See Fig. 12), supports charging and software updates only

1. Drill a $\frac{3}{4}$ " hole to dash or panel using a step drill bit or equivalent (See Fig. 10)
As an alternate, use the included bracket (See Fig. 14a) to mount USB without drilling.



Fig. 10

2. Fish USB cable terminal (See Fig. 11) through hole created in step 1 and plug into USB port on module (See Fig. 12)



Fig. 11



Fig. 12

3. Snap header (See Fig. 13) to surface until flush (See Fig. 14)



Fig. 13



Fig. 14

Tuck and secure any extra wires from moving parts and proceed to next step



Fig. 15

Feature comparison

Bluetooth hands-free and streaming and smart media modules

Feature	BTH-FORD	BT3-FORD	BT6-FORD	BTH-FR004	BT3-FOR04	BT6-FR004
CD changer/XM retention	✓	x			x	x
Requires CD/XM module	✓	x			x	x
Audio input (AUX)*	Optional	x	✓		x	✓
Charging (USB)	Built-in	Built-in	Built-in	Built-in	Built-in	Built-in
Visor microphone	✓	✓	✓	✓	✓	✓
USB media player	x	x	✓	x	x	✓
Requires 12V ACC	✓	✓	✓	✓	✓	✓
Hands-free calls	✓	✓	✓	✓	✓	✓
Audio streaming	✓	✓	✓	✓	✓	✓
Radio button controls	X	✓	✓	X	✓	✓
Wireless remote	✓	x	x	✓	x	x
Module install location	Radio	Radio	Radio	Radio	Radio	Radio

*Aux input replaces separate player (CD changer and/or Sat radio) playback

Bluetooth streaming modules (Not for hands-free calls)

Feature	BT2-FORD	BTA-FORD	BT2-FR004	BTA-FR004
CD changer/XM retention	x	✓	x	✓
Requires CD Changer/XM module	x	✓	x	✓
Audio input (AUX)*	x	Optional	x	Optional
Charging (USB)	x	Built-in	x	Built-in
Visor microphone	x	x	x	x
USB media player	x	x	x	x
Requires 12V ACC wire	✓	✓	✓	✓
Hands-free calls	x	x	x	x
Audio streaming	✓	✓	✓	✓
Radio button controls	✓	x	✓	x
Wireless remote	x	✓	x	✓
Module install location	Radio	Radio	Radio	Radio

*Aux input replaces CD playback

Pairing module

Pairing varies among devices but basic steps are the same. This process is done upon initial install and will not have to be repeated

1. Turn ignition and radio "ON"
 2. From your Bluetooth enabled device, turn the Bluetooth ON and search for Bluetooth devices.
 3. When a list of available Bluetooth devices appears on your Bluetooth device, select "DisCarSt" (See Fig. 16)
 4. Confirmation "tone" is heard on car speakers.
 5. The unit will automatically enter the BT Audio source and you can now start streaming audio from your Bluetooth enabled device.
- Note: If the mobile phone doesn't support SSP (Simple Secure Pairing) Profile, please enter the pass code of "0000"

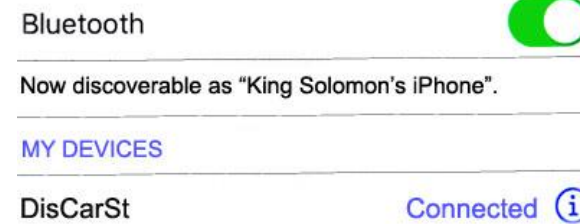


Fig. 16

Bluetooth operation:

1. Turn ignition to ACC and radio "ON"
2. Press the "CD" button to enter Cd changer (Bluetooth) mode. See Fig. 17



Fig. 17

3. Launch music streaming application
4. Set device volume to 95% or higher- adjust as needed based on playback quality (reduce if distorted).
5. **To skip tracks:** Tap the "SEEK UP" or "SEEK DOWN" buttons on radio or steering wheel (See Fig. 18)

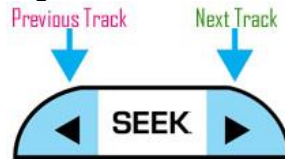


Fig. 18

6. Place test phone call or ask someone to call.
Alert: Ensure radio is in "CD changer" mode otherwise press "CD" button
7. To accept, tap "SEEK DOWN" on radio or steering wheel (See Fig. 19)
8. To reject, tap "SEEK UP" on radio or steering wheel (See Fig. 19)



Fig. 19

9. Adjust call volume with radio VOL knob or steering wheel control.
10. If correct operation is confirmed go ahead and reinstall radio.

Warning: Playlist, Artist, caller ID etc. is *NOT* displayed on Ford radio

Notes:

Adding additional load to electrical system in older vehicles can result in alternator whine or similar noise. We recommend purchasing and installing this [noise filter](#)

Flash media requirements and functions

1. **Formatting**
Before loading files/folders we recommend formatting flash drive etc. to **FAT16** or **FAT32** after which you may then save music files (MP3, WMA, FLAC, ACC etc.) to designated folders as explained next.
2. **Folder naming: (This is important)**
Create a single folder or multiple folders (Albums).
The easiest way to transfer files from computer to USB after formatting drive is by locating music files on your hard drive and drag-and-drop them to desired folder on flash drive.
3. When flash drive is connected for the first time; the radio loads all available folders.
4. Supports MP3 and WMA compression up to 320Kbps
-MP3/WMA files over 320Kbps may not be recognized or played.
5. Not compatible with some new generation high-speed USB sticks.
-Recommended disk size: **16GB**
6. Any number of songs can be stored in each folder, but Ford radio display supports 2 digits or up to track 99. Track 100 is displayed as 01
7. Subfolders are not supported
8. Streaming does not support last memory position
9. We highly suggest formatting USB stick/card on windows PC
10. Saving files (over **50MB**) in any folder may cause intermittent operation
11. Playback order is based on how files were created
12. When last track in any given folder has finished playing, the first track in same folder will play automatically.
13. If track up or track down button is pressed quickly in repetition, track number displayed may change erratically.
14. If radio enters CDC mode but nothing plays, please check/change USB stick and cycle ignition

Media operation

When flash drive is connected for the first time; the module reads all available folders.

1. Turn the Ford radio "ON"
2. Press the Ford radio "CD" button
3. Connect flash drive (not included) to USB port (See Fig. 21)



Fig. 20



Fig. 21

4. After initial connection, (CD01 track 1) will begin playing otherwise playback will continue from last memory position (track position)

5. Track Up/Down

Tap the right SEEK button for next selection in folder. Press the left SEEK button for the previous selection in folder See Fig. 22

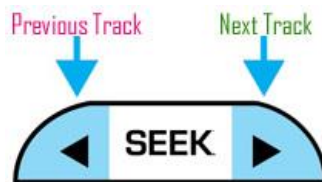


Fig. 22

6. Album (Folder) selection

Tap the right TUNE button for next folder.

Tap the left TUNE button for previous folder (See Fig. 23).

Folder number (Album) and track number are shown in the display. (See Fig. 20)

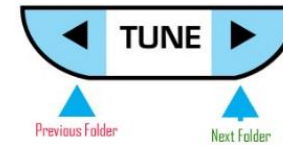


Fig. 23

7. Forward/Rewind

Tap and hold FF (Forward) to forward currently played track until FF button is released. (See Fig. 24)

The REW (Reverse) button works in a similar manner to rewind currently played track.

Tap/release the FF or REW button to forward or rewind currently played track by approximately 3 seconds.

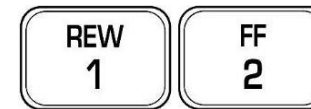


Fig. 24

AUX playback

The BT6-FORD includes an AUX input jack/cable. Use to connect and play any wired audio device including MP3 players, iPods, car play, etc.

Connect the included male-male aux cable to the module AUX input jack (See Fig. 25) and to audio device to the other end. To listen to AUX device; disconnect USB memory card and pause streaming application.



Fig. 25

Frequent ask questions & troubleshooting

- 1. My vehicle has a CD changer. Will it still work?**
NO; CD changer, Aux, RSE etc. or any other option must be disconnected and will no longer function.
- 2. Will I be able to control music on flash drive from Ford radio buttons?**
YES; Use familiar radio or steering wheel CD changer control buttons to select and play MP3/VWA files on flash drive. (See media operation on page 7)
- 3. Can I pair or save more than one device to the BT6-FORD?**
YES; more than one device (slaves) can be paired however only one connection can be active at a time.
- 4. How do I switch from streaming to USB?**
Connects flash drive to USB port or pause streaming session if phone has already paired.
- 5. Can I use BT6-FORD to make/receive phone calls?**
YES; The BT6-FORD also supports Hands-free profile (HPF).
See phone operation on page 6.
- 6. I've pressed the "CD" button on radio but it does not switch to "CD" mode?**
Try cycling the ignition key a few times to reset module and try again.
- 7. When streaming, will I be alerted of incoming calls?**
YES. If radio is in "CD changer" mode, phone call will ring on car speakers. To go hands-free, press the "SEEK" down button to answer call. Once call ends, streaming resumes.
- 8. When listening to digital music (Flash drive etc.), AM/FM radio, Tape or the CD player; will incoming call ring on car speakers?**
NO. In these radio modes, the handset will ring/beep. Take call as normal using the handset or to go hands-free; press the "CD" button to switch to "Bluetooth mode" then press the "SEEK" down button.
Please note incoming call announcement is only possible in streaming mode.
- 9. Will incoming call ring on car speakers when listening to AM/FM, TAPE or CD?**
NO. Phone will not ring on car speakers when in these radio modes. Radio must be in "CD" changer (Bluetooth) mode for calls to ring on the car speakers. See question #8 for more details.
- 10. When streaming, listening to a USB file or AUX; will I be alerted of incoming calls?**
YES. Phone will ring/call number announced on car speakers*.

Answer call by pressing the "SEEK" down button on radio, Audio playback resumes upon ending call.

II. How do I listen to AUX device.

To switch to AUX, ensure Flash drive port is empty and streaming is paused. Connect audio device to 3.5mm jack and place audio device in playback mode

Alert: Ford radio buttons do not control aux device.

*Call number announcement must be enabled on phone.

Disclaimer

- This product has no affiliation with Ford etc.
- We're not liable for misuse of this product.
- We recommend professional installation.

Email support@discountcarstereo.com