



JAG97CD-HF

QUICK START BLUETOOTH INSTALLATION GUIDE FOR SELECT 1986-97 JAGUAR 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 works in select pre-1997 Jaguars **with a functioning 6-disc CD changer** in trunk/hatch. The required CD changer remains connected and functional. If vehicle does not have a CD changer, purchase our [A2DIY-JAG97](#) instead.

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

Notes:

- If radio is in AM/FM mode, muting will not occur when initiating/receiving phone call. Muting is only possible if radio already in Bluetooth Mode (CDC).
- Must use push-to-talk button with built-in microphone included with kit
- a functioning CD changer **is required and remains fully operational**.

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 "CD" port (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 male plug to radio "CD" port vacated in step 2

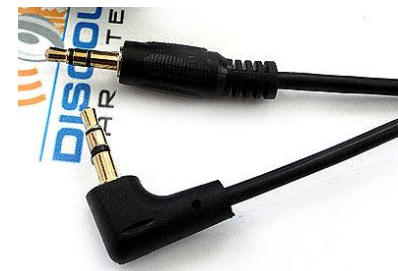


Fig. 2A

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



Fig. 3
module pigtail jack

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



Fig. 4
Module

7. Connect push-to-talk button with built-in microphone (See **Fig. 5**) to module 3.5mm "MIC" input jack (See **Fig. 4**)



Fig. 5
Control button/Microphone

8. Consider install locations for push-to talk button with built-in microphone. Keep in mind, button must be within driver reach (cable is 6ft. long).

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



Fig. 6
Control/Mic button



Fig. 7

9. Connect/splice/Tap 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 accessory 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](#).

USB CHARGING PORT

Module USB port (See **Fig. 11**) is for charging only. Please note this may not provide sufficient current to charge newer power-hungry devices (e.g., iPhones). If you own one of these newer devices, consider purchasing our [USB-DM3](#) Smart charging Kit.

You may install the provided USB kit in 1 of 3 ways:

- 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. Use your own cable-** (default)

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

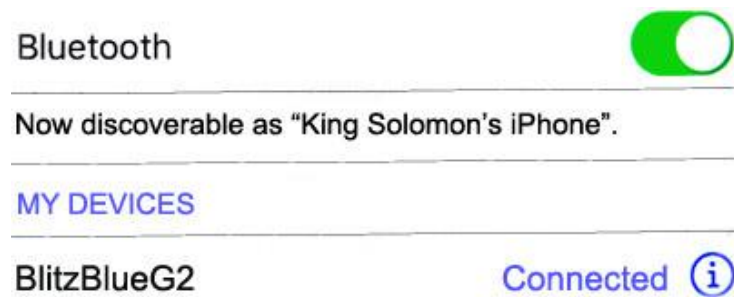
C. No USB Mount (default)

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. Access smartphone Bluetooth menu settings, and search (scan) for devices.
4. Select the G2 and tap "Connect"



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



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Caller ID and text are **not shown on radio display**. Operate Bluetooth device by pressing push-to-talk button, VR (voice recognition) or audio device built-in controls. Use 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"

Use push-to-talk button to perform the following music and phone functions:

| 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 radio CD changer buttons for disc/track selection and controls.
6. Upon ending call, audio streaming playback resumes, however to resume CD changer playback, **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's, 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 and release button. (Module returns to streaming audio)

Use radio CD changer buttons to change tracks or disc as customary.

Noteworthy: If at some point you decide to forfeit CD changer playback, the 3.5mm "CD" input jack 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.)

CD changer must remain connected but will no longer play.

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 | × | × | X |
| Requires CD Changer | × | ✓ | ✓ |
| Hands-free Calls | × | × | ✓ |
| Music Streaming | × | ✓ | ✓ |
| Plug-n-play installation | ✓ | × | × |

*Aux input instead of CD changer

Frequent asked questions

1. **I'm having trouble pairing a second device. How is this done?**
In order to pair a second device, ensure no other devices are already paired.
2. **Where does the JAG97CD-HF connect in my vehicle?**
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. If vehicle does not have a functioning CD changer, purchased our [A2DIY-JAG97](#) instead.
4. **In which model/year Jaguars will the JAG97CD-HF work?**
Works in all pre-1998 radios with 8-pin DIN "CD". 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 [A2DIY-JAG98](#) or [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. If in AM/FM mode, user must switch radio to "CD" so to hear caller on car speakers.

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?**
Module built-in USB charging port support older device requiring 2A or less. For newer power-hungry devices (e.g., iPhone 8 and up), we highly recommend purchasing our [USB-DM3](#) Smart charging kit.

Disclaimer

- This product has no affiliation with Jaguar or Apple
- We're not liable for misuse of this product.

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