



A2D-VOL

QUICK START INSTALLATION GUIDE FOR SELECT 1984-04 VOLVO

Created March1, 2017

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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:

RADIO WITH CD CHANGER CONTROLS

Introduction

Many Volvo owners looking to stream music via Bluetooth without changing the look and feel of dashboard components will be pleased to find the A2D-VOL. This adapter features **Bluetooth music streaming** for any Smartphone, Tablet, Kindle, Laptop etc. with A2DP profile. The adapter connects radio 8-pin CD changer port which guarantees the best quality sound on the car speakers. **Keep the radio and car you love** while enjoying Bluetooth features only available on newer cars.

Note: The A2D-VOL replaces external CD changer (if present).

For more see Frequent Asked question at the end of this guide.

Installation

Radio removal required to install module. (Applies to Volvo "SC", "CT" "CR" changer controlling radios)

Warning: Although not critical, we recommend disconnecting battery. Keep in mind, most Volvo radios are coded and will not operate without code. Radio code must be available for radio to operate upon reconnection

1. To remove push in on release tabs at bottom left & right of radio as seen in **Fig. 1**



Fig. 1

1. Pull on both ring tabs as seen in **Fig. 2**



Fig. 2

2. Connect module 8-pin plug (See **Fig. 3**) to radio 8-pin "CD" port (See. **Fig. 4**). *Factory CD changer (if present) must be disconnected.*



Fig. 3



Fig. 4
8-pin "CD" port

10. Tap/splice installation harness yellow wire (Battery) to one of two **GREEN/BROWN** wires on "SC" radio harness (See **Fig. 5**)
'CR" radios use **GREEN/RED** @ pin 9
(see how to use T-Tap on page 7).

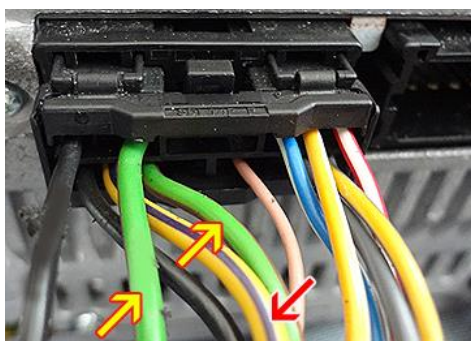


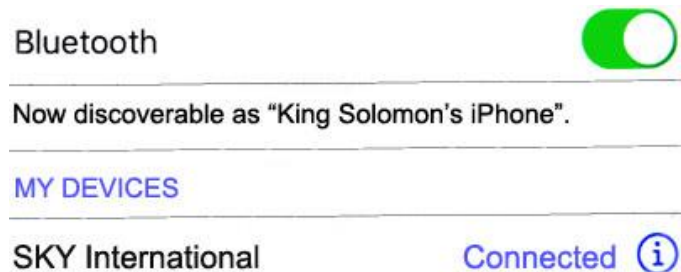
Fig. 5
"SC" radio harness

11. Proceed to next section.

Pairing

Pairing 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"
LED inside peephole will flash (pairing mode)
2. On A2DP device: go to **Settings, Wireless & Networks, Bluetooth Settings**
3. Select **Bluetooth** and turn on, select Bluetooth settings
4. Tap **Scan for devices**.
5. Wait for Bluetooth device name (See below) to appear and select it.
Once paired, LED inside peephole remains steady and confirmation tone is heard on car speakers



Multi-device pairing

The A2D-VOL connects to one device at a time. You must disconnect first device before pairing a second, or simply disable Bluetooth on first device.

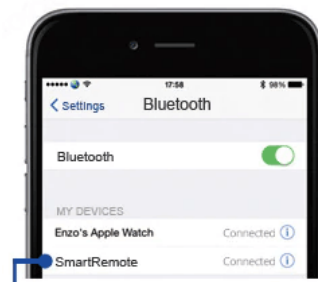
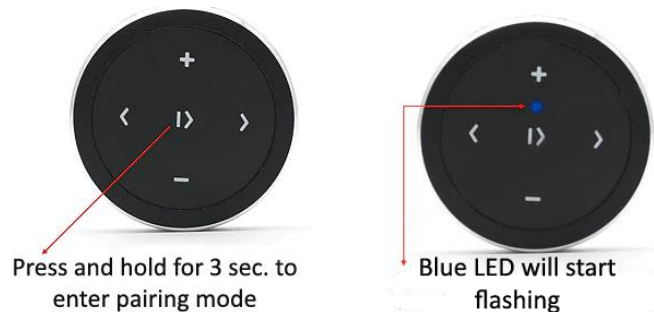
Optional remote

Purchase option Bluetooth wireless remote control to control music apps while keeping eyes on the road.

Optional remote control allows users to:

1. Control music wirelessly
2. Activate Phone commands (Siri, Google play etc.)
3. Track up/down
4. Volume up/down

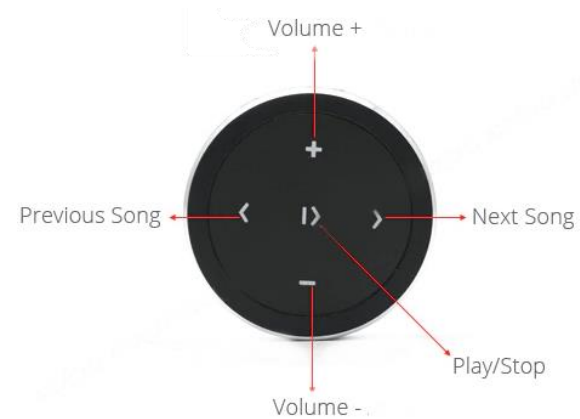
Pairing:



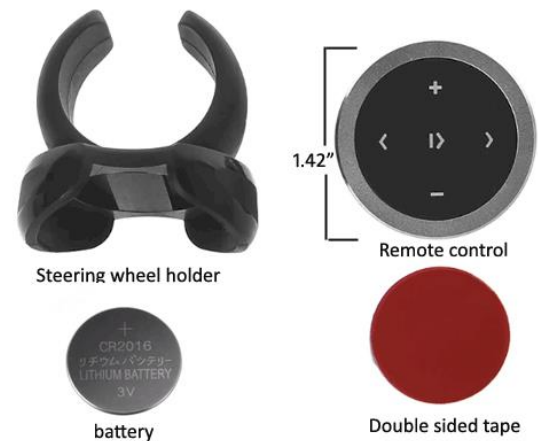
Select smart remote to pair

Operation:

Use wireless remote to perform the following functions on any iOS7.0 and higher or Android 4.4 and higher.



Contents:



Operation

1. Turn ignition and radio "ON"
2. Enter radio code if required.
3. Press **CD**, **CH6** or **CHGR** button on radio.
Note: If radio does not switch to CD changer mode, check voltage on yellow wire – See FAQ #6.
4. Launch Smartphone or tablet Audio streaming application
5. Use radio volume control button to set playback level.
6. Make certain audio device volume is set to 80% or more. Turn volume on radio to a comfortable listening level. If distorted, lower volume on device until playback is distortion free.
7. If correct operation is confirmed go ahead and reinstall radio.

Warning: Playlist, Track selection, display name/number are *NOT* possible from radio. Use audio device built-in controls or optional wireless remote to access and control audio files and applications.

Frequent ask questions & troubleshooting

1. **What's the difference between A2D-VOL and A2DIY-VOL?**
The A2D-VOL support music streaming only. A2DIY-VOL supports music streaming and Hands-Free calls
2. **Does the A2D-VOL work on all Volvo radios?**
NO; works on select Volvo "**SC**", "**CT**" and "**CR**" changer controlling radios. CD changer (if present) must be disconnected. 4-CD changer built-into Volvo radio (e.g. SC-90I) remains functional.
3. **Is there a Bluetooth adapter for radios without changer controls?**
YES; Purchase our [ISFM23](#) or [ISFM235I](#).
4. **Can I control smartphone from radio buttons?**
NO; use **smartphone built-in controls and display to operate device**. Or optional [wireless remote](#). Use radio volume button to set the playback level.
5. **Can I pair or save more than one device to the A2D-VOL?**
YES; more than one device (slaves) can be paired however only one connection can be active at a time. To pair a second device, you must disconnect first device.
6. **My radio does not enter CD changer mode. What can I do to fix this?**
Check voltage at yellow wire. If voltage is missing, ensure **yellow wire is properly crimped to vehicles battery supply** (Go to step 10 of this installation guide.
7. **With engine running there is a high pitch squeal that increases with engine speed. What can be done to remedy this?**
If you experience alternator whine (increases with engine speed), we recommend installing a noise filter (**e.g.** [NF3A](#)) or similar.

Scotchlok™ 567

Self-Stripping Electrical Tap Connectors



Data Sheet

Application

Use 3M™ Scotchlok™ Tap Connector 567 to electrically connect a (tap) wire end to a through (run) wire and insulate the connection.

Wire Range

(Tap) 18-14 AWG (.75-1.5 mm²):

(Run) 12-10 AWG (4.0 mm²)

Solid or stranded copper conductors. For use with common thermoplastic insulated wires such as: T, TF, TFF, TFN, TFFN, AWM, TEW, SAE-GPT with a maximum insulation diameter of (tap) .145 inches (3.5 mm) run .190 inches (4.8 mm).

Maximum recommended current for general purpose applications:

18 AWG - 7 AMPS, 16 AWG - 10 AMPS,

14 AWG-15 AMPS, 12 AWG-20 AMPS,

10 AWG-25 AMPS.

Construction

U-contact - Tin plated brass, .03 in. (.8 mm) thick

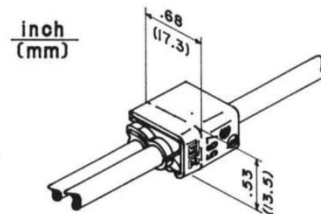
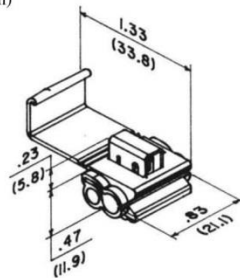
Insulator - Polypropylene

Color - brown

UL 94-V-2

Weight

.0067 lb. (3.0 gm)



Recommended Installation Tools

9" Linemans Pliers

3M™ Crimping Tool No. E-9BM

Installation Instructions

WARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

1. Place unstripped run wire inside run channel.
2. Insert unstripped tap wire completely and check it's position in the inspection port.
3. Hold tool perpendicular to the wires and make the connection by driving the u-contact down flush with the top of the plastic insulator.
4. Close hinged top cover until latched.

Regulatory Agencies

UL Listed - Tested per UL Standard 486C

UL file No. E23438

CSA certified - CSA Std. C22.2 No. 0. 188-M1983

CSA File No. LR15503, LR32411

(Voltage rated at 600 volts maximum, building wire:

1000 volts maximum, signs, fixtures and luminaires.

Operating Temperature: 105°C.)

Disclaimer

- This product has no affiliation with Volvo.
- We're not liable for misuse of this product.
- We recommend professional installation.

For additional help email support@discountcarstereo.com

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