Bluetooth 4.2

USB
USB Flash

BT6-VOLHU

QUICK START BLUETOOTH MEDIA INSTALL GUIDE FOR SELECT 2001-07 VOLVO HU 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:
VOLVO HU- CD CHANGER CONTROLLING RADIOS

Introduction

They are literally thousands of older Volvo vehicles on the road today with the original radio in place, but unfortunately lack support for many modern media formats many would love to have in their cars. Upgrading these radios to support Bluetooth is a great way to bridge the gap. The BT6-VOLHU smart media module does not only supports Hands-free calls, streaming, but also MP3, WMA, FLAC, ACC, WAV, AIF, IFC files stored on a USB card etc. AUX input and charging. In addition, music files are controlled from the phone or with the 'Next' and 'Previous' buttons of your car radio.

Installation could not be simpler and only requires connecting module to the 8-pin CD changer socket on the back of the radio, pairing Bluetooth device and be on your way to enjoying music, navigation, audio books and other important applications from smartphone on the car system! Because this module uses the "CD" port, factory CD changer (if present) must be disconnected.

Installation

To install, user must gain access to the back of the radio.

1. Remove the cover panel in front of the gear selector lever by prizing it away with a plastic weatherstrip tool as illustrated in **Fig. 1**
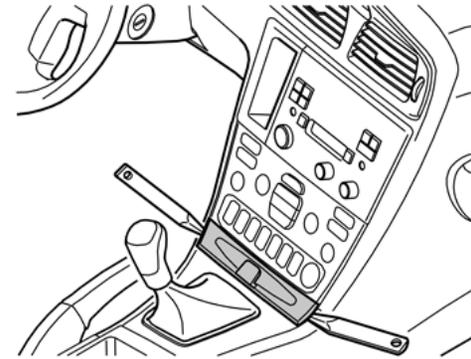

Fig. 1

2. Move the gear selector lever as far back as possible.
3. Using a plastic weatherstrip tool; carefully prize away the gear selector lever cover panel together with the boot until the two clips release. Pull the panel up until the four clips at the sides release. (See **Fig. 2**)
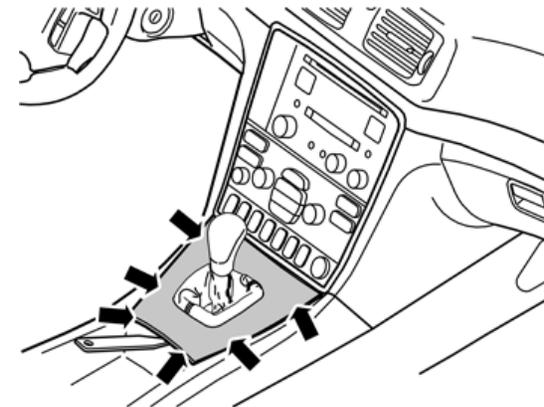

Fig. 2

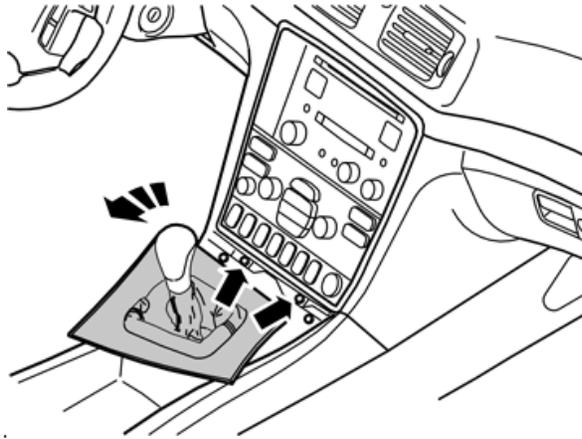4. Rotate the panel to the left for better access (See **Fig. 3**)

Fig. 3

5. Remove the (2) screws (Torx 25) holding the bracket with the radio and dashboard and climate control panel in the center console (See **Fig. 4**)

Fig 4

6. Angle the climate controls panel outwards so that it is possible to insert a couple of fingers between the center console and the short side of the climate control panel.

7. Pull the climate control panel downward maintaining the same angle and remove the climate control panel. The panel is well secured, so some force is required to detach the panel. (See **Fig. 5**)
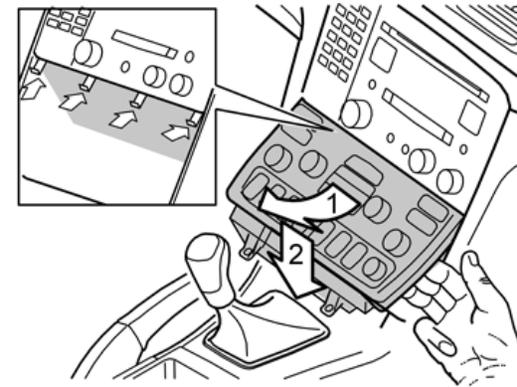

Fig. 5

8. Unplug the connectors on the reverse of the climate control panel and place it to one side.

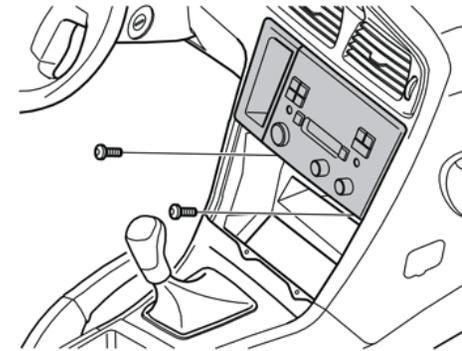9. Remove (2) screws (Torx 25) from radio bracket. See **Fig.6**

Fig. 6.

10. Pull the radio bracket outwards at the lower edge, and pull the whole unit downwards.

11. Pull radio forward to gain access to the connectors

12. Tap **RED** wire from installation harness (See **Fig. 8**) to (thick) **RED** wire on factory radio green plug (See **Fig. 7)**
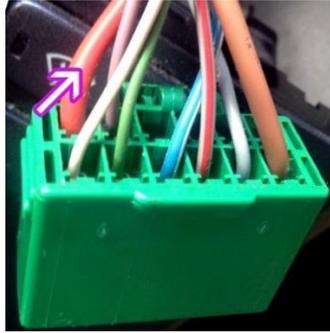
Fig. 7

Fig. 8

13. Connect 8-pin plug from installation harness (See **Fig. 8**) to radio 8-pin "CD" port. (See **Fig. 9**)

Note!
If vehicle has a remote CD changer, it will need to be **disconnected** and will no longer function
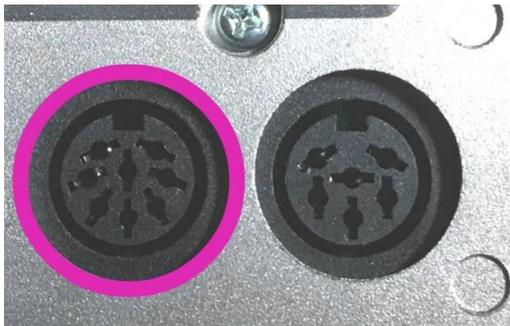

Fig. 9

14. Secure microphone to headliner or visor using included clip (See **Fig. 10**)
15. Route microphone cable (10 ft. long) down side pillar, under steering column and into radio cavity,
16. Connect microphone plug to module "MIC" input. (See **Fig. 11**)
Wind noise will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.
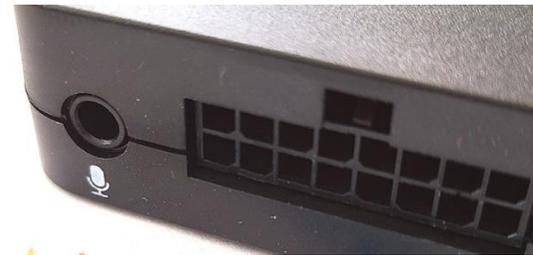

Visor microphone
Fig. 10

Fig. 11

17. Connect installation harness 16-pin plug (See **Fig. 12**) to module 16-pin connector (See **Fig. 11**)
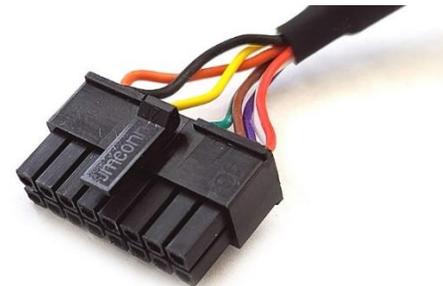

Fig, 12

Optional USB extension cable

Note: The module includes (2) USB ports. (See **Fig. 15**) One for charging (left), the other for media playback/software upgraded (right). Extension cable is not required for operation because users may connect their own charging cable/media memory card directly to the module; however, the optional dash mount extension cable (See **Fig. 14**) is able to extend the module USB ports from behind the dash to glove box, armrest etc. Extension cable available here

1. Drill a ¾" hole to dash or panel using a step drill bit or equivalent (See **Fig. 13**)

Fig. 13

2. Fish USB cable terminal (See Fig. **14)** through hole created in step 1 and plug into module USB port of choice (charging or media) (See **Fig. 15**)

Fig. 14
USB cable

Fig. 15
ports

3. Snap header (See **Fig. 16**) to surface until flush (See **Fig.17**) or use includes surface mount (**Fig. 18**) without drilling.

Fig. 16

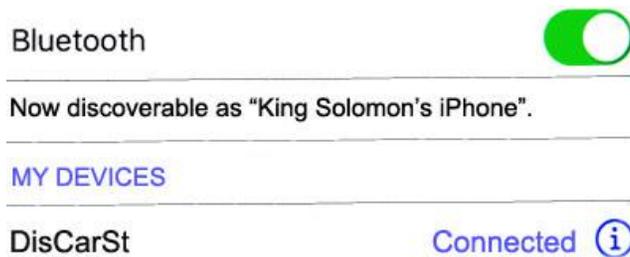

Fig. 17

Fig. 18

Tuck and secure any extra wire from moving parts and test operation

Bluetooth 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. From your Bluetooth enabled device, turn the Bluetooth ON and search for Bluetooth devices.
3. When a list of available Bluetooth devices appears on your Bluetooth device, select "DisCarSt" (See image below)
4. Confirmation "tone" is heard on car speakers.
5. 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"

Bluetooth   🟢

Now discoverable as "King Solomon's iPhone".

MY DEVICES

DisCarSt   Connected ⓘ

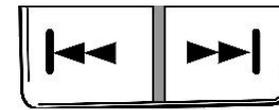Note: Supports multiple phones but connect to one phone at a time.

Bluetooth operation

1. Press **Power/Volume** button to switch radio on
2. Turn **SOURCE** knob and select **CD-CHRG** mode (See **Fig. 18**)

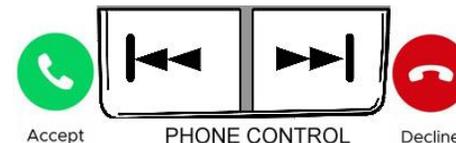FM AM TAPE CD   CD-CHGR

CD01 TRK09

Fig.18

3. Launch streaming application on smartphone device
4. Set device volume to at least 90%-- adjust as needed based on playback quality (reduce if distorted). Use radio volume knob to set playback level.
5. Tap the **SKIP** directional buttons for track control (**NEXT/PREVIOUS**) as seen in **Fig. 19**

|◄◄   ►►|

TRACK CONTROL
Fig. 19

6. Place test phone call or ask someone to call.
   Note: Ensure radio is in "CD-CHGR" mode
7. To accept call, tap "**PREVIOUS TRACK**" (See **Fig. 20**)
8. To reject/end call, tap "**NEXT TRACK**" (See **Fig. 20)**

📞 |◄◄   ►►| 📞

Accept   PHONE CONTROL   Decline
Fig. 20

Flash media

The BT6-VOLHU also supports Flash media playback.
All media must be formatted to FAT16 or FAT32 after which you may save music files (MP3, WMA, FLAC, ACC etc.) to designated folders as explained next.

Folder (Album) creation:

Volvo radios with 1-20/DISC button support up to 20 Folders (Albums)
Volvo radios with 6-preset buttons (e.g. HU-650, HU-850) support up to 6 folders (Albums)
Each folder may contain unlimited number of tracks. After track 99, the radio display will switch back to 01 (e.g. Track 100 is 01 etc.)
Albums are displayed as "CD" (e.g. CD01, CD02 etc.)
CD10 displays as "CD" and CD11 displays as "CD01"

Flash media operation

When flash drive is connected for the first time; the module reads all available folders.

1. Push **Power/Volume** knob to turn the radio "ON"
2. Turn **SOURCE** button to select **CD-CHGR** mode
3. Connect flash drive (sold separately) to module USB port or extension cable port (if applicable) See**. 19**)

Fig. 19

4. After initial connection, (**CD01 1 track 1**) will begin playing otherwise playback will continue from last memory position

5. **Track Up/Down**
   Tap the right SEEK button for next selection in folder. Press the left SEEK bottom for the previous selection in folder See **Fig. 20**
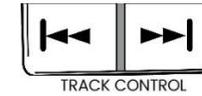

TRACK CONTROL
Fig. 20

6. **Forward/Rewind**
   Tap and hold **FF** (Forward) to forward currently played track until **FF** button **is** released. (See **Fig. 21**) The **RW** (Reverse) button works in a similar manner to rewind currently played track. Tap/release the **FF** or **RW** button forwards or rewind currently played track by approximately 3 seconds.
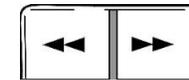

Fig. 21

Alert: Volvo radios (e.g. HU-450/650/850 etc.) have only one set of directional buttons (See **Fig. 20**) In which case the button must be held down to FF/FW and tapped briefly for track controls (Next/Previous)

8. **Album (Folder) Selection**
   Turn the 1-20/DISC knob (See **Fig. 22**). Folder number (Album) and track are shown in the display. (See **Fig. 18**)
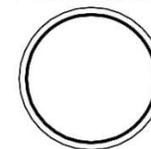

1-20/DISC
PUSH MEM
Fig. 22

Note: Volvo radios without a 1-20/DISC knob (e.g. HU-450/650/850 etc.) select folder (Album) by turning the **PRESET/CD** knob (HU-450) or using buttons 1 - 6 (HU-650/850). The disc and track numbers are shown on radio display (See **Fig. 18**)

Flash media requirements and functions

1. **Formatting**
   Before loading files/folders we recommend formatting flash drive etc. to **FAT16 or FAT32** after which you may then save music files (MP3, WMA, FLAC, ACC etc.) to designated folders as explained next.

2. **Folder naming: (This is important)**
   Volvo radios with 1-20/DISC button support up to 20 Folders (Albums)

3. Volvo radios with 6-preset buttons (e.g. HU-650, HU-850) support up to 6 folders (Albums)

4. Each folder may contain unlimited number of tracks. After track 99, the radio display will switch back to 01 (e.g. Track 100 is 01 etc.)

5. Albums are displayed as "CD" (e.g. CD01, CD02 etc.)
   CD10 displays as "CD" and CD11 displays as "CD01"

6. When flash drive is connected for the first time; the radio loads all available folders.

7. Supports MP3 and WMA compression up to 320Kbps
   -MP3/WMA files over 320Kbps may not be recognized or played.

8. Not compatible with some new generation high-speed USB sticks.
   -Recommended disk size: **16GB**

9. Subfolders are not supported

10. Streaming does not support last memory position

11. We highly suggest formatting USB stick/card on windows PC

12. Saving files (over 50MB) in any folder may cause intermittent operation

13. Playback order is based on how files were created

14. When last track in any given folder has finished playing, the first track in same folder will play automatically.

15. If track up or track down button is pressed quickly in repetition, track number displayed may change erratically.

16. If radio enters CDC mode but nothing plays, please check/change USB stick and cycle ignition

AUX playback

The BT6-VOLHU includes an AUX input jack/cable. Use to connect and play any wired audio device including MP3 players, iPods, car play, etc.
Connect the included male-male aux cable to the module AUX input jack (See **Fig. 23**) and to audio device to the other end. To listen to AUX device; disconnect USB memory card and pause streaming application.

Fig. 23

Frequent ask questions & troubleshooting

1. **My vehicle has a CD changer. Will it still work?**
   NO; Any remote CD changer, Aux or iPod adapter **must be disconnected and will no longer function.**

2. **Will I be able to control flash drive files from Volvo radio buttons?**
   YES; Use familiar radio CD changer control or steering wheel buttons to select and play MP3/VWA files on flash drive.

3. **Can I pair or save more than one device to the BT6-VOLHU?**
   YES; more than one device (slaves) can be paired however only one connection can be active at a time.

4. **How do I switch from streaming to USB?**
   Connects flash drive to USB port or if already connected, Pause streaming.

5. **Can I use BT6-VOLHU to make/receive phone calls?**
   YES; The BT6-VOLHU supports Hands-free profile (HPF).

6. **I have various folders (Albums) but only one folder works, what should I do?**
   This is likely because of improper folder (album) structure on flash drive. Please check flash drive or folder structure or size (See notes/cautions in previous section)

7. **When streaming, will I be alerted of incoming calls?**
   YES. Handset ringtone will play as usual, call number announcement * on car speakers. To accept call, press "PREVIIOUS TRACK" on radio or steering wheel and "NEXT TRACK" to end.

8. **Will incoming call ring on car speakers when listening to AM/FM, TAPE or CD?**
   NO. Phone will not ring on car speakers when in these radio modes. Radio must be in CD-CHGR changer (Bluetooth) mode for calls to ring on the car speakers.

9. **When streaming, listening to a USB file or AUX; will I be alerted of incoming calls?**
   YES. Phone will ring/ call number announced on car speakers. Answer call by pressing the SEEK DOWN button on radio, Audio playback resumes upon ending call.

10. **How do I listen to AUX device.**
    To switch to AUX, ensure Flash drive port is empty and streaming is paused.

11. **I'm experimenting annoying engine noise (alternator whine that increases with engine speed) Is there a fix for this?**
    Before anything, ensure battery terminals are clean, otherwise try finding a different power source for the power wire. If alternator whine is still present, we recommend installing our in-line BT63-NF (See **Fig. 24)** noise filter. This plug-n-play noise filter fits between the radio harness and module. Click here to purchase.
    Alert: If the noise is not from a power source, this filter will not be of help.

Fig. 24

Disclaimer
▪ This product has no affiliation with Volvo.
▪ We're not liable for misuse of this product.
▪We recommend professional installation.
Email support@discountcarstereo.com