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## **IP-JAG98**

Quick Installation Guide for Jaguar x308 & x100 with CD Changer  
**Select 1997-06 Standard and Premium Systems**

CREATED MAY 3, 2016  
REVISED AUGUST 23, 2019

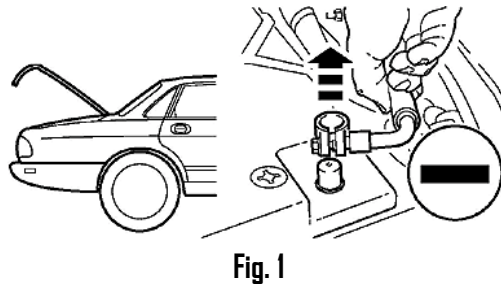
## Introduction:

Many Jaguar owners looking for a simple way to connect Apple iPods will be pleased to know the iP-JAG adapter does exactly that. The iP-JAG98 adapter provides a 30-pin dock connector to charge and play Apple 30-pin iPods and iPhones. The iP-JAG connects **to the radio (dash)** in **1997-06\*** Standard Audio Systems and to the **CD Changer (trunk/boot)** in **2000-06** Premium Systems. See **Frequently Asked questions** at the end of this guide for more specific details.

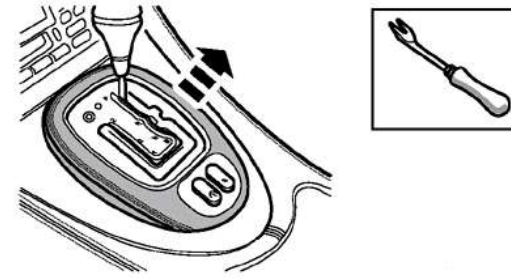
## Installation: (To Radio)

**Warning!** In 2000-03 x308 and 2000-06 x100 **Premium Audio** installations are limited to CD Changer/Amp location in trunk/boot. (See installation at CD Changer later in this guide)

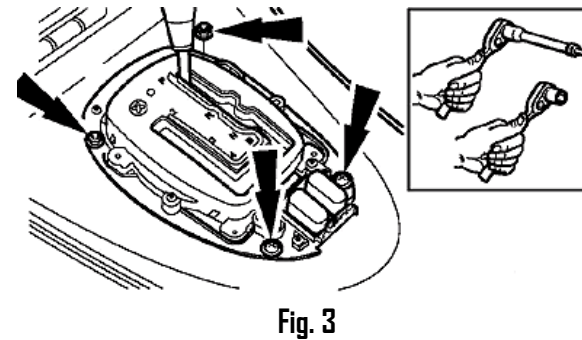
1. Disconnect Negative Battery Terminal (See Fig. 1)



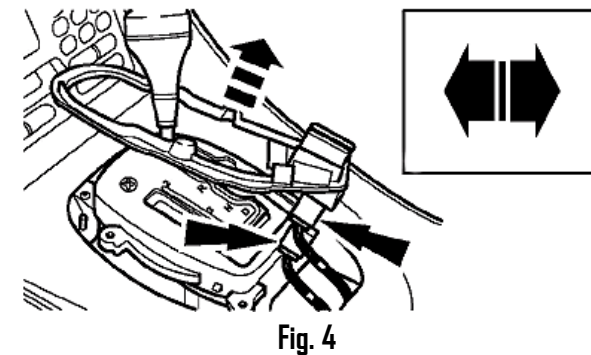
2. Move "J" gate selector to position "D"
3. Using a panel removal tool, unclip and remove "J" gate finisher (See Fig. 2)



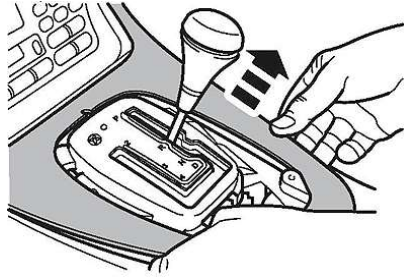
4. Using a T30 torx, remove "J" gate finisher plate (See Fig. 3)



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

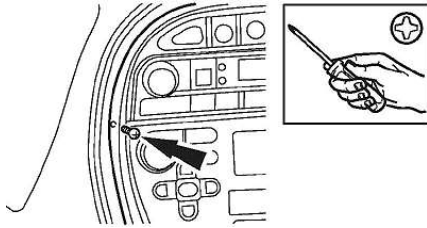


6. Remove center console veneer panel (See Fig. 5)



**Fig. 5**

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



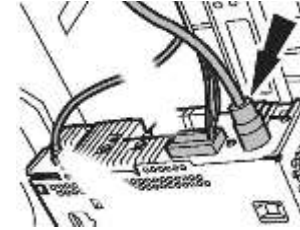
**Fig. 6**

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 Female connector on Module. (See **Fig. 9**)



**Fig. 9**

female (left) & male (right)

11. Connect Male plug from Module pigtail to Radio
12. Connect Apple 30pin charging cable to (See **Fig. 10**) 8-pin min-din port on Module (See **Fig. 23**) and route 30-pin end to desired mounting location on dashboard, glove box, console etc. that is within 12 ft. of Radio. Use caution to not cut, pinch or crimp the cable during this step.



**Fig. 10**  
30-pin dock

13. 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.**

## Add-on

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.



**Fig. 11**

## Installation: (To CD Changer in trunk)

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

**Warning!** 1997-99\* x100 and 1998-99 x308 **Standard and Premium Systems**, 2000-03 x308 and 2000-06 x100 **Standard Systems** has the option to connect module to Radio OR trunk/boot; **your choice!** Toggle switch (see Fig. 11) is used to select installation location. **Switch NOT included for 2000-06 Premium Systems as these only connect to Changer/Amplifier in trunk/boot.**



**Fig. 11**  
Front/Rear selection Switch

**2000-06: Follow these steps to determine if vehicle has a 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. The surround is usually not secured. 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. 12**



Fig. 12

Typical Jaguar Premium Rack contents

1. Remove (4) 8mm nuts securing rack to vehicle and lean rack forward to reveal wiring and connections
2. Locate Ai-NET cable (**thick black cable**) which connects CD Auto Changer to Amplifier. See Fig. 13



Fig. 13

3. Remove cable from holding tab and disconnect by grasping ends and gently pulling apart.

4. Once separated notice CD Auto Changer pigtail end is female (left) and Amp is Male (right) See Fig. 14



Fig. 14

5. Connect Amplifiers Male plug Female connector on Module (See Fig. 15)
6. Connect Male Plug from Module to CD Changer pigtail



Fig. 15

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 for trunk installs extends from trunk to drivers' area at front of vehicle. (10 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. 16**



**Fig. 16**

**Fig. 16a**

2. With dock connector through (**See Fig. 16a**), go back into trunk and pull about 3 ft. of cable or as needed to reach Module.
3. Return to vehicle and begin to route dock cable under seat backrest and cushion working your way towards center console as seen in **Fig. 17, Fig. 18** and **Fig. 19**



**Fig. 17**

**Fig. 18**



**Fig. 19**

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. 20**)

8. Use pry tool or fingers to feed dock connector through. **Do not force or pull.** (See Fig. 20)



Fig. 20

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. 21 (allows storage bin to fit back in place)



Fig. 21

10. Reinstall storage bin.
11. Route dock connector cable up and under latch cover **See Fig. 22** or over and through gap between ashtray cover



Fig. 22

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 mini-din plug to Module indicated by blue arrow in Fig. 23 below. (Make sure arrow on plug is facing up)





Fig. 23

Final destination for docking cable is left to your imagination.

## Test Operation

1. Turn ignition to accessory position and radio ON.
2. Press "CD" button on radio. Track or Disc number will be displayed only if there is a disc in Changer otherwise "NO MAGAZINE" is displayed (See Fig. 24)



Fig. 24

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 Volume control on radio to adjust playback level
7. If there is no audio, flip switch on Module (See Fig. 11). If correct operation is confirmed go ahead and reinstall Radio/rack and panels



## Frequent asked questions

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



- 2000+ x308 and x100 with **Premium Sound System** will have a Subwoofer on rear deck (Sedan) or rear side panels (convertible).
2. **Can I install the iP-JAG98 without removing the radio?**  
Yes, but only in 2000+ x308 and x100 Premium Audio Systems.
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+ 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 user can install the iP-JAG98 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 the 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 Jaguar XJ and XK vehicles:

1998-03 (x308) Standard System (Radio or Trunk)

1998-99 (x308) Premium System (Radio or Trunk)

2000-03 (x308) Premium system (Trunk only)

1997\*-06 (x100) Standard System (Radio or Trunk)

1997\*-99 (x100) Premium System (Radio or Trunk)

2000-06 (x100) Premium System (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 similarities.

7. **I connected everything as instructed, but my iPod will charge but not play. What could be done?**

Flip toggle switch (if applicable) in the other direction.

Std=Standard

Prem= Premium

\*1997 VIN#812317 and above

Email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)

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