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BTA-AMV 1

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

Created August 27, 2024

Revised: September 11, 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:

Functioning CD auto changer in trunk

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 and more directly into the audio system via the CD changer port. This module now supports Bluetooth 4.2 streaming over Bluetooth. **The required CD changer remains connected and operational.**

The A2D-AVMI **does not support hands-free calls.**

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



Fig. 1

2. Locate short cable pigtail at the rear of the CD changer, (It's the only cable on CD changer) See Fig. 2



Fig. 2

3. Disconnect CD changer pigtail from factory plug by pulling on the connectors (**do not twist**)



Fig. 3

CD changer plug/connector

4. Insert factory male plug (See Fig. 3) to harness female connector (See Fig. 3). Make this connection by aligning both arrow markings and push-inwards to connect (**avoid twisting**)



Fig. 4
module

Warning: The male right-angle plug does not have arrow marking. Connect by aligning imaginary mark shown in Fig. 5 with mark on the CD changer connector (See Fig. 3). Ignoring this warning could result in damage to both plug and connector.



Fig. 5

5. Use included add-a-fuse circuit to tap accessory supply from fuse box (see Fig 6)

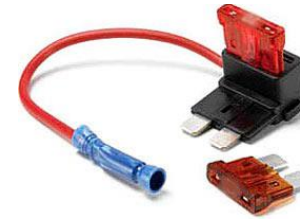


Fig. 6

8. Insert red wire from module to Add-a fuse circuit (See Fig. 6) blue butt connector and use crimp with crimping tool/plyers.
9. Slightly pull red wire to ensure crimp integrity.
10. Remove fuse (e.g., F1) from fuse box
11. Insert fuse removed from F1 to add-a fuse open slot
12. Insert add-a-fuse circuit to fuse box vacant slot (e.g. F1) slot.

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.

13. Connect installation harness 16-pin plug (See Fig. 7) to module 16-pin socket (See Fig. 8)

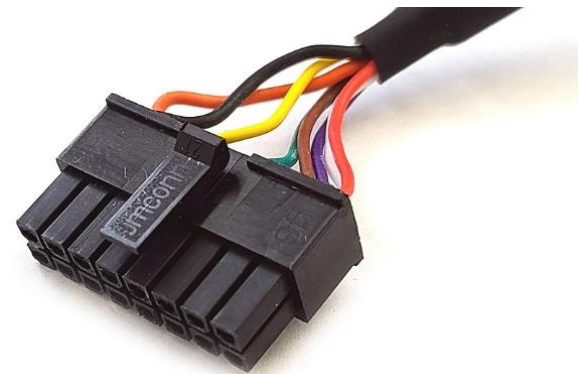


Fig. 7
16-pin plug



Fig. 8
16-pin socket

USB charger

The integrated USB port (See **Fig. 9**) provides 5V/2A charging. Simply connect your devices charging cable directly to USB port or for a custom install; purchase optional dash mount USB extension cable seen in **Fig. 10** and available [here](#).

The USB port is for charging only.



Fig. 9



Fig. 10
optional dash mount extension cable

ELECTRICAL Fuseboxes

V12 Vanquish

Fuse Listings (continued)

Boot Fusebox - 22 way

Number	Rating	Purpose
F1	5A	Ign Switched - Security and Locking Module (Reverse Lamp Feed)
F2	5A	Ign Switched - Exhaust Bypass Vac. Valve Solenoid
F3	5A	Ign Switched - Boot Fusebox Relays 1, 2 & 4 Coils, Telephone, Tyre Pressure Monitor
F4	20A	Ign Switched - Cylinders 7-12 Fuel Pump
F5	5A	Ign Switched - OBDII Diagnostic Connector
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	5A	Radio Telephone
F10	10A	Security & Locking Module - Battery supply
F11	10A	Aux Switched - Accessory Sockets - Fascia and boot
F12	-	Not Used
F13	5A	Aux Switched Telephone
F14	-	Not Used
F15	10A	Rear Fog Lamps
F16	-	Not Used
F17	25A	Heated Rear Window
F18	30A	In-Car Entertainment - Power Amplifier Battery +ve
F19	5A	RH Tail Lamps, LH & RH Number Plate Lamps
F20	30A	Gearbox Hydraulic Pump
F21	5A	LH Tail Lamps, LH & RH Rear Side Markers
F22	-	Not Used

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"
2. On A2DP device: **Go to *Settings, Wireless & Networks/Bluetooth Settings***
3. Select *Bluetooth* and turn on.
4. Go to Bluetooth settings
5. Tap Scan (*Search*) for devices.
6. Wait for device name (see **Fig. 11**) to appear then tap to select.

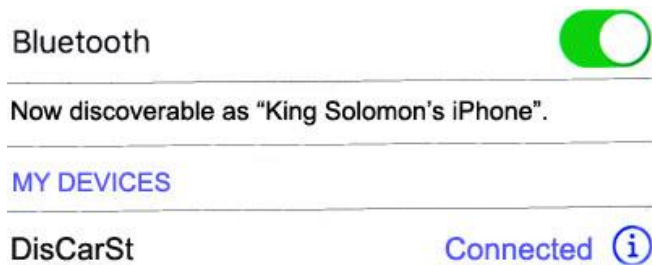


Fig. 11

Operation

1. Turn ignition to key accessory or ON position
2. Turn radio ON.
3. Press "**CD**" button on radio
4. Radio display should enter "CD" mode



3. Launch audio device streaming application.
4. Set audio device volume to 80%-- adjust as needed based on playback quality (reduce if sound is distorted).
5. Use remote control to change tracks, pause or adjust volume (See **Fig. 12**)
6. To listen to separate CD/TAPE or CD changer, press **Pause/Play** on remote control.
7. To switch back to streaming, press **Pause/Play** button on remote control



Fig. 12

8. If correct operation is confirmed go ahead and reinstall radio.

Frequent ask questions & troubleshooting

- 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.
- How do I listen to the CD changer?**
In order to listen to CD's, disable Bluetooth on audio device.
- How is the audio quality from this module?**
Without starting a debate, the answer is limited to your own experience. Sound quality will vary among vehicles especially if speakers have also been updated.
- Can I install the BTA-AMVI module at the radio?**
NO; the BTA-AMVI module connects to CD changer plug in trunk.
- 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 changer
- Will I be able to make/receive phone calls using this module?**
NO. The BTA-AMVI supports music streaming. **Not for hands-free calls**
- 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?**
Ensure module has not already paired with another device. Cycle ignition 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 DISCARST, then tap Name
Enter a new name (e.g. Aston Martin-BT etc.) tap Done on keyboard, then tap
The custom name given now appears in Bluetooth settings of your device.
- 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.

- 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.
- 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.

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

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