

VOLVO



BT3-VOL

QUICK START BLUETOOTH INSTALLATION GUIDE FOR 1984-04 VOLVO CHANGER CONTROLLING RADIOS

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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", "CHGR" or "CHG" button on faceplate

Introduction

Many Volvo owners are adamant about keeping car audio system as stock possible, will be thrilled with the BT3-VOL (formerly A2DIY-VOL) kit which adds modern Bluetooth features without changing the look and feel of dashboard components. The BT3-VOL features **Bluetooth Hands-Free, music streaming and charging** for any Smartphone with A2DP and HFP support and allows users to track up/down, pause, increase and decrease volume, answer/end calls and more using the radio buttons and/or steering wheel controls. The BT3-VOL music streaming solution is applicable to select 1984-00 Volvo radios with "CD" "CHG" or "CD-6" button on faceplate and 8-pin CD port (See Fig. 4). A direct connection guarantees the best possible sound on car speakers and replaces Volvo remote CD changer (if present).

Note: The CD changer built-into some radios (e.g. SC-901 etc.) remains functional.

For more details, see Frequently Asked question at the end of this guide.

Installation

1. Remove radio by pressing both left/right spring-loaded release tabs as seen in Fig. 1



Fig. 1

2. Use fingers to pull on release tabs so to release radio from the dash as seen in Fig. 2



Fig. 2

3. Connect installation harness 8-pin plug (See Fig. 3/7) to "CD" port (See. Fig. 4).

Note: Ensure plug is fully inserted otherwise radio may not detect module.



Fig. 3

Installation harness



Fig. 4

Radio's 8-pin changer port

4. Secure microphone to headliner or visor using included clip (See **Fig. 5**)
5. Route microphone cable (10 ft. long) down side pillar, under steering column and into radio cavity.
6. Connect microphone right angle plug to module "MIC" input. (See **Fig. 6**)
Wind noise will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.



Visor microphone

Fig. 5



Fig. 6

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



Fig. 7



Fig. 8

8. Tap install harness YELLOW wire (See **Fig.7**) to 12V battery (un-switched) supply. **e.g. GREEN/BROWN** wire on radio harness (See **Fig. 9**)

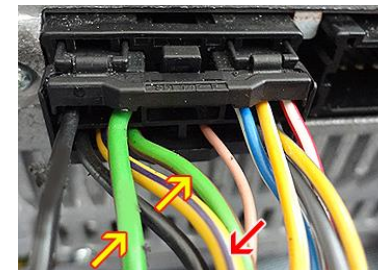


Fig. 9

Optional USB extension cable installation

Note: 1. Optional 6 ft. USB dash mount extension cable is not required for operation, however it extends USB charging port (See **Fig. 12**) to dashboard, glovebox etc.

2. **The USB port supports charging only**

1. Drill a $\frac{3}{4}$ " hole to dash or panel using a step drill bit or equivalent (See **Fig. 10**)



Fig. 10

2. Fish USB cable terminal (See **Fig. 11**) through hole created in step 1 and plug into USB port on module (See **Fig. 12**)



Fig. 11
USB cable



Fig. 12

3. Snap header (See **Fig. 13**) to surface until flush (See **Fig. 14**)



Fig. 13



Fig. 14

Tuck and secure any extra wires from moving parts and proceed to next step

Pairing module

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 (through peephole) will flash Red (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 Fig. 15) to appear and select it.

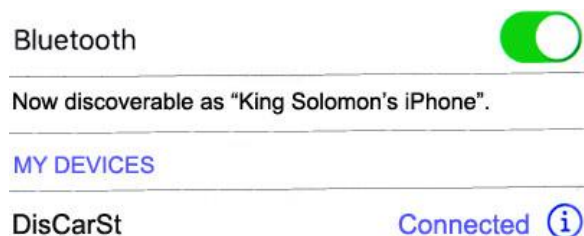


Fig. 15

Volvo adapter comparison chart

Feature	VOL-AUX	A2D-VOL	A2DIY-VOL	BT3-VOL
CD changer retention	X	X	X	X
AUX input	✓	X	X	X
Charging	X	X	**	✓
Muting	X	*	*	*
Hands-Free calls	X	X	✓	✓
Music streaming profile	X	✓	✓	✓
Call number announcement	X	✓	X	X
Remote control	X	**	✓	X
Multi-device pairing	X	✓	✓	✓
Controls from radio buttons	X	X	X	✓

* When radio is in CD changer (Bluetooth Mode)

** Optional

Bluetooth operation:

1. Turn ignition to ACC and radio "ON"
2. Press the "CD" CHG" or "CHGR" button to enter "Bluetooth" mode



Fig. 16

3. Launch smartphone music streaming application
4. **To skip tracks:** Press the "SEEK UP" or "SEEK DOWN" buttons on radio or steering wheel (See Fig.16)



Fig. 16

5. Place test phone call or ask someone to call.
Note: Ensure radio is in "CD changer" mode
6. To accept, press "SEEK DOWN" on radio or steering wheel (See Fig. 17)
7. To reject, press "SEEK UP" on radio or steering wheel (See Fig. 17)



Fig. 17

8. Adjust call volume with radio VOL knob or steering wheel control.
9. If correct operation is confirmed go ahead and reinstall radio.

Warning: Playlist, Artist, caller ID etc. is *NOT* displayed on Volvo radio

Notes:

Adding additional load to electrical system in older vehicles can result in alternator whine or similar noise. We recommend purchasing and installing this [noise filter](#)

Frequent ask questions & troubleshooting

1. **What's the difference between BT3-VOL and BT6-VOL?**
In addition to Bluetooth hands-free, music streaming, charging; the BT6-VOL support AUX input and media card.
2. **Does the BT3-VOL work on all Volvo radios?**
NO; works only on Volvo "SC" and select "CT" radios with CD changer controls. **(non-changer controlling radios are not supported)**
3. **Can I control Smartphone from radio buttons?**
YES; **use radio seek buttons to change tracks and to accept/reject phone call.**
4. **Can I pair or save more than one device to the BT3-VOL?**
YES; supports more than one device, but only pair to one device at a time.
5. **What happens if I receive a call while streaming?**
Streaming will mute, press SEEK button to accept call. To end call press, SEEK button. Streaming resumes.
6. **Can I connect module to the CD changer plug in trunk/hatch?**
NO; Trunk/hatch location is not ideal for connecting this Hands-free kit.
7. **Pressing "CD", "CHGR" button does not switch radio to Bluetooth mode. What can I do to resolve?**
If the battery is ever disconnected; you will need to disconnect 8-pin module plug from radio for 2-3 seconds. Doing so will re-initialize module after which the "CD" "CHGR" button should function.
7. **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. 18**) noise filter. This plug-n-play noise filter fits between the radio harness and module. [Click here](#) to purchase.



Fig. 18

Disclaimer

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

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