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JAG97CD-HF

Quick Start Bluetooth Installation Guide for 1986-97 Jaguars with CD Changer

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Introduction:

Just because you drive an older car does not mean you have to settle for old technology. Safety comes first when you're on the road, so having an intuitive and easy to use Bluetooth kit is essential to reducing driver distraction. The JAG97CD-HF kit is compatible with virtually all Bluetooth phones, and sounds great whether you are using it for mobile conversations or streaming music. In addition, the JAG97CD-HF is compatible with select pre-1997 Jaguars with a working 6-disc CD changer. The required CD changer remains connected and functional.

See **Frequent Asked questions and Feature Comparison** at the end of this guide

Notes:

- If radio is in AM/FM Mode when making or receiving a call, muting will not occur. Muting is only possible when radio already in Bluetooth Mode (CDC).
- Must use mic/control button included with kit or optional [G2-HF](#) visor kit
- CD changer is required and **remains fully functional**.

Installation: (connects to radio)

1. Remove radio from dashboard. For help removing radio, click link below:
<https://www.youtube.com/watch?v=vpAldr6V3iE>
2. Disconnect CD changer 8-pin plug from radio (See **Fig. 1**)
3. Connect factory CD Changer plug (from step 2) to audio splitter 8-pin female connector (See **Fig. 2**)



Fig. 1
Radio CD port



Fig. 2
audio splitter

4. Connect splitter 8-pin plug to radio CD port vacated in step 2

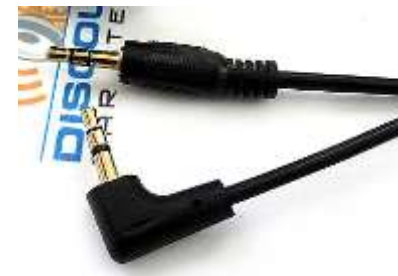


Fig. 2A

5. Connect audio splitter right angle 3.5mm plug (See **Fig.2A**) to module pigtail jack (See **Fig. 3**)



Fig. 3
module pigtail jack

6. Connect audio splitter straight angle 3.5mm plug (See Fig. 2A) to module "CD" input (See Fig. 4)



Fig. 4
Module

7. Connect microphone/control button (See Fig. 5) to module "MIC" input (See Fig. 4)



Fig. 5
Control button/Microphone

8. Consider install locations for control/mic button. Keep in mind control button must be within driver reach (cable is 6ft. long).

We recommend completing the rest of the install prior to securing control/mic button to dash. Once location has been decided simply remove tape backing (See Fig. 6) and stick to dash (See Fig. 7)



Fig. 6
Control/Mic button



Fig. 7

9. Connect/splice/Tap module red wire to a 12V accessory supply in vehicle. 12V accessory/switched supply available from cigar lighter Orange/Brown wire, 12V Acc. is also available on Light Green/Orange wire on radio 14-pin power/speaker plug. Connect **Black** wire to ground.

Warning: Avoid connecting 12V wire to battery supply (always on).



Note: Find a clean power/ground supply behind the dash. If noise is present consider alternate location or purchase a [noise filter](#).

Ensure no ventilation duct is pointed towards the mic.
It is best to mount button facing driver

The USB port on module is for charging only (does not support thumb drives etc.)
Should you decide to use it, we suggest one of 3 install options:

- A. **Flush to dash/panel (requires drilling a 3/4" hole)**
- B. **Flush Mount with Support bracket** (use this option to mount USB wherever your installation demands without drilling)
- C. **USB** (use your own charging cable)

A. **Flush Mount to Dash or Panel (drilling required)**

1. Drill a 3/4" hole in dash or panel using a step drill bit or equivalent (See Fig. 9)



Fig. 9
Step drill bit

2. Insert **3.2ft. (1 Meter)** USB male terminal (See **Fig. 10**) through 3/4" hole created in step 1 and connect to Module USB port (See **Fig. 11**)



Fig. 10
Flush mount 3.2 ft. USB cable



Fig. 11
Module USB port

3. Snap USB head (See **Fig. 12**) to mounting surface until flush. (See **Fig. 13**)



Fig. 12
Flush mount USB Terminal



Fig. 13

Flush mounted to dash

4. Tuck and secure any extra wire from moving parts
Note: Many have reported a flush install to the back wall of the storage compartment.

B. Flush mount with Support Bracket (No drilling)

1. Locate a flat surface at location of choice within **3.2 ft.** (1 meter) of module and mount USB support bracket (See **Fig. 14**) using adhesive/tape or screws.



Fig. 14

USB mounting bracket

2. Insert USB male terminal through hole in bracket (See **Fig. 15**) and connect to module USB port (See **Fig. 11**)



Fig. 15

3. Snap USB head to bracket until flush (See **Fig. 16**)



Fig. 16

4. Tuck and secure any extra wire away from moving

C. No USB Mount (default)

USB port is for **charging only**. Connect your own USB2.0 cable or proceed to next step if charging is not required.

Bluetooth Pairing and Connection

This process is required the first time you use the JAG97CD-HF. After initial pairing, the JAG97CD-HF will automatically reconnect with smartphone upon entering vehicle.

1. Turn vehicle ignition to "ON".
2. Red LED inside module will begin to flash
3. On incoming/outgoing calls, ring tone plays on car speakers
4. Access your Smartphone Bluetooth menu settings, and search (scan) for devices.
5. Select the G2 and tap "Connect"



Note: Pairs up to 4 phones but connects to one phone at a time.

Warning! Caller ID and text display are not possible on factory Radio. Operate Bluetooth device by pressing the blue control button and your Voice Recognition application. Use the radio volume button to control playback level.

Bluetooth Operation

1. Turn ignition and radio "ON".
2. Press "CD" button on radio. (at least one DISC must be loaded into changer magazine)
NOTE: Radio must be in "CD Mode" when using the JAG97CD-HF. CD Changer remains connected and fully functional.
3. Use radio button to adjust volume (radio buttons do not operate Bluetooth module or audio device)

Music Commands

To	Proceed this way
Pause a Song	Press and release button
Resume Play	Press and release button
Skip to next song	Press button twice
Skip to Previous Song	Press button three times
Activate CD Changer Mode*	Press button four times
Activate Voice Control	Press/hold button for 2 seconds
Switch from Aux to Streaming Audio	Press and release button

Phone Commands

To	Proceed this way
Answer call	Press and release button
End call	Press and release button
Reject incoming call	Press button twice (call goes to VM)
Cancel outgoing call	Press button twice
Activate Voice Control	Press/hold button for 2 seconds

Notes:

1. If playback is distorted or low, adjust volume on audio device.
2. **To reset Module press and Hold button for 5 seconds** (this will not un-pair phone or erase stored phones)
3. Bluetooth range is approximately 30 ft. make sure device is within range of receiver
4. Voice command compatible with Apple (Siri), Android (Google Now), Blackberry (Assistant)
5. *Audio controls not applicable when using CD changer. Use the radio CD changer buttons for music selection and controls.
6. Upon ending call, audio streaming resumes playback, however to resume CD changer playback, you must press control button 4 times

If successful proceed to reverse the removal steps for radio and secure the control button/microphone to dash as per step #7 in **“installing Bluetooth module”** instructions.

Congratulations, you've just updated your vehicle to support new technology while preserving the original radio and dash components.
Enjoy!

CD Changer Operation

The JAG97CD-HF retains CD changer functionality. To play the CD changer, simply press “CD” button on radio (if not already in that mode), then press control button 4 times. To exit CD changer playback mode press control button once. (Returns to streaming audio)

Use customary radio button to control CD changer functionality.

Noteworthy: If at some point you decide to forfeit CD changer playback, the “CD” input on module can become an “AUX” input to which you can connect and play a portable audio device (e.g. iPod, Mp3 Player, Satellite Radio etc.) instead.
CD changer must remain connected

Feature Comparison:

Use the following chart to compare options we have available for pre-1998 Jaguar

Feature	AUX-JAG97	A2D-JAG97	JAG97CD-HF
CD Changer Retention	×	✓	✓
Audio input (aux)	✓	×	*
USB Charging Port	×	×	✓
Mute Feature	×	×	×
Separate Microphone	×	×	**
Requires CD Changer	×	✓	✓
Hands-free Calls	×	×	✓
Music Streaming	×	✓	✓
Plug-n-play installation	✓	×	×

*Aux input instead of CD Changer

**Optional with [G2-HF kit](#)

Optional remote microphone Kit

Controls and microphone are part of the same button which means the install location for one may not be optimum for the other. Customer who prefer to mount the microphone to visor will be please to purchase **optional [G2-HF](#)** Kit (See Fig. 18)

Package contents:

1. Microphone with visor clip on 10ft. cable
2. Microphone splitter



Fig. 18

Installation:

1. Connect 4-pin male plug from splitter to mic input (blue) on module
2. Connect mic/control button smaller input jack
3. Connect remote microphone to larger female jack
4. Route microphone to visor or location of choice and use clip to secure to vehicle.

Frequent asked questions

1. **I'm having trouble pairing a second device. How is this done?**
In order to pair a second device, you must un-pair first device.
2. **Where does the JAG97CD-HF connect to car?**
The JAG97CD-HF connects to the back of the radio and because of that, radio removal is required.
3. **Does the JAG97CD-HF work in vehicles without CD changer?**
NO; the JAG97CD-HF requires a **working CD changer** to work as described.
4. **In which model/year Jaguars will the JAG97CD-HF work?**
Works in all pre-1998 with 8-pin DIN plug/connector. From **Fig. 19**, the CD changer plug in your vehicle must match plug on the left. Late 1997-06 with Ai-NET connector requires our [JAGCD-HF](#)



Fig. 19

5. **Will the stereo mute when I receive or make a phone call?**
This system will not mute unless radio is in "CD" mode (Bluetooth mode). If in radio is in (AM/FM) Mode, audio system will not mute. In addition, you must switch from AM/FM to "CD" (Bluetooth Mode).

6. **Will I be able to stream music and use my navigation app at the same time?**

YES! When streaming music and navigating; music will mute during navigation guidance and return to previous state when guidance ends. If a call is made or received, both navigation guidance and audio streaming are muted until call has ended.

7. **After installing and testing the system everything works, but there is engine "whine". What can I do to fix this?**

Check the grounds and make sure all connections are snug.

If powering module with cigarette lighter.

Removing device plugged into cigarette port.

Relocate ground wire.

Install a suitable [noise filter](#).

8. **Which devices can be charged on the USB charging port?**

Any device requiring 5V Charging Volts.(2A)

Disclaimer

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