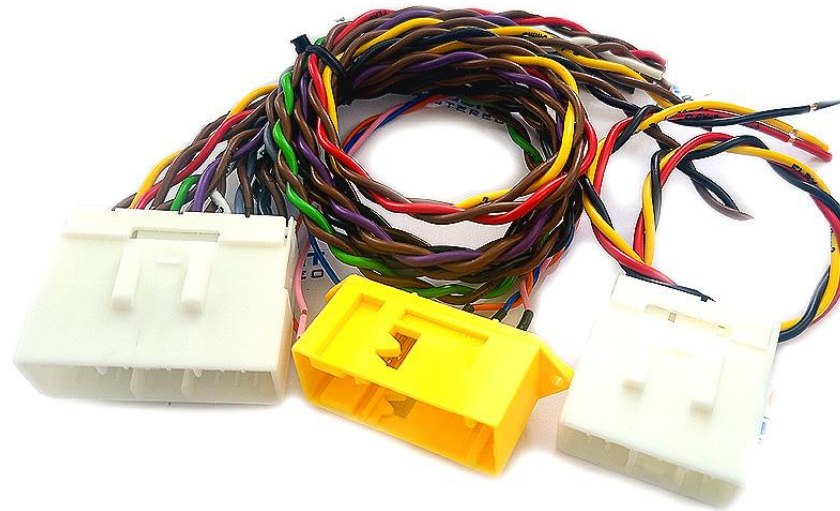


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## **ARH-JAG2P**

**RADIO/AMPLIFIER REPLACEMENTS FOR 2000-03 X308 AND 2000-06 X100 ALPINE PREMIUM AUDIO SYSTEMS**

**(with Ai-net connection)**

Created August 3, 2021  
Revised: October 17, 2024

## 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:

ALPINE PREMIUM ENTERTAINMENT SYSTEM

## Introduction

Many "car audio technology" advances have been made since these cars were introduced, and if you would like to be able to make/receive hands-free calls, satellite navigation, play music from a digital device, USB stick/memory card, iPod or Bluetooth from a single unit; you should consider replacing the OE radio. Unfortunately replacing Jaguar/Alpine premium radio and amplifier with aftermarket requires rewiring the entire system; however, with the ARH-JAG2P harness, the process is now a breeze. The ARH-JAG2P harness provides power, remote turn-on, illumination, steering wheel control signals and up to 8-speaker signal channels (front/rear door speakers, tweeters and subwoofers or any combination thereof) for the replacement amplifier. This welcome addition does not require cutting or modifying vehicle's harness because the included 18, 12 and 26-pin connectors mate perfectly with factory radio plugs and does not compromise vehicles wiring integrity should it become necessary to re-install original radio/amplifier if and when vehicle is offered up for sale or trade. **Exclusive to 2000-06 XK (X100) and 2000-03 XJ (X308) with Alpine premium audio system only. Not applicable to Harman Kardon systems.**

**Note:** This harness allows replacement of factory radio, amplifier and Cd changer in Alpine Premium ICE systems only.

## New radio installation

**Warning: Not applicable to Non-premium or Harman Kardon audio systems**

1. Disconnect negative car battery terminal (See Fig. 1)

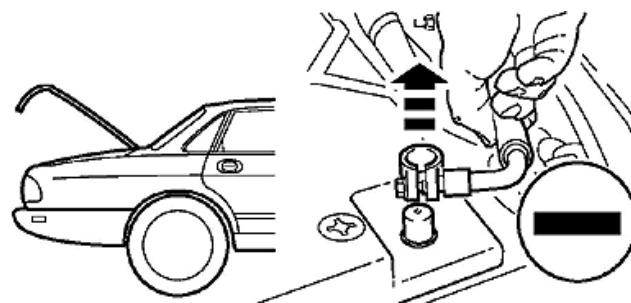


Fig. 1

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

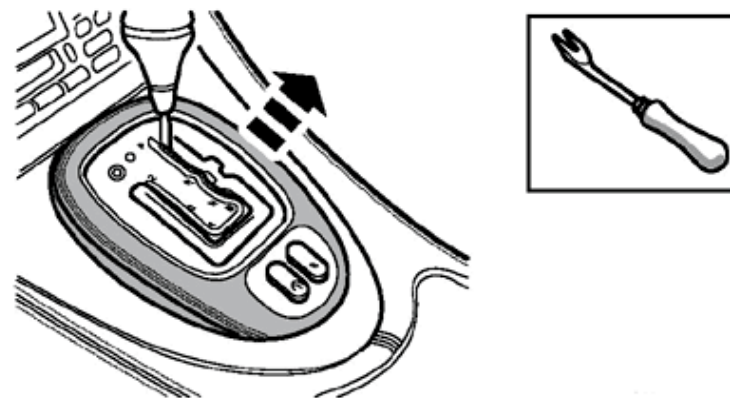


Fig. 2

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

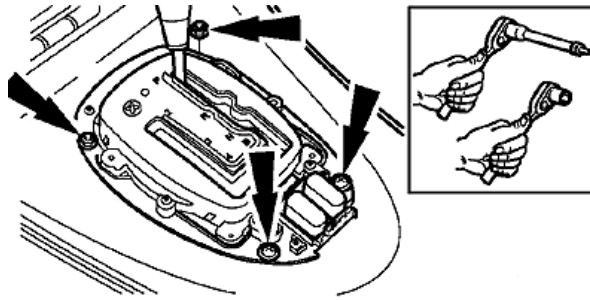


Fig. 3

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

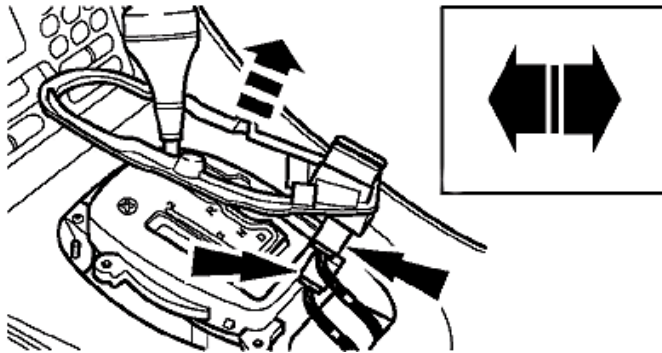


Fig. 4

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



Fig. 5

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

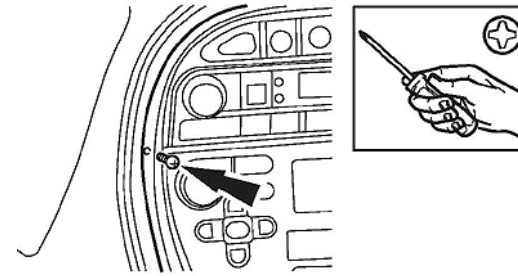


Fig. 6

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

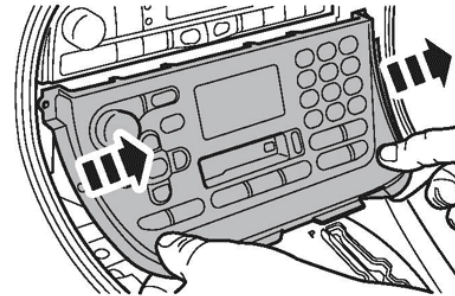


Fig. 7

8. Disconnect CD auto changer, power plug etc. from radio as seen in Fig. 8



Fig.8

9. Connect 26-pin MQS connector (See Fig. 9) to factory 26-pin MQS plug (See Fig. 8)

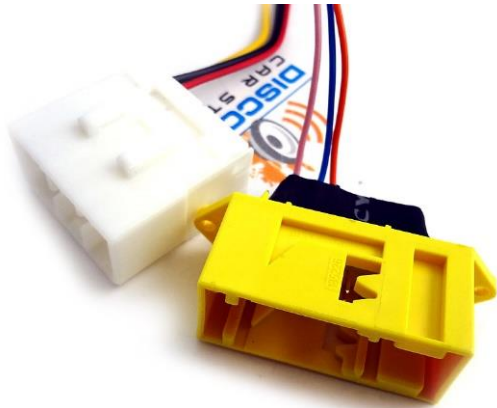


Fig. 9

10. Connect 12-pin connector (See Fig. 9) factory 12-pin plug (See Fig. 8).
11. Connect harness 18-pin plug to amplifier.
12. Splice/solder new radio **Ground** wire to black wire on 12-pin plug
13. Splice/solder new radio **Accessory** wire to red wire on 12-pin plug
14. Splice/solder new radio **Battery** wire to yellow wire on 12-pin plug
15. Splice/solder new radio **remote/amp** wire to blue wire on 12-pin plug
16. Splice/solder new radio illumination wire to orange wire on 12-pin plug
17. Splice/solder new radio or steering wheel interface wire to pink wire on 12-pin plug
18. To complete new radio install, please follow the install guide.

## New amplifier installation

Follow steps below to install an aftermarket amplifier of choice using the 18-pin harness included in the kit.

### Notes:

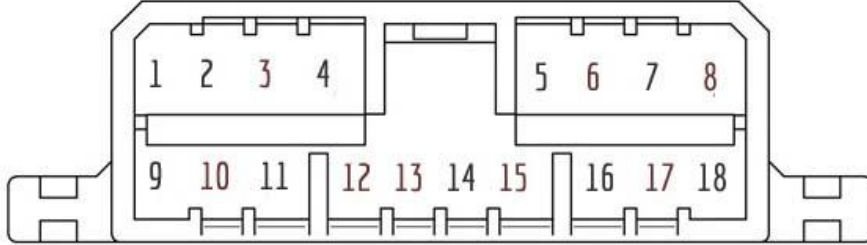
- Factory Cd changer, amplifier, DVD etc. will no longer function
- Aftermarket amplifier must have a minimum of 4-channels
- Aftermarket amplifier must have built-in HP/LP crossovers or external crossover is required.

1. Remove carpet panels surrounding Cd changer/amp rack in luggage compartment.
2. Remove amplifier to gain access to the connectors
3. Disconnect 18-pin plug from amplifier
4. Connect factory amplifier 18-pin plug to 18-pin harness plug (See Fig. 10)



Fig. 10

5. Connect 18-pin speaker wires according to diagram in Fig. 11



- 
- 1-9
  - 2- 10 Subwoofer (+/-)
  - 11-3 Subwoofer (+/-)
  - 4-12 Left rear door midbass (+/-)
  - 5-15 Left front door midbass (+/-)
  - 16-6 Right front door midbass (+/-)
  - 7-17 Left A post tweeter (+/-)
  - 18-8 Right A post tweeter (+/-)
  - 14-13 Right rear door midbass (+/-)

All speaker negative leads are brown  
1-9 are not used.

**Fig. 11**

6. To complete new amplifier installation, please follow the install guide.

**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](mailto:support@discountcarstereo.com)