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A2D-BMW35

Bluetooth Audio Streaming Installation Guide for BMW

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Introduction:

Just because you drive an older vehicle does not mean you have to settle for old technology. Many E39, E53, E83 and other BMW models may have optional Bluetooth Kit installed, but even the factory kit does not allow the user to stream music from their Smartphone or Tablet. The A2D-BMW35 works with or without the factory Bluetooth kit to provide users with Bluetooth Audio Streaming features only available on newer cars. With the A2D-BMW35 users can stream music from their Smartphone or tablet directly into the factory Radio just as they would through a wired connection. A wireless connection means no wires, clutter or complicated setup.

Installation:

Remove CD player from the dashboard to gain access to the connectors. CD Removal instructions are not part of this guide but may be available upon request.

1. Disconnect factory Quadlock plug from Radio (See **Fig. 1**)



Fig. 1
Factory Quadlock Plug

To disconnect Quadlock plug, push lock tab upwards with thumb then pull lever (plug will slide out)

2. Plug the factory Quadlock (removed in step 1) to the mating Quadlock on adapter harness labeled **To Car** (See **Fig. 2**)



Fig. 2
Adapter harness Quadlock plugs

Disconnect factory white mini-Quadlock (if present) and connect to like slot on adapter harness labeled to Radio (See **Fig. 2**)

Note: Vehicle with hands free kit requires additional steps:

1. Remove wires from factory mini-Quadlock plug and transfer to like plug on adapter harness OR
2. Transfer 3 wires from adapters mini-Quadlock plug to corresponding pins on factory like plug. With no factory plug present, proceed **to Step 4**



Fig. 3
12-pin Mini Quadlock Aux plug

Transferring Aux wires to factory plug:

1. Remove contact carrier (2) from **AUX** Mini Quadlock housing (1) (See Fig. 4)
(lift tab on housing to release carrier)

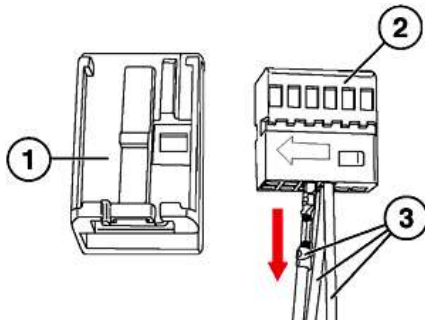


Fig. 4

2. Remove pins (3) by pushing down slightly on metal tabs using small screwdriver. If the tab was pushed far enough, pull wire out of contact carrier.
Repeat for the remaining pins.
- Note:** Take care not to damage these terminals since they will be reused.
3. Remove contact carrier (2) from **factory** Mini Quadlock housing
4. Slightly raise metal tab on the 3 pins removed in step 2
5. Insert the white wire to slot 3, red to slot 4 and black to slot 10 of the factory contact carrier as seen in Fig. 5

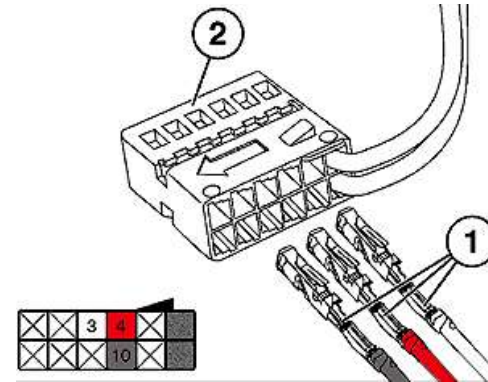


Fig. 5

3. Insert contact carrier to factory mini Quadlock plug and connect to Quadlock plug. (Quadlock is keyed to fit the right slot) (See Fig. 6)

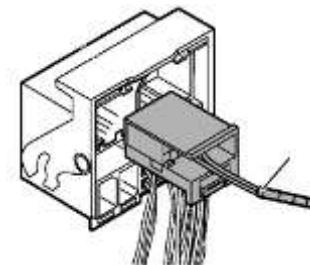


Fig. 6

Quadlock to Radio

4. Connect adapter harness Quadlock plug labeled **To Radio** into the CD player (Radio)
5. Secure adapter and proceed to next section.

Pairing:

The pairing process varies from Phone to Phone but the 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. On A2DP device: Go to ***Settings, Wireless & Networks, Bluetooth Settings***
3. Select ***Bluetooth*** and turn it "ON"
4. Then select Bluetooth settings
5. Tap ***Scan (Search) for devices***.
6. Wait for the Bluetooth device name to appear and select it



It is possible to pair more than one device (slaves), however only one connection can be active at a time.

Test Operation:

1. Turn the Radio "ON"
2. Press the Mode button on Radio until AUX is displayed
3. Launch Smartphone or tablet streaming application.
4. Use the radio volume control button to set the playback level.

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

5. If correct operation is confirmed go ahead and reinstall Radio

Congratulations, you've just updated your vehicle to support new technology while preserving the original radio and dash components. Enjoy!

Disclaimer

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