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BT3-JAG98

BLUETOOTH STREAMING INSTALL GUIDE FOR 1997*-06 XK (X100) AND 1998-03 XJ (X308)

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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:

1997-06 X100 and 2000-03 X308 (Standard or Premium I.C.E.)

Introduction

Portable audio products are everywhere, reflecting demand from active people all over the world to take their music on the road. The BT3-JAG98 module supports Hands-free calls, music streaming and USB charging for Smartphone, Kindle, Tablet with HPF and A2DP profiles. A wireless connection means no wires, clutter or complicated setup. Works in select 1997*-06 X100 and 2000-03 X308 Jaguar radios with "CD" button on faceplate and 8-pin AI-NET type CD port in luggage compartment. With the BT3-JAG98 installed, users may use the radio SEEK buttons to track up/down and to accept/reject phone calls. A direct connection guarantees the best possible sound on car speakers and **replaces factory CD changer in luggage compartment.** (To retain CD changer, purchase our [BTH-JAG98](#) instead).

Factory CD changer (if present), must be disconnected.

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

Installation – to CD plug in luggage compartment.

Warning: Vehicles must have a CD changer plug in luggage compartment (CD changer (if present) must be disconnected).

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

2. To remove frame:
Remove (2) 7mm bolts on right and left side (See **Fig. 2, 3**)
Remove (2) 7mm bolts from top (See **Fig. 2, 3**)



Fig. 1



Fig. 2



Fig. 3

3. Pull out the inner frame.
4. **If vehicle has a CD changer;** the CD connecting plug is on the rear left of the CD changer. Disconnect CD changer from vehicles plug as seen in See Fig. 4



Fig. 4

5. **If vehicle does not have a CD changer:** look for the "CD" male plug (See Fig. 4) behind rack or amplifier pigtail (Premium I.C.E) (See Fig. 5)



Fig. 5
amp male plug

6. Connect factory CD changer male plug (See Fig. 4-5) to installation harness female connector (See Fig. 6).
7. To connect, please align arrow markings on each and push straight back (See Fig. 7)
Note: Use extreme caution when making this connection and avoid twisting. If resistance is felt, ensure arrows are aligned)



Fig. 6



Fig. 7

Routing installation harness (Sedan)

1. Use pry tool to open gap between window pillar and rear deck as seen in **Fig. 9**. From luggage compartment; fish the 16-pin plug (See **Fig. 8**) into cabin through gap (See **Fig. 9**) **Avoid pulling or tugging the 16-pin plug.**



Fig. 8



Fig. 9

2. Pull excess cable and tuck (hide) under backrest, seat cushion as you work towards the center glove box (armrest) See **Fig. 10**



Fig. 10

3. Continue fishing installation harness under center glove box and into storage bin area.
4. **To remove storage bin:** Open the center glove box and remove 2 Philips head screws from latch cover and two more from hinge then remove the single screw on retainer bracket.
5. Lift to remove storage bin and set aside.
6. Locate installation harness 8-pin female fed through in step 3 and **gently pull excess cable.**

Note: The aforementioned steps apply to sedan (X308). X100 (convertibles) may require additional steps **not part of this guide.**

Module installation

We recommend installing the module (See Fig. 13) in center armrest/glovebox (See Fig. 11) or behind the dash/radio (whenever possible).



Fig. 11

1. Connect installation harness 16-pin plug (See Fig. 8) to module 16-pin connector (See Fig. 12) Ensure locking tab is engaged and plug does not easily disconnect.



Fig. 12

2. Secure microphone to headliner or visor using included clip (See Fig. 13)
3. Route microphone cable (10 ft. long) down side pillar, under steering column and into radio cavity,

4. Connect microphone right angle plug to module "MIC" input. (See Fig. 14)
Wind noise will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.



Fig. 13



Fig. 14

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 the module built-in USB charging port (See Fig. 17) inside the cabin etc. **Note: 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. 15)
As an alternate; use the included bracket (See Fig. 20) to mount USB without drilling.



Fig.15

2. Fish USB cable terminal (See Fig. 16) through hole created in step 1 and plug into module USB port (See Fig. 17)



Fig. 16
USB cable



Fig. 17

3. Snap header (See Fig. 18) to surface until flush (See Fig. 19)



Fig. 18



Fig. 19



Fig. 20

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"
 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. 21)
 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"

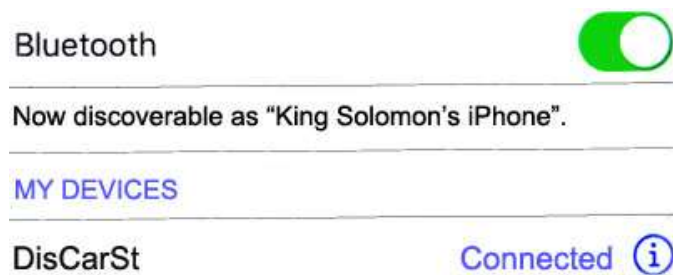


Fig. 21

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

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/radio | Radio | Radio |

*Aux input replaces CD playback

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 | Optional |
| 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 | Armrest/radio |

*Aux input replaces CD playback

Operation

1. Turn ignition and radio ON.
2. Press the radio "CD" button.
Radio display screen switches to "CD changer" mode (See Fig. 22)



Fig. 22

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. Launch music streaming application
8. **To skip tracks:** Tap the "SEEK UP" or "SEEK DOWN" buttons on radio or steering wheel (See Fig. 23)



Fig. 23

9. Place test phone call or ask someone to call.
Alert: Ensure radio is in "Bluetooth" mode otherwise press "CD" button
10. To accept, tap "SEEK DOWN" on radio or steering wheel (See Fig. 24)
11. To reject, tap "SEEK UP" on radio or steering wheel (See Fig. 24)



Fig. 24

12. Adjust call volume with radio VOL knob or steering wheel control.
13. If correct operation is confirmed go ahead and reinstall panels etc.

Frequent ask questions & troubleshooting

1. **Can I pair more than one device to the BT3-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 good is sound quality playback from this module?**
Without starting a debate about wired vs. wireless; we will answer based our own experience: The BT3-JAG98 sounded great in our 2002 XJR with Alpine Premium system.
3. **Can I install the BT3-JAG98 module behind the radio?**
YES; it is possible to install the BT3-JAG98 module in armrest(recommended) or behind the dash /radio.
4. **Please explain vehicle application and where does module connect?**
The BT3-JAG98 is specific to the following Jaguar vehicles:
1998-03 (x308) (Connects to CD changer plug in luggage compartment)
Late 1997*-06 (x100) (Connects at CD changer plug in luggage compartment)
Warning: CD changer (if present) must be disconnected. To retain use of the CD changer, purchase our [BTA-JAG98](#), [BTH-JAG98](#) or [BTH-JAG98R](#)
5. **Will I be able to make/receive phone calls using this module?**
YES. The BT3-JAG98 supports music streaming and **hands-free calls.**
6. **I hear clicking sounds as I use my device, how can I stop this?**
Go to device settings and disable touch sounds.
7. **My module does not always pair when entering vehicle. How to I remedy this?**
disable/enable Bluetooth on smart device.
8. **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.
9. **Will Jaguar radio display song title, 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.
10. **Audio plays on one side of the car; "CD" button is not responding or no power. What could be causing these issues?**
-- Check that factory plug (See Fig. 7) is snug to our connector (Page 3).
-- Inspect the pins in the female connector (See Fig. 6). These pins may need "adjusting" because the pins on the factory male plug over time/temperature changes may become rigid, and no longer "flex" or have developed a "memory position" especially if never disconnected/separated from the female connector.
To remedy the no power or "CD" button not responding issue:

Get a 1/4" / 25mm flat head screwdriver (or the largest you can fit into the connector) and flex (bend) the "horse shoe-shaped" pin holder tab upward or as seen in **Fig. 25**. Reconnect and if issue remain, repeat this step if necessary.

To remedy the no sound on one or all sides issue:

Get a 1/4" / 25mm flat head screwdriver (or the largest you can fit into the connector) and place above flat pin holder tab and flex (bend) downwards as seen in **Fig. 25**

Flexing the pin holders (up/down) allows for the pins to move closer and make a "firmer" contact with 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. 25

11. 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 crimp. If crimp is compromised, power will not reach module. To fix simply cut off the blue butt connector and splice red wires after which the module should power up and available for pairing.

12. 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 installing our in-line **BT63-NF**

(See **Fig. 26**) noise filter. This plug-n-play noise filter fits between the radio harness and module. [Click here](#) to purchase.



Fig. 26

*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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