JAGUAR

Bluetooth 4.2

SCAN ME

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 steam 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.
If vehicle does not have a CD changer (of it malfunctions); purchase our BTZ-JAG98 or BTZ-JAG98R instead.
The BTA-JAG98 does not support hands-free calls. See our BTH-JAG98 instead.

See Frequently Asked question at the end of this guide for more details.

Installation – to CD changer plug in luggage compartment

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

1. Remove carpet trim panel surrounding audio rack (See **Fig. 1**). If vehicle does not have navigation module; use opening to access the CD changer connecting plug, however; if vehicle has navigation, accessing plug may require 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

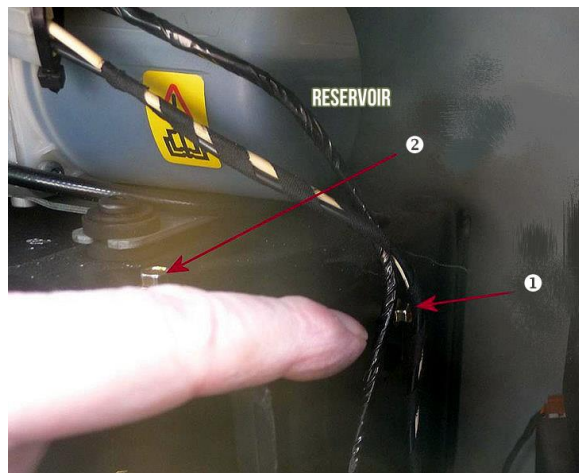**Fig. 1B**

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

Fig. 2

5. Remove cable from holding tab and disconnect **(DO NOT TWIST OR WIGGLE)** See **Fig. 2**

Fig. 3
CD changer connector

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

Fig. 4
factory male plug

7. Connect installation harness right-angle male plug (See **Fig. 5**) to the CD changer female connector (See **Fig. 3/6**)

> **Alert:** The installation harness has a right-angle plug which **does not have an alignment marking (triangle).** Connect to the factory CD connector by <u>aligning imaginary (triangle) marking</u> shown in **Fig. 5** with alignment mark on the factory CD changer connector and push straight-in to mate. (See **Fig. 6**), <u>DO NOT FORCE OR TWIST CONNECTION OR RISK DAMAGING BOTH</u>.
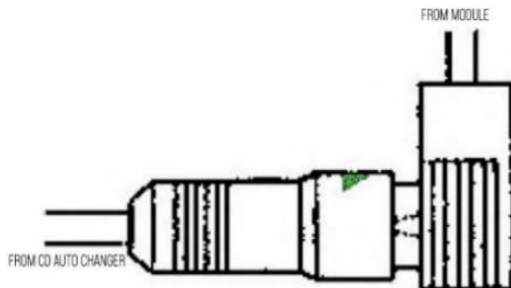

Fig. 5

Fig. 6

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

8. Crimp installation harness RED wire (See **Fig. 8**) to the blue butt connector on included Add-a-Fuse circuit (See **Fig. 7**)

Fig. 7

9. Remove one of the following fuses (e.g.**F5 (XJ) or F3, F4, F5, F11, F13 (XK)** from fuse box and replace with the Add-a-fuse circuit.
10. Inserting the factory fuse removed in step 9 to the **"Factory fuse slot"** on the add-a-fuse circuit (See **Fig. 7**)
    Note: If the factory fuse slot was empty (no fuse); the "factory fuse" slot on add-a-fuse circuit is left empty. (See **Fig. 7**)
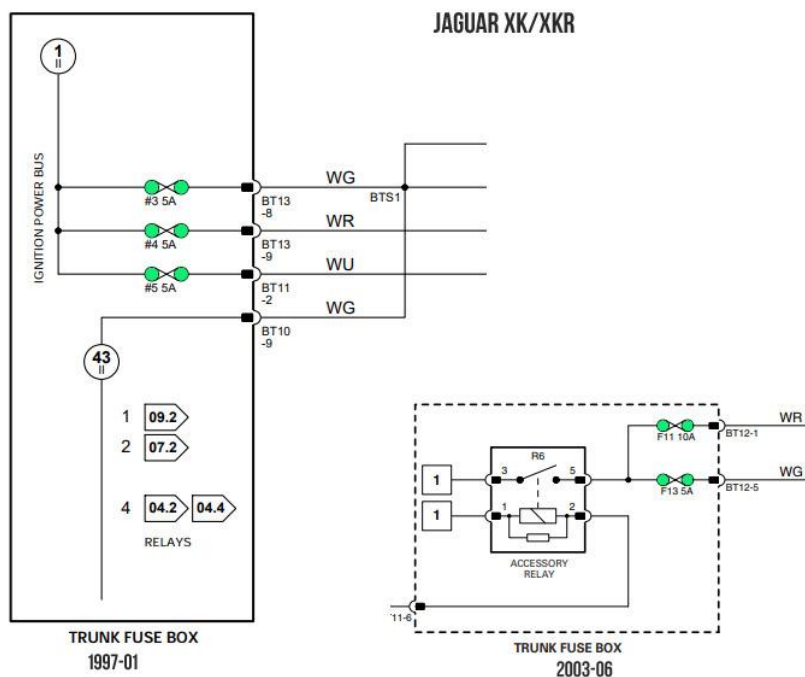
JAGUAR XK/XKR

TRUNK FUSE BOX
1997-01

TRUNK FUSE BOX
2003-06

Fig, 8
16-pin plug

Fig. 9
module

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

Please start engine, turn on the radio, 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 a USB-type charging device is plugged in.

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

Ensure plug is fully seated and locked in place.

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 extends the module built-in USB charging port (See **Fig. 12)** inside the cabin etc. USB port supports software updates and charging only.

1. Drill a ¾" hole to dash or panel using a step drill bit or equivalent (See **Fig. 10**) As an alternate; use the included bracket (See Fig. **15**) to mount USB without drilling.

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

Fig. 15

4. Secure module and proceed to pairing

Pairing

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"
   The module RED LED (See **Fig. 12)** glows solid
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 and module BLUE LED glows solid.
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"
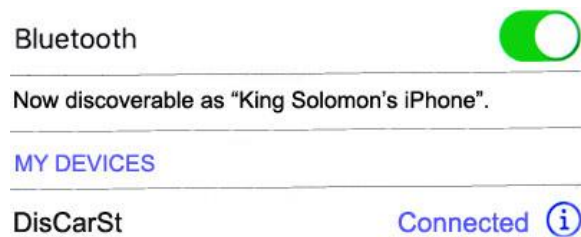

Fig. 16

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

Feature comparison chart

Bluetooth hands-free and streaming modules:

Feature	BTH-JAG98	BTH-JAG98R	BT3-JAG98
CD changer retention	✓	✓	X
Requires CD changer	✓	✓	X
Audio input (AUX)*	Optional	Optional	X
Charging (USB)	Built-in	Built-in	Built-in
Visor microphone	✓	✓	✓
Requires 12V ACC wire	✓	✓	X
Hands-free calls	✓	✓	✓
Audio streaming	✓	✓	✓
Radio button controls	X	X	✓
Wireless remote	✓	✓	X
Module install location	Armrest/dash	Armrest/dash	Armrest/dash
Harness connects to	Trunk/hatch	Radio	Trunk/hatch

*Aux input option will replace CD playback (CD changer remains connected but will no longer play)

Bluetooth streaming modules (Not for hands-free calls)

Feature	BT2-JAG98	BT2-JAG98R	**BTA-JAG98**
CD changer retention	X	X	✓
Requires CD changer	X	X	✓
Audio input (AUX)*	X	X	X
Charging (USB)	X	X	**Built-in**
Visor microphone	X	X	X
Requires 12V ACC wire	X	X	✓
Hands-free calls	X	X	X
Audio streaming	✓	✓	✓
Radio button controls	✓	✓	X
Wireless remote	X	X	✓
Module install location	Trunk/hatch	Radio	**Trunk/hatch**
Harness connect location	Trunk/hatch	Radio	**Trunk/hatch**

Steaming operation

1. Turn on the ignition and radio. (Module red LED should glow steady)
2. Press the "**CD**" button- expect the CD to play unless magazine is empty.
3. Launch streaming application on audio device (e.g. Smartphone)
4. Set audio device volume to zero
5. Turn the radio volume up to between 75%-80% (3/4)
6. Increase audio device volume until audible distortion then decrease sightly until distortion free.
7. Use included wireless remote or audio device built-in controls to change tracks, adjust volume, pause etc. (See **Fig. 17**)
   Note: To adjust volume (+/-) use tapping action instead of tap and hold

Fig. 17

8. To switch to the CD changer; tap remote **Pause/Play** button.
9. To switch back to streaming; tap 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 tap **PAUSE/PLAY** on remote control or pause playback on audio device.
3. **How good is playback sound quality while streaming?**
   Without starting a debate about wired vs. wireless; we will answer based our own experience: The BTA-JAG98 sounded great in our 2002 XJR with Alpine Premium system and we are confident you will have a similar experience.
4. **Can I install the BTA-JAG98 module behind the radio?**
   NO; the BTA-JAG98 module connects to the CD auto changer plug in luggage compartment and also installs in that location.
5. **Please explain vehicle application and where does the installation harness connect in vehicle?**
   The BTA-JAG98 is specific to the following Jaguar vehicles with CD changer:
   1998-03 (x308) (Connects to CD changer plug in luggage compartment)
   Late 1997*-06 (x100) (Connects at CD changer plug in luggage compartment)
   Alert: The radio in early 1997 XK8 (X100), has the display on the top right, whereas later models (1998-06), has the display is in 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.**
   If streaming and hands-free is desired; purchase our BTH-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 paired with another device. Cycle ignition or disable/enable Bluetooth on smart device.

9. **Audio plays on one side of the car; "CD" button is not responding, or radio has lost power. What could be causing these issues?**
-- Check that factory CD plug (See **Fig. 3**) if fit snug to the connector on the installation harness. Go to page 2-3.
- - Inspect the pins on the installation harness female connector (See **Fig. 4**). These may need to be "adjusted". The pins on the factory male plug over time/temperature changes, may become rigid, no longer "flex" or developed a "memory position" especially if it has never disconnected.
To remedy radio power or "CD" button not responding issues:
Get a ¼" or 25mm flat head screwdriver (or the largest you can fit into the space bellow the "horse shoe-shaped" pin holder tab See **Fig. 18** and press (bend) slightly upward. Reconnect and if issue remain; repeat this step.
To remedy the no sound on one or all sides:
Get a ¼"/25mm flat head screwdriver (or the largest you can fit into the space above the flat pin holder tab **See Fig. 18** and press (bend) downwards. Reconnect and if issue remain; repeat this step.

Flexing the pin holders (up/down) allows for the pins to move closer and make "firmer" contact once matted to the factory plug (which may have become rigid and no longer flex)
This is a one-time adjustment that will not have to be repeated.

Fig. 18

10. **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.

11. **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.

12. **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 is not getting powe. 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 pair.

13. **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. Go to question #16 on next page.

14. **Does the remote also control CD changer or radio functions?**
NO. The included remote is only able to control the select Bluetooth functions shown in **Fig. 17**. Does not apply to radio or CD changer functions.

15. **How do I insert or change battery in the remote-control?**
Pull battery tab from remote and insert the CR2025 battery to holder with label side up or as seen in **Fig. 19**

Fig. 19

16. **I'm experimenting annoying engine noise (alternator whine that increases with engine speed) Is there a fix for this?**

If experimenting alternator whine (engine on); we recommend checking the fuse box for an alternate switch supply fuse (circuit). If this fails, we recommend buying and installing our plug-n-play in-line BT63-NF (See **Fig. 20)** noise filter. This plug-n-play noise filter fits between the radio harness and module. Click here to purchase.

Fig. 20

*For late 1997 XK8 with Ai-NET plug (not for early 1997 XK 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