JAGUAR

IP-JAG98

IPOD QUICK INSTALLATION GUIDE FOR JAGUAR X308 & X100 WITH CD CHANGER
Select 1997-06 Standard and Premium Systems

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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:
CD auto changer

Introduction

Many Jaguar owners looking for a simple way to connect Apple iPods will be pleased to know the iP-JAG98 adapter does exactly that. The iP-JAG98 adapter provides a 30-pin dock connector to charge and play Apple 30-pin iPods and iPhones. In **1997-06* with** Standard audio systems, **module connects to the radio or at CD changer plug in trunk/boot. 2000-06** Premium Systems; the module connects at the CD changer. See **Frequently Asked questions** at the end of this guide for more specific details.

Installation 1. (To radio)

Applies to 1997-99* x100 and 1998-99 x308 <u>Standard and Premium systems</u> <u>and</u> 2000-03 x308 and 2000-06 x100 <u>Standard systems</u> are able to connect module to radio **OR** CD changer plug in trunk/boot; **your choice!** Toggle switch (see **Fig. 11**) is used to select installation location. 2000-up Alpine Premium system must connect module at CD changer only. See installation 2 on page 5.
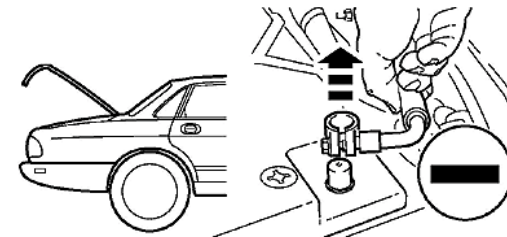
1. Disconnect negative battery terminal (See **Fig. 1**)

Fig. 1

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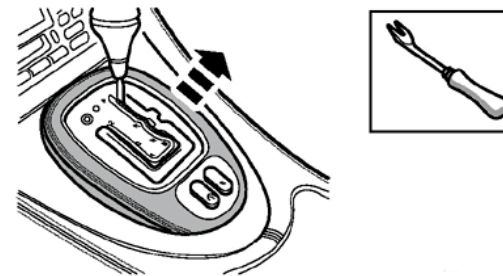

Fig. 2

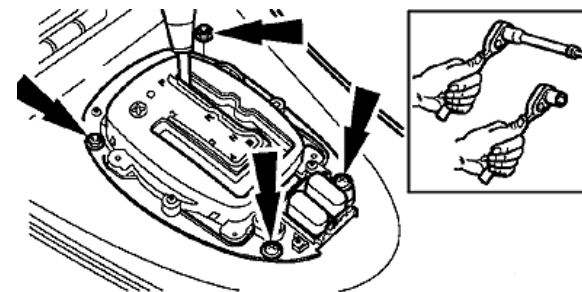4. Using a T30 Torx, remove "J" gate finisher plate (See **Fig. 3**)

Fig. 3

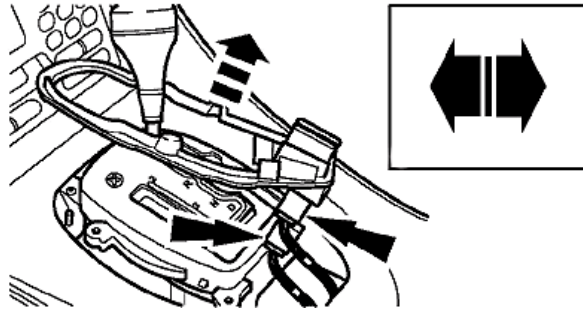5. Lift finisher plate upwards and disconnect electrical plugs (See **Fig. 4**)

Fig. 4

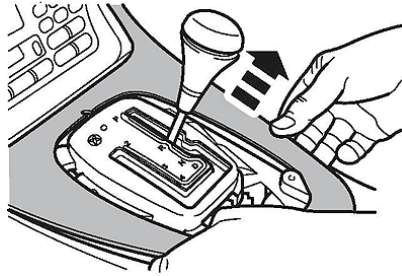6. Remove center console veneer panel (See **Fig. 5**)

Fig. 5

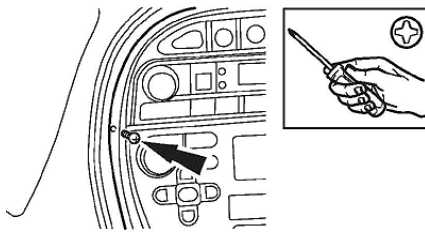7. Remove (2) Philip head screws on LH and RH side of console (See **Fig. 6**)

Fig. 6

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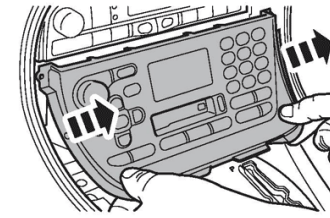

Fig. 7

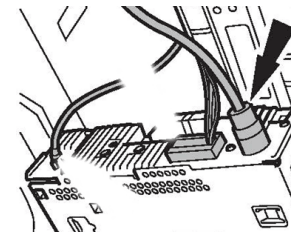9. Disconnect CD changer plug from radio as seen in Fig. **8**

Fig.8

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

Male

Fig. 9

11. Connect module male plug to radio CD changer port vacated in step 9

Ground strap warning: Due to the discontinuation of straight-angle male plug (See **Fig. 17**) the IP-JAG98 includes a right-angle male plug (See **Fig. 9**) 1997-99 XK radios (e.g. LJB4100BA/AJ9850A) ground strap (See **Fig. 10**) must be removed and relocated otherwise the right-angle male plug will not fit. This applies only to single DIN radios with ground strap.

Fig. 10

12. Connect Apple 30pin dock cable (See **Fig. 11**) 8-pin min-din port on module (See **Fig. 12**)
13. Route 30-pin dock to desired mounting location (dashboard, glove box, console etc.) within 12 ft. of radio.

Fig. 11

Fig. 12

14. Securely install the plug and cable in a location away from heat, humidity, moving parts, or sharp metal objects. Damage to dock connector may occur if subject to abuse.

Optional:

Want to play non-30 pin device through this adapter?
Purchase our A2D-DOCK and stream music from any Bluetooth enabled device including Smartphones, Kindle, Tablets, Laptops etc.
Want to play devices with 3.5mm jacks through this adapter?
Purchase our 3.5-PODF to connect and play any device with a 3.5mm jack

Installation 2. (To CD plug in trunk/hatch)

Applicable to 2000-03 x308 & 2000-06 x100 Premium Audio Systems

Warning! Toggle switch (See **Fig. 14**) applies to installation 1. NOT included in 2000-03 XJ, 2000-06 XK Alpine Premium Systems. In these vehicles the IP-JAG98 is only able to connect to the CD changer plug in trunk/hatch.

Fig. 14
Front/Rear toggle switch

2000-06: Follow these steps to determine if vehicle has Alpine premium (amplifier) system:

1. Go to trunk/boot and remove driver side brake light cover (amp/cd changer location may be opposite in ROW vehicles)
2. Remove carpet trim piece surrounding rack. Simply gasp top edge, pull down and away.
3. With trim piece removed, you will see rack which holds CD Auto Changer, Navigation DVD Unit, Amplifier etc. as seen in **Fig. 15**

Fig. 15
Typical Jaguar Premium rack contents

1. Remove (4) 8mm nuts securing rack to vehicle to reveal wiring and connections
2. Locate short black pigtail cable on CD auto changer (it's the only cable on CD changer) See **Fig. 16**

Fig. 16

3. Remove cable from holding tab (See **Fig. 16**), and disconnect by pulling apart (do not twist)

4. Once disconnected; female connector on the right (leads to changer) and male plug on the left (leads to amplifier or radio) - See **Fig. 17**

Fig. 17

5. Connect factory male plug (See **Fig. 17**) to module female connector. (See **Fig. 18**)

Fig. 18
Female/male connectors

6. Connect module right-angle male plug (See **Fig. 18**) to CD changer pigtail connector (See **Fig. 17**)

Warning: Module right-angle male plug does not have alignment marking. When connecting to CD pigtail, align imaginary mark shown in **Fig. 19** with alignment mark on pigtail connector (See **Fig. 17**), **Ignoring this step may result in damage to both plug and connector.**

Fig. 19

Noteworthy: Multiple Ai-Net cable connections found between audio rack components. To minimize connecting errors, locate single pigtail cable on CD changer--- this is the only cable with which you will be working. **Connecting module to wrong Ai-NET plug will result in loss of power, low playback etc.**

7. Route dock cable into vehicle cabin (center armrest, glove box or any location inside the vehicle.
    Note: In this guide dock cable is routed to center console (armrest).

Routing Apple dock cable

Dock cable extends from trunk to drivers' area at front of vehicle. (12 ft. long)

1. Start from rear window on driver's side. Use a pry tool or similar to open a gap (1/2 inch) to allow mini-din plug on dock cable through and into trunk as seen in **Fig. 20**

Fig. 20   Fig. 21

2. With dock connector through (**See Fig. 21**), go back into trunk and pull about 3 ft. of cable or as needed to reach module.
3. Return to vehicle and route dock cable under seat backrest and cushion working your way towards center console as seen in **Fig. 22, Fig. 23** and **Fig. 24**

Fig. 22   Fig. 23

Fig. 24

4. Continue to use pry tool or fingers to hide cable under center console until you reach area just below center armrest storage bin.
5. **To remove storage bin**: Open center armrest and remove 2 Philips head screws from latch cover and two more from hinge at the rear then remove single screw on retainer bracket.
6. Lift to remove storage bin and set aside.
7. Locate cable fed through in step 4 and **pull gently** until dock connector reaches bottom edge of console (**See Fig. 24**)
8. Use pry tool or fingers to feed dock connector through. Do not force or pull. (**See Fig. 24**)

Fig. 24

9. If center armrest is the final destination, wire tie any extra cable and store it at front end of center armrest as seen in **Fig. 25** (also allows for storage bin to fit back in place)

Fig. 25

10. Reinstall storage bin.

11. Route dock connector cable up and under latch cover **See Fig. 26**) or over and through gap between ashtray cover

Fig. 26

12. Secure hinge to storage bin using 2 Phillip screws and retainer bracket screw removed in step 5. This concludes cable installation.
13. Return to trunk and connect dock cable to module 8-pin mini-DIN (See **Fig. 27)** To avoid damaging cable, please ensure alignment marker on plug is facing up.

Fig. 27

Operation

1. Turn ignition to accessory position and turn on radio.
2. Press radio "**CD**" button- Track or Disc number will be displayed only if there is a disc in changer magazine otherwise "NO MAGAZINE" is displayed (See **Fig. 28**)

Fig. 28

3. Connect Apple iPod, or iPhone to dock connector
4. Apple device will begin charging
5. Select favorite track using device built-in controls.

> **Warning!** Playlist and Track selection is *NOT* possible from radio. You must use iPod built-in controls to access music files

6. Use radio volume control to adjust playback level
7. **Installation 1**: if there is no audio playback, flip toggle switch (See **Fig. 14**).
8. If correct operation is confirmed go ahead and reinstall Radio/rack and panels

Frequent asked questions & troubleshooting

1. **Why is it important to know if 2000-06 has Premium Sound System?**
   - It is important because 2000-03 x308 2000-06 x100 with premium systems, **the Module can only connect to CD Changer plug in trunk/boot**. To check simply remove carpet panel and verify rack contents. (See picture below). Amplifier (if present) is at atop shelf (Premium Sound)

   - 2000-03 x308 and 2000-06 x100 with **Premium Sound System** has a Subwoofer on rear deck (Sedan) or rear side panels (convertible).
2. **Can I install the iP-JAG98 without removing the radio?**
   Yes, Toggle switch included to allow early non-premium systems to connect module in trunk/hatch.
3. **I don't want to have to run a long wire from Trunk to cabin and prefer installing this to the radio. Is this possible?**
   YES, it is possible to install the iP-JAG98 to the radio **except in 2000+ X308 and X100 Premium systems**.
4. **I have a 1999 model but not certain if it has a Premium or Standard system, Do I need to install the iP-JAG98 to the radio or Trunk?**
   In 1997-99 models the iP-JAG98 installs at the radio OR trunk—your choice (Keep in mind that installing in the trunk requires the 12 ft. dock cable to be routed into cabin)

5. In which model/year Jaguars will the iP-JAG98 work and where is the connection made?
   The iP-JAG98 is specific to the following XJ and XK vehicles:
   1998-99 (x308) Premium System (installs at radio or Trunk)
   1998-03 (x308) Standard System (Installs at radio or Trunk)
   2000-03 (x308) Premium system (Installs in Trunk only)
   1997*-99 (x100) Premium System (Installs at radio or Trunk)
   1997*-06 (x100) Standard System (Installs at radio or Trunk)
   2000-06 (x100) Premium System (Installs in Trunk only)
6. My new Jaguar has the same CD changer plug as the x308 and x100. Will this adapter work?
   NO, the iP-JAG98 is specific to x308 and x100 models listed above and will not work in other application regardless of plug/connector similarities.
7. I connected everything as instructed in installation 1, but my iPod will charge but not play. What do you suggest?
   Flip toggle switch to opposite direction.

Std=Standard
Prem= Premium

* late 1997 XK8

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