



## **A2DIY-JAG98R**

**QUICK START BLUETOOTH INSTALL GUIDE FOR 1997-06 XK (X100) AND 1998-03 XJ (X308) STANDARD AUDIO WITH CD CHANGER**

*(Not applicable to other model/year Jaguars)*

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## Introduction:

This easy to install Bluetooth "triple play" kit is essential to keeping your classic as stock as possible with up to date Bluetooth features. This module sounds great for mobile conversations, streaming music, AUX playback and more. The included remote control is used to adjust smartphone volume, pause, play tracks and more and easily mounted to steering wheel or dashboard. In addition, an **optional** USB "Fast charge" kit is available to charge those power-hungry devices while on the road. Keep original radio and CD changer while enjoying Bluetooth features only available in newer cars.

**Note:** The A2DIY-JAG98R **does not interfere** with the functionality of existing AM/FM/radio), but **requires and retains use of the 6-disc auto changer.**

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



The A2DIY-JAG98R connects to the radio in **1997-06 Standard Audio System only. 2000-03 XJ and 2000-06 XK with amplifier are NOT compatible.** See our [A2DIY-JAG98](#) instead.

We recommend disconnecting the Negative Battery Terminal (See Fig. 1)

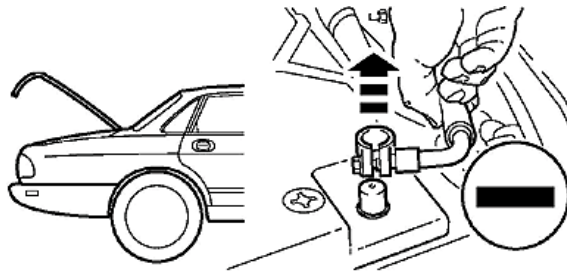


Fig. 1

1. Move "J" gate selector to position "D"
2. Using a panel removal tool, unclip and remove "J" gate finisher (See Fig. 2)

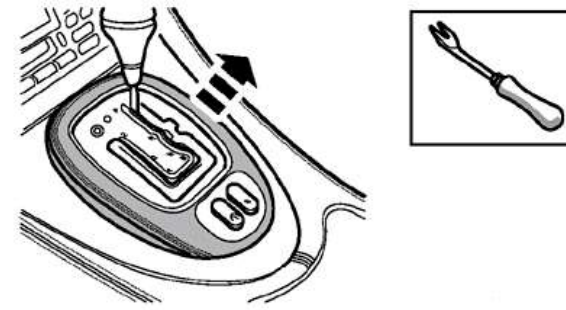


Fig. 2

3. Using a T30 torx head, remove "J" gate finisher plate (See Fig. 3)

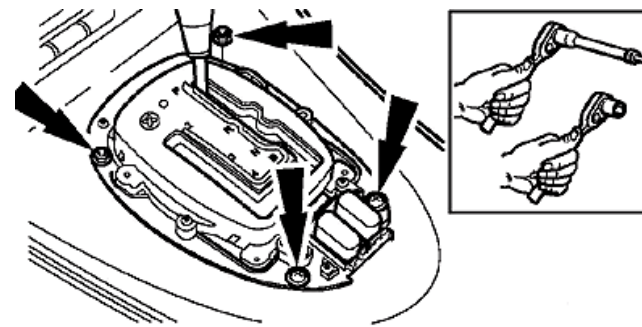


Fig. 3

4. Lift finisher plate upwards and disconnect electrical plugs (See Fig. 4)

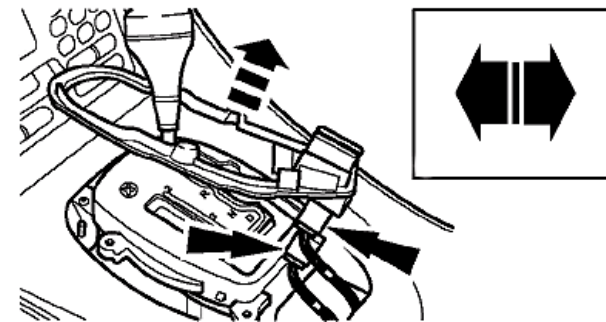


Fig. 4

5. Remove center console veneer panel (See Fig. 5)

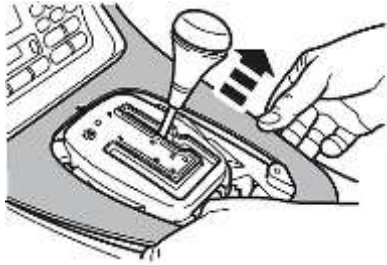


Fig. 5

6. Remove (2) Philips head screws on LH and RH side of console (See Fig. 6)

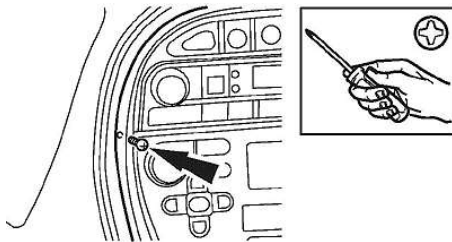


Fig. 6

7. Lift radio over gear selector hub and remove from dash (See Fig. 7).



Fig. 7

8. Disconnect CD Auto Changer plug from radio as seen in Fig. 8

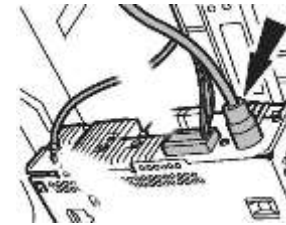


Fig. 8

9. Connect factory CD changer plug (from step 8) to module Female connector (See Fig. 9)



Fig. 9

Module

10. Connect module male plug back into radio connector vacated in step 8



In order to avoid removing radio ground strap to fit angled plug; audio adapter male plug (See Fig. 9) has been changed from right to straight angle.



- 11. Module **Red Accessory wire** requires 12V Accessory supply (**Do not connect to constant battery supply**)



Premium radio 10-pin plug  
**Fig. 12**

Factory plug	Accessory wire	Ground wire
10-pin radio plug (white)	Pin 7 (white)	Pin 6 (black)
	<b>Battery wire</b> Pin 1 (Brown/Green)	

- 12. Tap module's **Red wire** to White wire at PIN 7= 12V ACC



**Fig. 12**

- 13. Tap module's **Red wire** to White wire at PIN 7= 12V ACC

## Playback options explained

These options are available at checkout:

1. Retain changer playback (**default**)
2. Auxiliary input (instead of changer playback)

### Retain Changer playback:

Default option that allows users to retain use of their 6-disc CD auto changer. **Proceed to installation step 3 below.**

### AUX input (instead of changer playback):

This option allows users to connect and play a portable audio device (e.g. sat radio, Alexa, iPod, Mp3 etc.) instead of 6-disc CD auto changer)

**WARNING: The required CD changer remains connected but will no longer play.**

Connect included 3.5mm audio cable (See **Fig. 14**) to module "AUX" jack (See **Fig. 15**)

1. Route audio cable plug to where audio device will reside (within 3 ft.)
2. **Proceed to installation step 3 below.**



**Fig. 14**  
 Audio cable



**Fig. 15**  
 Module

3. Connect push-to-talk button 1/8" plug to Module "CTR" jack (See Fig. 15), route button to front of the dash, remove tape backing and stick to dash (cable is 6ft. long). (See Fig. 16)



**Fig. 16**  
push-to-talk button

5. Remove tape backing from microphone mounting bracket and attach to headliner, sun visor etc.; route cable down pillar, under dashboard toward module location and connect to module "MIC" input. (See Fig. 15)

**Wind noise (Convertibles) will negatively affect phone calls. Users are advised to install microphone lower away from wind/ventilation ducts etc.**



Microphone



## Optional Push-to-talk button with built-in Microphone

Optional Push-to-talk kit combines both microphone and push-to-talk button in a single case reducing installation time. Simply connect microphone 1/8" plug to Module MIC/CTR input jack and route button to front of the dash, remove tape backing and stick to dash (cable is 6ft long) See Fig. 16A



**Fig. 16a**

## Optional USB "Fast Charge" Kit (not for thumb drives etc.)



Fig. 17

An optional USB charging port can be added to any car.  
Supports BC1.2, QC2.0, QC3.0, PE1.1, PE2.0, FCP, SFCP fast charge protocols  
(Apple, Samsung, Huawei etc.)

**Please Note:** iPhone "Fast charge" kicks in when the battery capacity is between 0% and 79%, but returns to regular charge mode when it reaches 80%.

Should you decide on this add-on, we suggest one of 2 connecting options:

**A. Flush to dash/panel requires drilling a 3/4" hole**

**B. Flush with Support bracket** (Mount USB terminal wherever your installation demands without drilling)

### A. Flush to Dash or Panel (drilling required)

**Note:** Alternately, user may modify cigar lighter opening

1. Drill a 3/4" hole in the dash or panel using a step drill bit or equivalent (See Fig. 18)



Fig. 18  
Step drill bit

2. Insert male terminal from supplied 3ft. cable (See Fig. 19) through hole created in step 1 and connect to installation harness charging port (See Fig. 20)



Fig. 19  
Flush mount 3 ft. USB cable



Fig. 20  
USB port

3. Snap USB cable head (See Fig. 21) to hole created in step until flush with mounting surface (See Fig. 22)



Fig. 21  
USB head



**Fig. 22**

Flush mounted to dash

4. Tuck and secure any extra wire from moving parts and test operation

## B. Bracket Mount (No drilling)

1. Locate a flat surface at location of choice within 3.2 ft. of module to mount USB support bracket (See **Fig. 23**) using adhesive/tape or screws (included).



**Fig. 23**

USB mounting bracket

2. Insert USB cable male terminal through hole in bracket (See **Fig. 23**) and connect to installation charging port (See **Fig. 20**)



**Fig. 24**

3. Snap USB cable head (See **Fig. 24**) to bracket until flush (See **Fig. 25**)



**Fig. 25**

4. Connect red wire to 12V. To maintain ability to charge without ignition key, connect red wire to Battery (**Always on**) power at pin 1 or 2 of factory radio 10-pin plug. To charge with ignition key, connect red wire to Accessory power at pin 7 of factory 10-pin plug. Connect black wire to ground (pin 6)

Factory plug	Accessory wire	Ground wire
10-pin radio plug (white)	Pin 7 (white)	Pin 6 (black)
	<b>Battery wire</b>	
	Pin 1 (Brown/Green)	

5. Tuck and secure any extra wire away from moving parts and test operation (*See Bluetooth Pairing and Connection*)

## Wireless remote control

**pairing wireless remote:** Pair to Smartphone for media control functions (does not operate Jaguar radio). The remote pairs with multiple devices but can only operate one at a time. Follow 3-step pairing process below:

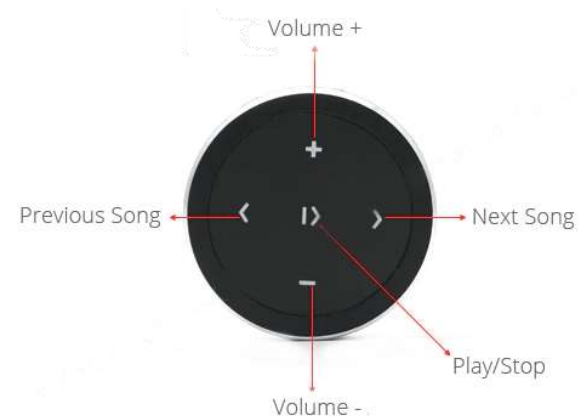


## Installing wireless remote:

Install wireless remote to dashboard or panel with provided steering wheel holder or double side tape.  
Ships with CR2032 battery pre-installed.

## Remote control operation:

With the wireless remote paired to smartphone, users may perform the following functions on devices with iOS7.0 and higher and Android 4.4 and higher.



### In addition to above:

To answer/end call press **Play/Stop** button (Android only) or press push-to-talk button (Apple and/or Android)

To switch from streaming to AUX press, **Play/Stop** button (Android only) or press push-to-talk button (Apple and/or Android)

**Noteworthy:** **Push-to-talk button must be used to answer/end calls on Apple devices;** however both the push-to-talk button and wireless remote **Play/Stop** button can be used for this purpose on Android devices. If your application is exclusive to Android; push-to-talk button installation is optional.



## Bluetooth Pairing:

This process is done upon initial install and will not have to be repeated.

1. Turn ignition and radio "ON"  
*Blue LED through module peephole will flash (pairing mode)*
2. On A2DP device: go to **Bluetooth Settings, Tap to Scan**
3. Wait for Bluetooth device name (See below) to appear and tap it.  
*Once paired confirmation tone is heard on car speakers*

Bluetooth



Now discoverable as "King Solomon's iPhone".

MY DEVICES

LANNI

Connected ⓘ

## Test Operation

1. Turn ignition to accessory position and radio ON.
2. Press "CD" button.



Fig. 26

3. Launch audio device streaming application.
4. Set audio device initial volume to 70%, then raise radio volume control button to set playback level. If distorted, lower audio device volume.
5. Use wireless remote to change tracks, adjust device volume, pause etc.
6. Place phone call or ask someone to call. Use push-to-talk button to accept/end call (iPhone and Android) or press **pause/play** button on remote (Android only)  
**Note:** The push-to-talk button can be used to accept/end calls on both Apple and Android devices, however wireless remote **pause/play** button only works to accept/end calls and switch between optional AUX and Bluetooth on Android devices
7. To switch between CD or AUX playback, press remote **pause/play** button or push-to-talk button
8. If correct operation is confirmed go ahead and reinstall radio.



Playlist and Track selection is **\*NOT\*** possible from Jaguar radio buttons. Use audio device built-in controls or wireless remote to access and control audio files and applications.

## Frequent asked questions

- What is the difference between the A2DIY-JAG98 and A2DIY-JAG98R?**  
The A2DIY-JAG98R connects to the radio and applicable to 1997-06 XK, 1998-03 XJ Standard audio system only. 2000+ vehicles with Premium Audio system (amplifier in trunk—[See Fig. 27](#)) are requires our [A2DIY-JAG98](#). **To be clear, any 2000-06 XK or 2000-03 XJ with premium audio (amplifier in trunk) requires the A2DIY-JAG98 and connection is made at the CD Auto changer in trunk/hatch.**



Fig. 27

- Can I pair more than one device to Bluetooth module?**  
**YES;** pairing multiple devices is possible, however only one device can connect at a time. Disconnect first device to allow pairing to another device.
- Will I be able to use both music and Navigation apps at the same time?**  
**YES!** When streaming audio and Navigation apps; 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 the call has ended.

- After installing and testing the system everything works, but there is engine "whine". (increases with RPM) What can I do to fix this?**  
Ensure all connections are snug.  
If powering module with cigar lighter: remove device plugged into cigar port.  
Relocate accessory wire,  
Install a suitable [noise filter](#).
- Which devices can be charged on the USB charging port?**  
Optional "Fast charge" USB port Supports BC1.2, QC2.0, QC3.0, PE1.1, PE2.0, FCP, SFCP fast charge protocols (Apple, Samsung, Huawei etc). iPhone "Fast charge" kicks in when the battery capacity is between 0% and 79%, but returns to regular charge mode when it reaches 80%.
- How do I listen to the CD changer or AUX device?**  
In order to listen to CD's or AUX, press push-to-talk button or play/pause button on remote control.
- Can I install the A2DIY-JAG98R at the CD Changer plug in trunk/hatch?**  
**NO;** the A2DIY-JAG98R module connects to the radio behind the dash.
- What is the vehicle application and where does the module connect?**  
The A2DIY-JAG98R is specific to the following Jaguar vehicles:  
**1997\*-03 (x308) (To Radio)—Standard audio system only**  
**1997\*-06 (x100) (To Radio)—Standard audio system only**
- I hear clicking sounds as I use my device, how can I stop this?**  
Go to device settings and disable touch sounds.
- My module does not always pair when entering vehicle. How to I remedy this?**  
Module may not pair if trying to pair with another device (last connected device). Should this happen, check that no other device has been paired, turn ignition off and back on or disable/enable Bluetooth on audio device.
- It is possible to change Bluetooth 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 LANNI, 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.

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

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

**13. What's the major difference between optional push-to-talk button with built-in microphone and visor mount microphone and separate push-to-talk button?**

The only major difference is convenience. With the single button there is no need to route microphone cable to visor etc. Push-to-talk button with built-in microphone must be installed away from ventilation ducts etc. and attaches to the dash with 3M tape.

\*1997 VIN#812317 and above

**Disclaimer**

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

For help email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)

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