



iP-VOL

APPLE 30-PIN ADAPTER INSTALLATION GUIDE FOR SELECT VOLVO

Created March, 2015
Revised: August 19, 2022

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:

Factory radio with "CD", "CHG" button on faceplate

Introduction:

Many Volvo Owners with older SC, CT & CR changer controlling radios are having a difficult time finding an easy and effective way of connecting and listening to Apple iPod devices in their cars. Many are turned away, offered an FM Modulator recommend replacing the radio, but if none of those options pique your interest, we offer the iP-VOLV. The iP-VOLV works in **1984-04** Volvo SC, CR and CT changer controlling radios and the only requirement is disconnect the **external CD changer*** (if present), but with the storage capacity of iPod devices, sacrificing the CD changer should be an easy decision.

Installation:

Radio must be pulled from the dash to connect the adapter.

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

1. To remove "SC" radio, push in on the release tabs at the bottom Left/Right of radio as seen in **Fig. 1**



Fig. 1

2. Once the tabs come out, place index fingers inside release tab ring and pull outward as seen in **Fig. 2**



Fig. 2

3. Connect the 8-pin plug (See **Fig. 3**) from adapter harness to the "CD" changer port on radio (See **Fig. 4**).
Factory CD changer (if present) must be disconnected.



Fig. 3



Fig. 4

Radio's 8-pin changer port

4. Tap yellow wire (See **Fig. 3**) to either **Green/Brown** wire on radio harness (See **Fig. 5**)

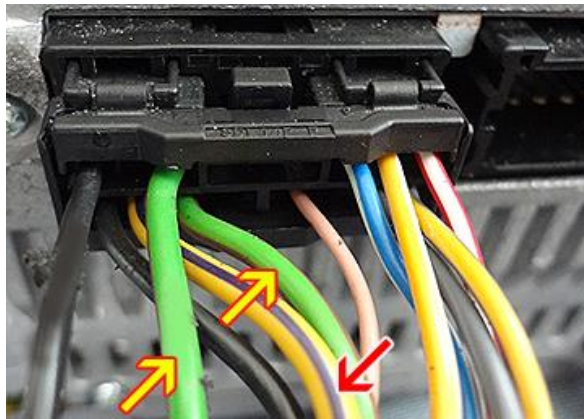


Fig. 5

Radio 14-pin plug

5. Connect 8-pin iPod cable end to Module 8-pin socket (See **Fig. 6**)



Fig. 6

8-pin socket

6. Route 30-pin dock connector end (See **Fig. 7**) to front of the dash or location where iPod will reside (within 6 ft.)



Fig. 7

Apple 30-pin dock connector

Optional:

Want to play a Bluetooth device through the adapter? Purchase our [A2D-DOCK](#) (See **Fig. 11**) and stream music from any Bluetooth enabled device including Smartphone, Kindle, Tablet, Laptop etc. Just plug this device to the 3D-pin dock connector, pair A2DP device and enjoy!!



Fig. 11

Operation:

Reconnect battery and enter radio code

1. Turn the radio "ON"
2. Press the "CHGR" button to enter CD changer mode
3. Connect your Apple device to dock connector
4. Apple device should begin charging
5. Play test track. Track will play on car speakers.
6. Use radio volume control button to set the playback level.

Warning! Playlist and Track selection is *NOT* possible from the GM radio. You must use the audio devices built-in controls to access audio files.

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

Frequently ask questions and troubleshooting

1. Does the IP-VOL work all Volvo radios

NO; the iP-VOL works only on Volvo SC, CT and CR changer controlling radios. Radio model numbers are printed on radio face.



2. Can I use the radio buttons to control the Apple device

NO; Use Apple device built-in controls to navigate and access music.

3. Can I use the radio buttons to navigate the Apple device menu

NO; this adapter is not capable of browsing apple menus (i.e., Search by Artist, Song, and Playlist etc.). You must use the Apple device built-in controls to navigate its menus.

4. I'm getting alternator whine on the car speaker which was not present prior to installing this adapter. What can be done to fix?

In most cases this can be fixed by installing a noise filter. The NF5A is a 5A noise filter is available [here](#).

* External or remote CD changer refers to optional changer installed under seat, hatch, trunk etc. (CD changer built-into the head unit remains functional)

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