



## BTA-AMV 1

### QUICK START STREAMING INSTALL GUIDE FOR 2001-07 ASTON MARTIN VANQUISH **WITH CD CHANGER**

Created August 27, 2024  
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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:

Functioning CD auto changer in luggage compartment.

## Introduction

Portable audio products are everywhere, reflecting demand from active people all over the world to take their music on the road. The BTA-AMVI (formerly **A2D-AVMI**) provides a Bluetooth **Music streaming** option for any A2DP enabled Smartphone or Tablet and allows users to stream music apps including turn by turn directions, audio books, Apple music, Deezer and more directly into the audio system via the CD changer port. This module now supports Bluetooth 4.2 codec which ensures higher quality audio over Bluetooth. In addition, the CD auto changer (required); remains connected and fully operational.

The BTA-AMVI **does not support hands-free calls**. See the [BTH-AMVI](#)

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

## Installation – to CD plug in trunk or hatch

**Warning:** For the BTA-AMVI to work, vehicle must have a fully functional CD changer. CD changer remains connected and operational.

1. Locate CD auto changer in trunk area (usually on left side). See Fig. 1



Fig. 1

2. Locate short cable pigtail on the rear lower left side of the CD auto changer, (It's the only cable coming out the changer-- See Fig. 2)



Fig. 2

3. Disconnect CD changer pigtail from factory plug by pulling apart (**do not twist**).
4. Once separated; Connect factory male plug (See Fig. 3) to installation harness female connector (See Fig. 4)



Fig. 3

- Make this connection by aligning both arrow markings and push-inwards to connect **(Use extreme caution when making this connection and avoid twisting)**



Fig. 4

- Connect installation harness right-angle plug (See Fig. 6) to factory CD changer female connector/socket (See Fig. 4)

**Alert:** The installation harness right-angle male plug **does not have a alignment (triangle) marking**. Mate with vehicles CD pigtail connector by aligning imaginary (triangle) marking shown in Fig. 6 with (triangle) alignment mark on the factory CD changer connector (See Fig. 4/7). **DO NOT FORCE CONNECTION OR RISK DAMAGING BOTH.**



Fig. 6

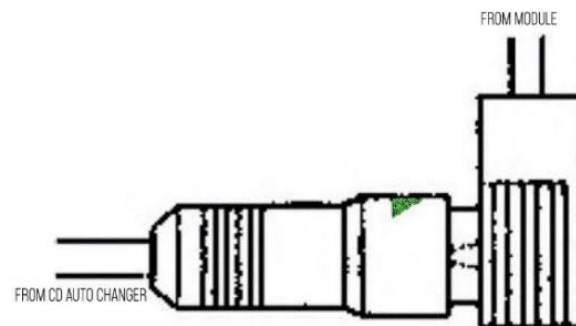


Fig. 7

**Noteworthy:** Jaguar vehicles will have multiple Ai-Net cables behind the audio rack. To minimize connecting errors, locate and follow the single pigtail cable on CD auto changer--- this is the only Ai-Net cable with which you will be working. Connecting the install harness to any other Ai-Net cable will result in power loss, low or no audio playback etc.

Fig. 5

**Vehicles without amplifier; skip to Pairing on next page.**

**Vehicles with amplifier:**

In premium audio systems (with amplifier); there will not be enough current to power the radio, amplifier and the BT2-AMVI module. Please use the included add-a-fuse circuit and accessory wire to finalize the install.



Fig. 6

- Remove fuse (e.g., F1) from fuse box (See Fig. 7)

8. Insert fuse removed from fuse box (e.g. F1) to add-a fuse (Factory fuse slot)
9. Insert add-a-fuse circuit to fuse box slot vacated in step 1 (e.g. F1)

**Note:** Accessory (switched) power is available from fuse box locations: **F1, F3, F5** etc. Please start engine, turn radio on, press CD button and test for engine noise prior to finalizing install.

#### Boot Fusebox - 22 way

Number	Rating	Purpose
<b>F1</b>	5A	Security and Locking Module - Reverse Lamp Feed
F2	10A	Exhaust Bypass Vac Valve Solenoid
<b>F3</b>	5A	Boot Fusebox Relays 1, 2 & 4 Coils - Ignition switched supply
F4	20A	Cylinders 7-12 Fuel Pump - Ignition switched supply
<b>F5</b>	5A	Airbag Control Module - Ignition switched supply
F6	5A	LH & RH Stop Lamps
F7	20A	Cylinders 1-6 Fuel Pump - Ignition switched supply
F8	5A	High Mounted Stop Lamp & Brake signal to PTECs, TCU & ABS
F9	-	Not Used
F10	10A	Security & Locking Module - Battery supply
<b>F11</b>	10A	Accessory Sockets - Fascia and boot
F12	-	Not Used
F13	-	Not Used
F14	-	Not Used
F15	10A	Rear Fog Lamps
F16	-	Not Used
F17	25A	Heated Rear Window
F18	30A	In-Car Entertainment - Power Amplifier
F19	5A	RH Tail Lamps, LH & RH Number Plate Lamps
F20	20A	Gearbox Hydraulic Pump
F21	5A	LH Tail Lamps, LH & RH Rear Side Markers
F22	10A	Exhaust Bypass Relay

**Fig. 7**

Secure module and proceed to next section

10. Connect installation harness 16-pin plug (See **Fig. 8**) to module 16-pin socket (See **Fig. 9**)  
Ensure plug locks (clicks) in place otherwise it may fall out.



**Fig. 8**  
16-pin plug



**Fig. 9**  
16-pin socket

## Optional USB extension cable installation

**Please note:** Because this module installs in luggage compartment; we highly recommend optional USB dash mount extension cable (6 ft.) to extend USB charging port (See **Fig. 15**) to inside vehicle cabin etc. **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. 13**)  
As an alternate; use the included bracket (See **Fig. 18**) to mount USB without drilling.



**Fig.13**

2. Fish USB cable terminal (See **Fig. 14**) through hole created in step 1 and plug into module USB port (See **Fig. 14**)



**Fig. 14**

6ft extension cable



**Fig. 15**

3. Snap header (See **Fig. 16**) to surface until flush (See **Fig. 17**)



**Fig. 16**



**Fig. 17**



**Fig. 18**

4. Secure module and proceed to pairing

## Pairing

Pairing process 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"  
From your Bluetooth enabled device, turn the Bluetooth ON and search for Bluetooth devices.
2. When a list of available Bluetooth devices appears on your Bluetooth device, select "DisCarSt" (See Fig. 19)
3. Confirmation "tone" is heard on car speakers.
4. 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"

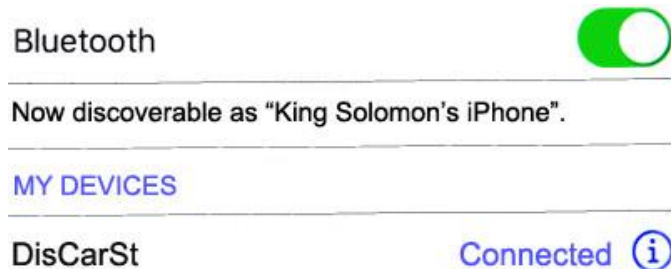


Fig. 19

**Note:** These steps are generally a one-time process as your Bluetooth device should connect automatically every time vehicle ignition is turned on.

## Steaming operation

1. Turn ignition and radio ON. (Module Red LED should glow)
2. Press the radio "CD" button.



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. Use included wireless remote or device built-in controls to change tracks, adjust device volume, pause etc. (See Fig. 20)



Fig. 20

8. To switch to the CD changer; tap remote **Pause/Play** button.
9. To switch back to streaming; tap remote **Pause/Play** button.  
If correct operation is confirmed go ahead and reinstall radio.



## Frequent ask questions & troubleshooting

1. **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.
2. **How do I listen to the CD changer?**  
In order to listen to CD's, tap PLAY/PAUSE on remote control or pause button on device touch screen.
3. **How is the audio quality from this module?**  
We were very satisfied with the audio quality delivered by this module and we think you will feel the same.
4. **Can I install the BTA-AMVI module at the radio?**  
NO; the BTA-AMVI module connects to CD auto changer plug in luggage compartment.
5. **What is the vehicle application and where does module connect?**  
The BTA-AMVI is exclusive to the following vehicles:  
2001-07 Aston Martin Vanquish with fully functioning CD auto changer
6. **Will I be able to make/receive phone calls using this module?**  
NO. The BTA-AMVI supports music streaming. **Purchase the BTH-AMVI instead**
7. **I hear clicking sounds as I use my device, how can I stop this?**  
Go to device settings and disable touch sounds.
8. **My module does not always pair when entering vehicle. What is the fix?**  
Ensure module has not already paired with another device. Cycle ignition or disable/enable Bluetooth on audio device.
9. **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 DISCARST, 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.
10. **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 radio volume up to comfortable level, then lower volume on device until it no longer distorts.

11. **Audio plays on only on one side of the car-plays, ~~does respond~~ radio "CD" button is not responding or has no power. What could be causing these issues?**

- Check that factory plug (See **Fig. 3**) is snug with the connector on our harness (Page 2-3).

- Inspect the pins in our connector (See **Fig. 4**).

The pins on the factory male plug over time/temperature changes may become rigid, no longer "flex" and develop a memory position" especially if it 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) See **Fig. 21** and flex (bend) the "U-shaped" pin holder tab upward or as seen in **Fig. 21**. Reconnect and if issue remain, flex a bit more.

**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 the flat pin holder tab and flex (bend) downwards as seen in **Fig. 21**

Adjusting the pin holders (up/down) allows for the pins to align pin on factory plug (which are rigid and no longer flexing)

This is a one-time adjustment that will not have to be repeated.





Fig. 21 ~~Only one plays does respond~~

12. **Will the Vanquish radio display song title, name or playlist?**  
**NO.** Song/track information not displayed on Vanquish radio screen. User must use audio device display and built-in controls buttons for music selection and display.
13. **Will I have to modify the factory wiring in any way to install this module?**  
**NO.** The module is plug-n-play to factory CD changer plug. The included add-a fuse circuit is also plug-n-play resulting in no modification to vehicle.
14. **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 if module has no power. Ensure power is reaching module by testing for 12V on accessory wire beyond Add-a-fuse" circuit crimping point or check fuse.
15. **With engine running, there is a high pitch squeal increasing with speed. Can you propose a possible solution?**  
 Alternator whine is a nuisance. Check that battery post and ground terminals are free or corrosion. If these check out, consider installing a [noise filter](#).
16. **Does the remote also control CD changer functions?**  
**NO.** The included remote is only able to control the select Bluetooth functions shown in **Fig. 20**
17. **How do I insert or change battery in the remote-control?**  
 Insert CR2025 battery to holder with label side up or as seen in **Fig. 22**



Fig. 22

18. **I'm experimenting annoying engine noise (alternator whine that increases with engine speed) Is there a fix for this?**

We recommend installing our in-line BT63-NF (See **Fig. 23**) noise filter. This plug-n-play noise filter fits between the radio harness and module. [Click here](#) to purchase.



Fig. 23

#### Disclaimer

- This product has no affiliation with Aston Martin
- We're not liable for misuse of this product.
- Professional installation recommended

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

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