



BTA-JAG98

MUSIC STREAMING INSTALL GUIDE FOR 1997*-06 XK (X100) AND 1998-03 XJ (X308) WITH CD CHANGER

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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:

Functioning CD auto changer in trunk or hatch

Introduction

Portable audio products are everywhere, reflecting demand from active people all over the world to take their music on the road. The new BTA-JAG98 (formerly A2D-JAG98) module supports any A2DP enabled smart to stream music applications including turn by turn directions, audio books, Apple music, Deezer and more directly into vehicles audio system via the CD changer port. This module supports Bluetooth 4.2 which ensures high quality audio over Bluetooth. **The required CD changer must be operational and remain connected.**

The BTA-JAG98 does not support hands-free calls. See our [BTH-JAG98](#)

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

Installation – to CD changer plug in trunk or hatch

Warning: Vehicles must have a fully functioning CD changer which remains connected and operational.

1. Remove carpet trim piece surrounding audio rack (See **Fig. 1**). If vehicle does not have navigation (**Fig. 1A**); use opening to access the CD changer connecting plug, however; if vehicle has navigation, accessing plug requires unlocking "inner frame":

2. To remove frame:
Remove (2) 7mm bolts on right and left side (See **Fig. 1A, 1B**)
Remove (2) 7mm bolts from top (See **Fig. 1A, 1B**)



Fig. 1



Fig. 1A

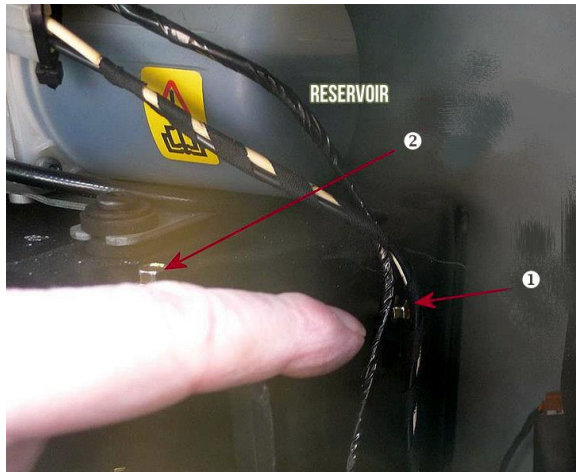


Fig. 1B

3. Pull out the inner frame.
4. Locate short black pigtail cable from CD auto changer (it's the only cable on CD changer body) See Fig. 2



Fig. 2

5. Remove cable from holding tab and disconnect by pulling apart **(DO NOT TWIST OR WIGGLE)** See Fig. 2
6. Once disconnected; female socket leads to CD changer and male plug leads to amplifier or radio - (See Fig. 3-4)



Fig. 3
Female connector

7. Insert factory male plug (See Fig. 4) to harness female connector (See Fig. 3). Make this connection by aligning both arrow markings and push-inwards to connect **(Use extreme caution when making this connection and avoid twisting)**



Fig. 4
male plug

8. Connect harness right-angle plug (See Fig. 5) to CD changer female connector/socket (See Fig. 3)

Warning: The harness male right-angle **does not have a (triangle) alignment marking**. Connect to vehicles CD pigtail by aligning imaginary (triangle) marking shown in Fig. 5 with (triangle) alignment mark factory CD changer connector (See Fig. 3/6).
DO NOT FORCE CONNECTION OR RISK DAMAGING BOTH.



Fig. 5

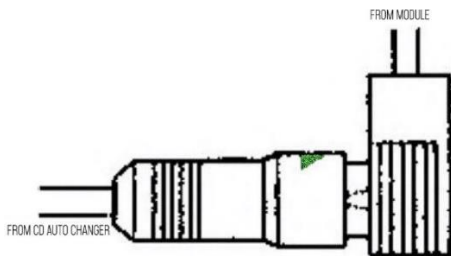


Fig. 6

Noteworthy: Your Jaguar may have multiple Ai-Net cables behind audio rack. To minimize connecting errors, locate single pigtail cable on CD auto changer-- this is the only cable with which you will be working. **Connection to any other cable may result in power loss, low or no audio playback etc.**

8. Crimp RED wire to included Add-a-Fuse Tap circuit (See Fig. 7)

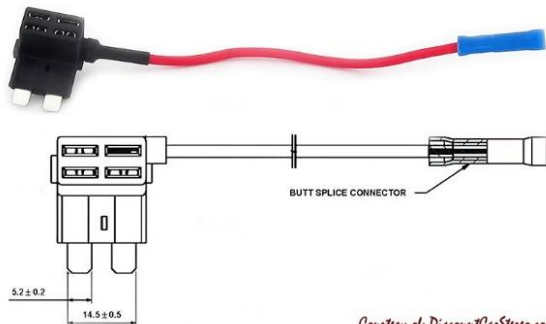
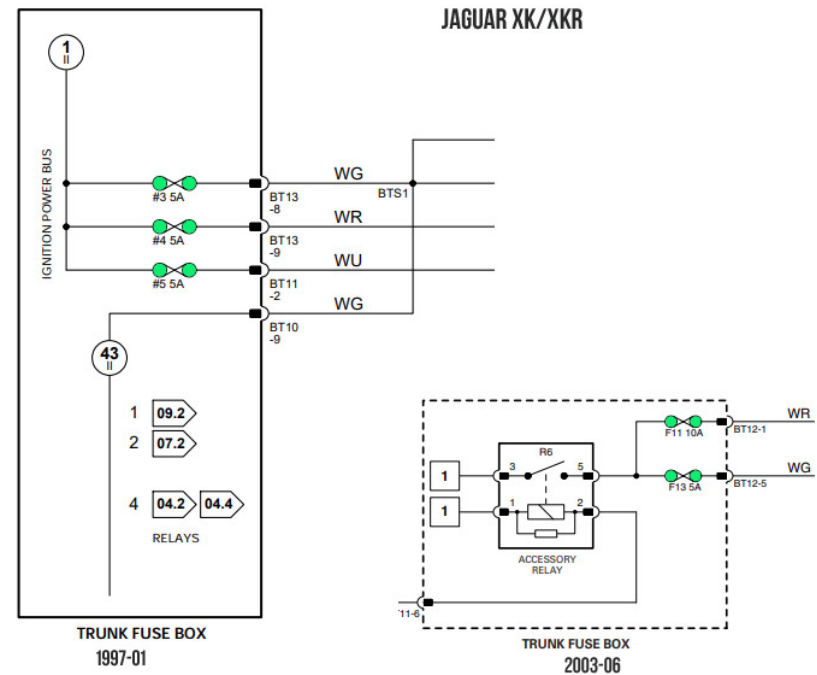


Fig. 7

Courtesy of: DiscountCarStereo.com

9. Insert Add-a-fuse to vehicles fuse box positions **F5 (XJ/R) or F3, F4, F5, F11, F13 (XK/R)** (Or any capable or supplying 12V when ignition key is in ACC/ON positions only)

Note: If aforementioned fuse position is occupied; remove said fuse and insert to vacant slot on Add-a-fuse circuit.



Accessory supply available at: F3, F4, and F5 (pre-2002) and F11, F13 (post 2002) XK/XKR F3, F5 (XJ)

Please start engine, turn radio on and press CD button to test for noise prior to finalizing install.

Note: Fuse F5 (XJ) protects Jaguar cigar lighter sockets and prone to engine noise especially if used as a USB-type charging port.

10. Connect installation harness 16-pin plug (See Fig. 8) to module 16-pin socket (See Fig. 9)

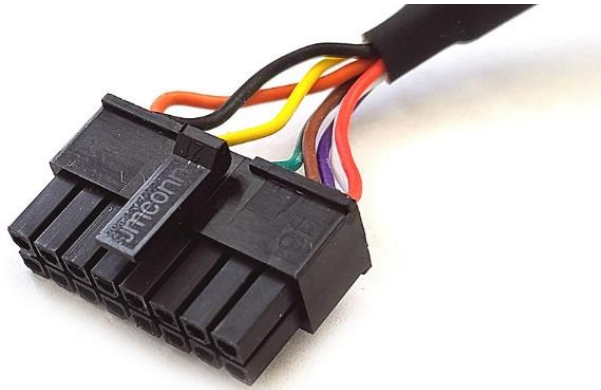


Fig. 8
16-pin plug



Fig. 9
16-pin socket

Optional USB extension cable installation

Please note: Because this module installs in trunk/hatch; we highly recommend optional USB dash mount extension cable (6 ft.) to extend USB charging port (See Fig. 12) to inside vehicle cabin etc. **USB port supports software updates and charging only.**

1. Drill a $\frac{3}{4}$ " hole to dash or panel using a step drill bit or equivalent (See Fig. 10)



Fig.10

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



Fig. 11
USB cable



Fig. 12

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



Fig. 13



Fig. 14

4. Secure module and proceed to pairing

Pairing

Pairing process 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. On A2DP device: Go to *Settings, Wireless & Networks, Bluetooth Settings*
3. Toggle on Bluetooth to enable it.
4. Wait for search results to appear on the list of available devices
5. Tap on the name (See Fig. 15) to connect to it.
6. Once connected, (DisCarSt) should show up as "Connected" in the list of devices under Bluetooth settings.

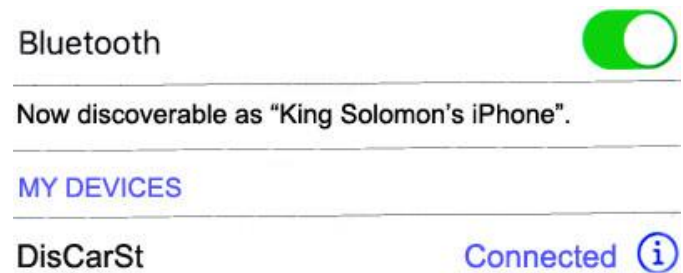


Fig. 15

Note: These steps are generally a one-time process as your Bluetooth device should connect automatically every time vehicle ignition is turned on.

Steaming operation

1. Turn ignition and radio ON. (Module Red LED should glow)
2. Press the radio "CD" button.





3. Launch audio device streaming application.
4. Set smart device volume to zero
5. Turn radio volume up 75% (3/4)
6. Increase smart device volume until audible distortion then decrease slightly until distortion free.
7. Use included wireless remote or device built-in controls to change tracks, adjust device volume, pause etc. (See Fig. 16)



Fig. 16

8. To switch to the CD changer; press remote **Pause/Play** button.
9. To switch back to streaming; press remote **Pause/Play** button.
10. If correct operation is confirmed go ahead and reinstall radio.

Frequent ask questions & troubleshooting

1. **Can I pair more than one device to the BTA-JAG98?**
YES; pairing multiple devices is possible, however only one device is able to connect at a time. Disconnect first device to allow pairing to another device.
2. **How do I listen to CD's?**
To listen to CD's press **PAUSE/PLAY** on remote control or manually pause playback on smart device.
3. **How good is sound quality playback from this module?**
Without starting a debate about wired vs. wireless; we will answer based on our own experience: The BTA-JAG98 sounded very good on our XJ Alpine Premium system.
4. **Can I install the BTA-JAG98 module behind the radio?**
NO; the BTA-JAG98 module connects to CD changer connector in luggage compartment.
5. **Please explain vehicle application and where does module connect?**
The BTA-JAG98 is specific to the following Jaguar vehicles:
1998-03 (x308) (Connect at CD changer plug in trunk)
Late 1997*-06 (x100) (Connects at CD changer plug in trunk/hatch)
FYI: Early 1997 XK8 radio display is on the top right, whereas on later models (1998-99), the radio display is at the center.
6. **Will I be able to make/receive phone calls using this module?**
NO. The BTA-JAG98 supports music streaming. **Not for hands-free calls.** Purchase our [A2DIY-JAG98](#) instead.
7. **I hear clicking sounds as I use my device, how can I stop this?**
Go to device settings and disable touch sounds.
8. **My module does not always pair when entering vehicle. How to I remedy this?**
Ensure module has not already paired with another device. Cycle ignition or disable/enable Bluetooth on smart device.
9. **It is possible to change Bluetooth ID name to my own?**
This may be possible on some devices but not so on recent iPhones:
Make sure module is powered on and connected.
Go to Phone settings and tap Bluetooth.
Tap  next to DISCARST, then tap Name
Enter a new name (e.g. Jaguar-BT etc.) tap Done on keyboard, then tap 
The custom name given now appears in Bluetooth settings of your device.

10. **Only one side plays, or radio does not respond to "CD" button. What could be causing this?**

- Check that factory CD plug (See Fig. 4) fit snugly to install harness socket (Refer to page 3-4).

- Check female connector pins. These may need "adjusting" especially if terminals on factory male plug are no longer "flexing" or have never been disconnected.

Use images below to "flex" pin holder so to allow a firmer connection with factory plug. This is a one-time adjustment that will not have to be repeated:



11. **Playback is distorted, how do I fix this?**

If playback is distorted it's likely because audio device volume setting is too high. To fix, turn the radio volume up to comfortable level, then lower volume on device until it no longer distorts.

12. **Will Jaguar radio display song tittle, name or playlist?**

NO. Song/track information not displayed on Jaguar radio screen. This information will be available on audio device display or touch screen.

13. **Bluetooth ID name is not showing up on my device. What must I check?**

One reason for module ID to not display on smart device is because module has no power. Ensure power is reaching module by testing for 12V on accessory wire beyond Add-a-fuse" circuit crimping point. If crimp is compromised, power will not reach module. To fix simply cut blue crimp and splice red wires after which the module should power up and available for pairing.

14. **With engine running, there is a high pitch squeal increasing with speed. Can you propose a possible solution?**

Alternator whine is a nuisance. Check that battery post and ground terminals are free or corrosion. If these check out, consider installing a **noise filter**.

15. **Does the remote also control CD changer functions?**

NO. The included remote is only able to control the select Bluetooth functions shown in Fig. 16

16. **How do I insert or change battery in the remote-control?**

Insert CR2025 battery to holder with label side up or as seen in Fig. 17



Fig. 17

Appendix:

Troubleshooting Bluetooth connection

Check your phone's Bluetooth connection

1. Open the Bluetooth Settings

Make sure Bluetooth is enabled on phone.

2. Check the device's current connections

If you've previously paired Bluetooth device to another device that is in range, try disconnecting from that device before pairing with a new one.

3. Check the Bluetooth range

In order to connect, most Bluetooth devices need to be within 10 meters from the phone. Make sure the devices are close enough; otherwise, they will not connect.

4. Restart both devices

If possible, restart Bluetooth device. This can help fix minor issues and may help the Bluetooth device connect again.

5. Try connecting to a Bluetooth device

From the Bluetooth settings menu, tap Scan, and then select your desired Bluetooth device from the list of available devices. Follow the prompts to complete the pairing.

- Remove any third-party cases or covers that may interfere with wireless connections.

6. Clear the Bluetooth cache.

You can clear the Bluetooth data cache on the phone or tablet to completely reset Bluetooth. To do this, open **Settings > Apps > More options** (the three vertical dots) > **Show system apps > Bluetooth > Storage > Clear data**. Tap **OK** to confirm.

7. Check both devices for software updates.

Check to see if your phone or tablet has any available software updates and update it as needed. Also, make sure to check if your Bluetooth device needs any software or firmware updates. These are often overlooked. You may need to contact the manufacturer for instructions if you have a third-party device.

*Late 1997 XK with Ai-NET plug (not for early 1997 XK8 with 8-pin DIN plug)

Disclaimer

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

For additional support email support@discountcarstereo.com

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