



BTH-C5CD

QUICK START INSTALLATION GUIDE TO SELECT 1997-04 CORVETTE WITH 12-DISC CD CHANGER

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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.

Click [here](#) if installing older push button version

Requirement

FULLY FUNCTIONING 12 DISC CHANGER IN TRUNK OR HATCH

Introduction: Updated version

If looking to add Bluetooth features to your American classic **with trunk/hatch mounted 12-disc changer** you should consider the BTH-C5CD kit (**formerly A2DIY-C5CD**) kit. This revised easy to install kit is essential for Bluetooth in any C5 with fully functioning CD changer. (**Will not work if changer malfunctions**). This module sounds great for mobile conversations, streaming Pandora, Sirius radio, Apple music, audiobook, podcast and more. The included remote can be mounted on dashboard or steering wheel to adjust volume, track selection, switching and more. In addition to Bluetooth, this revised module has a built-in USB (5V/2.1A) port sure to keep those power-hungry devices charged while on the road. Thanks to the BTH-C5CD module users **keep the radio and CD changer** while enjoying Bluetooth features only available on newer cars.

Warning: A functioning 12-disc changer required for this module to work.
Disc will continuously spin while in Bluetooth mode.
If changer is missing or malfunctions; this module will NOT work.

See **Frequently Asked question** at the end of this guide for more details.

Installation (connects at radio)

Remove radio from dash to gain access to connectors. *Click link below*

<https://www.youtube.com/watch?v=WTbWYNJTSDs>

1. Locate and disconnect factory 20-pin plug from radio as seen in **Fig. 1**



Fig. 1
radio connector

2. Connect factory 20-pin plug (from step 1) to 20-pin socket (white) on installation harness See **Fig. 2**

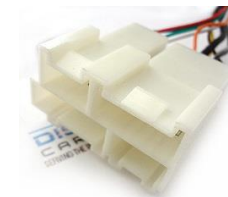


Fig. 2



Fig. 3

3. Connect installation harness 20-pin plug (black/gray) (See Fig. 3) to radio 20-pin socket vacated in step 1 (See Fig. 1)



required 12-disc CD changer in trunk/hatch

BTH-C5CD Playback options:

Warning: Regardless of playback option selected:

1. A fully functioning 12-disc changer is required. (please check)
2. 12-disc CD changer remains connected
3. CD changer magazine must have at least one "Disc" which will spin continuously (even when in Bluetooth mode).

Playback option must be selected at checkout:

1. Retain changer playback (**default**) Go to installation step 4.
2. Auxiliary input (**instead of changer playback**)

1. Retain CD changer playback:

This option allows retention (use) of the 12-disc changer in trunk or hatch CD changer must be fully functional.

2. AUX input (instead of changer playback):

This option provides a 3.5mm jack allowing users to connect and play portable audio devices (e.g., sat radio, iPod, Mp3 player etc.) **forfeiting 12-disc changer playback**, for this option to work, the **CD changer is**

required, must be in working order, but will not play. Instead, AUX device will take its place. Meaning the CD changer remains connected but will no longer play and at least one disc must remain in CD changer magazine.

1. To install, simply connect included 3.5mm audio cable (See Fig. 4) to "AUX" jack (See Fig. 5)
2. As an alternate; custom install the AUX jack (See Fig. 5) to dashboard or panel by drilling a 1/4" hole in dash or panel.
3. Connect the other end of audio plug to audio device (within 3 ft.)
4. **Proceed to installation step 4.**



Fig. 4

3.5male to male audio cable



Fig. 5

4. Install microphone to headliner, sun visor etc.: (See Fig. 6)
 5. Route cable down pillar, under dashboard and into radio cavity.
 6. Connect microphone plug to module "MIC" jack. (See Fig. 7)
- Wind noise (Convertibles) will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.



Fig. 6



Fig. 7
Module

7. Connect installation harness 16-pin plug (See Fig. 8) to module 16-pin socket (See Fig. 9)

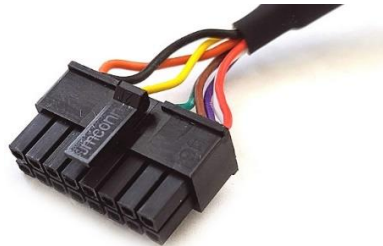


Fig. 8



Fig. 9

Optional USB extension cable installation

Note: 1. Optional USB dash mount extension cable (Fig. 12) is not required for operation, however it extends USB charging port (See Fig. 11) 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. 12
USB cable



Fig. 12

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



Fig. 13



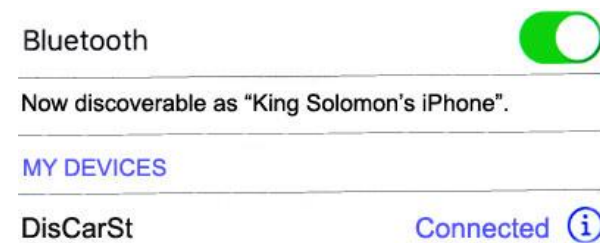
Fig. 14

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

Bluetooth pairing and connection

This process must be carried out upon initial install after which the BTH-C5CD will automatically reconnect with paired phone upon entering vehicle.

1. Go to smartphone settings and enable Bluetooth
2. Smartphone will automatically begin searching for devices.
3. Select Bluetooth name below, tap "Connect"



Note: Supports multiple phone pairings but connects to one phone at a time. If for some reason phone fails to pair, ensure no other has paired to module in such case you must unpair that device in order to pair another.

Warning: Caller ID, song text is **not shown on radio screen**. Operate Bluetooth device via media button, VR (voice recognition) or device built-in controls. Use radio buttons to adjust playback level and tone controls (e.g., Bass/treble etc.)

Bluetooth operation

1. Turn ignition and radio "ON"
2. **Ensure there is at least one "DISC" in CD changer magazine**
3. Press "AUX" button on radio.
3. Launch streaming application on audio device
4. Launch audio device streaming application.
5. Set smartphone volume to zero
6. Turn radio volume up 75% (3/4)
7. Increase volume on smart device until audio begins to distort, then decrease slightly until distortion free.
8. Use included wireless remote or device built-in controls to change tracks, adjust device volume, play/pause etc. (See Fig. 15)



Fig. 15

9. To switch over to the CD changer or AUX press **Pause/Play** button.
10. To switch back to streaming, press **Pause/Play** button.
11. Place test call or ask someone to call.
12. To accept, press "SEEK DOWN" on remote control (See Fig. 15)
13. To reject, press "SEEK UP" on remote control (See Fig. 15)
14. Use radio volume knob or remote control +/- to adjust phone call playback level.
15. Note: Some smartphones include settings for call volume. Please ensure this setting is not turned "OFF".

Feature comparison

The following chart illustrates the requirements and features offered by our exclusive C5 Bluetooth modules.

FYI: Our Bluetooth kits are defined as music streaming and/or hands-free. Bluetooth music streaming modules **do not support hands-free calls**, but our hands-free kits include music streaming.

Features/Requirements	A2D-C5	A2DIY-C5	A2D-C5FM	BTU-C5CD	C5CD-HF
Retains changer playback	YES	NO	YES	YES*	YES*
Requires CD changer ²	YES	NO	NO	YES	YES
Audio input jack (Aux in)	NO	YES	Op	*	*
USB charging port	Op	Op	NO	YES	YES
Hands-free calls	NO	YES	NO	YES	YES
Connect to radio	YES	YES	YES	YES	YES
Connects to changer	YES	NO	NO	NO	NO
Supports voice activation	**	**	**	**	YES
Wireless remote control	Op	YES	Op	YES	Op
Push-to-talk button	NO	NO	NO	NO	YES
Controls from radio	NO	NO	NO	NO	NO

*Optional: Aux input or CD changer playback retention

** Voice Activation possible from smart device buttons

Op=optional

² CD changer must be fully functional (able to play CD's)

Frequently asked questions & troubleshooting

- 1. What is the difference between the BTA-C5CD and BTH-C5CD?**
The BTA-C5CD supports streaming and the BTH-C5CD supports streaming and hands-free calls.
- 2. Does the BTH-C5CD work on all C5 radios?**
Works in 1997-04 C5 with Theftlock AM/FM/CD or AM/FM/TAPE with **fully functioning I2-disc changer in trunk/hatch. (Does not work if changer malfunctions in any way)- Please check changer operation prior to ordering.**
- 3. Will radio display call number or song name?**
NO. These features are not possible on C5 radios.
- 4. Is it possible to control smartphone music from radio buttons?**
NO; Use smartphone or audio device built-in controls, remote control or voice commands. Use radio volume button to set playback level.
- 5. I selected the option to retain CD changer playback but how do I listen to CD's?**
Press **"AUX"** button on radio to enter Bluetooth mode (if not already), then **press Pause/Play button on remote control.**
- 6. Will radio mute when call is made and/or received?**
Muting is only possible when radio is in "AUX/Bluetooth mode. If in AM/FM mode; radio will not mute. Radio must be switched to "AUX" to hear callers voice on car speakers.
- 7. My second phone does not pair or find Bluetooth module. Why not?**
Ensure **no other** phone is paired. Allow module to enter **"discovery"** mode at which point it is ready for pairing.
- 8. Will I be able to connect a flash drive to USB charging port?**
NO; USB port does not support thumb/flash drives. Charge only.
- 9. Will radio CD player or Tape player work after installing this module?**
YES! The CD player or Tape player built-into AM/FM radio or remote I2-disc changer operation is not affected by this module.
- 10. Callers not able to hear my voice with top down (convertible). Can you offer some guidance?**
In convertibles, microphone mounted to visor is exposed to wind noise. Notable, callers will have no issue while vehicle is standing still. Our microphone includes noise cancellation features, which is different than

wind noise and our recommendation is to install microphone in an area less susceptible to wind noise (e.g., pillar, mirror etc.).

- 11. How do I remove radio from dashboard to install module?**
The ADIY-C5CD connects to the radio. Click link for video instructions: <https://www.youtube.com/watch?v=WTbWYNJTSDs>
- 13. Will disc in CD changer continuously spin when radio is in AUX or Bluetooth mode?**
YES. There is no pause or stop button on radio and disc will begin to spin as soon as "AUX" button is pressed.

Disclaimer

- This product has no affiliation with GM or Apple
- When possible, professional installation is recommended

Email support@discountcarstereo.com

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