Multimedia Interface Installation Guide
BMW 3-series 2006-2008 with iDrive
**WARNING:** All functions of this multimedia kit should only be used while exercising caution and responsibility. We hold *NO* responsibility and are *NOT* to be held liable for any damage or injury caused during the installation or the use of the product(s) purchased from us. The installation guide is meant to be used only as a reference guide. We highly recommend using a professional installation service to install our product(s) on your vehicle. We hold *NO* liability for any changes to your vehicle factory warranty which may result from the installation
Recommended Installation Tools:

1. Small Flathead Screwdriver
2. Torx T10 socket
3. Torx T20 socket
4. Tool to remove plastic clips
5. Wire guide
6. 10mm socket
8. Trim removal tools
9. Philips type screw driver
Installation guide

• Part 1 – Installation of the Rear Camera
• Part 2 – Installation of Multimedia Module
Part 1 - Installing Rear View Camera

We strongly recommend disconnecting the battery before starting work on the car.
Remove the protective gray trunk cover

- Use clips removing tool and remove all the clips.
Remove two T25 screws (on E90 models only)
Remove the light green handle by pressing on the tab and removing the cable from it.
Remove the trunk lining
Remove the rubber grommet (both sides) to run the cables inside the car. You can see here we are using “wire guide” to pull the supplied Video and Power cables.
Remove the Left license plate light bracket and install the rear camera in that place.
Disconnect the Blue connector form the license plate light. Camera has two wires with two pins (disregard the color of this wires). Pin with the Red protection tube should be inserted into the blue connector with Gray/Brown wire. Pin with the Black protection tube should be inserted into the blue connector with Brown wire (not shown).
When installed camera should look like this:
Use the supplied Yellow Video and Red Power cables and connect them to the Red and Yellow plugs coming from the camera. Run the cables to the lower RT side of the trunk lid where the rubber grommet is attached to the trunk lid. Pull the grommet and pull the wires through. Use the “wire guide” and insert it on the other side of the rubber grommet so you can grab the wires and pull them through. Use oil or silicon spray to make the wires slide through easily.
Run Video and Power cables under the Gray protective cover.
In order to run Video and Power cables to the glove-box area you would have to remove the Right black leather cushion and fold down rear Right seat. It will make your job easier. If you don’t have folding seats in most cases you would need to remove lower seat by pulling it up and remove 2 Torx 45 bolts in the center that are holding upper seat cushion. It will give you some room to pass the wires through.

Fold down Right rear seat and then Pull Black Leather cushion towards you.
RT seat Down

Pull the RT leather cushion toward you
Run the Yellow Video cable and the Red Power cable on the passenger side pushing it under the plastic door trim. Run it to the glove-box area.
Push cables under the plastic trim.
Cables near the glove-box area ready to be connected
Part 2 – Installing the Video Interface
Gently pull the display forward and disconnect all the cables on the back.
Remove the center trim piece. Use plastic trim removal tools and start pulling it from one side working your way to the other side. Be very careful. Disconnect it from all connectors.
After you remove the center trim piece, you can remove the climate control unit located right below. Pull it very gently (one side at the time) and it will snap out. Disconnect it from the connectors. There is an empty space behind that unit, this is where you put the module (don’t put it just yet).
In order to install Plug&Play harness, you need to take off plastic cover by pulling it towards you. Red arrows indicate the area where you need to pull. Be very careful and take your time.
Unscrew Four (4) screws that are holding Navi unit. Before you go any further, make sure to cover vehicle’s trim with a microfiber towel or something similar to it to protect your trim from scratching.
Pull the Navi unit out and disconnect all the connectors that are connected to it. First disconnect the big square connector by pressing on the tab and sliding it out.
Now you can disconnect all the other small connectors. Remember to be careful and not to scratch the vehicle’s trim.
Now when the all connectors are disconnected, put the Navi unit somewhere in the safe place.

Now you need to disconnect some of the connectors from the OEM Black Square connector and transfer them to the New (same type) supplied connector that is attached to the harness.

**NOTE:** Be very careful with Green/Black wires connector and make sure not to bend it. Black wire is the Optical wire and CAN NOT be twisted.
• Remove the plastic trim panel below the glove-box (two Torx 20 screws). Connect the Yellow Video cable to the **AV/IN/OUT** harness that came with the module.
• We recommend to tape all the unused connectors on the harness to prevent from retelling.
• The Main White plug of the **AV/IN/OUT** harness needs to be routed towards the Navi area so it can be connected to the Video Module.
• The wire that is labeled “Rear Camera Power” has to go through the open area where the Navi unit was towards the passenger side footwell area.
• The Green wire that is labeled “Ground” has to go through the open area where the Navi unit was towards the passenger side footwell area. It has to be grounded to a bare metal on your car.
Transfer **Black** and **White** (or just one of them if you don’t have both) connectors from OEM Square connector to the **New** supplied connector. *On the vehicles with HiFi stereo and Basic stereo there will be another connector with 8 wires attached to it. You need to transfer it too otherwise you will lose the sound.*

Connector **without** extra 8 wires (Premium sound / Logic 7)

Connector **with** extra 8 wires (HiFi stereo / Basic Stereo)
After the sub-connectors were transferred to a **New** connector, you can plug **OEM** connector into the supplied **Black** connector (attached to the other end of the supplied harness). Plug it in and lock it.
Connect the **NEW** connector with all the transferred mini-connectors to the Navi unit along with all the other connectors that were disconnected and put the Navi unit back in place.
Remove the plastic trim panes below the glove-box. Connect the Yellow Video cable to the **AV/IN/OUT** harness that came with the module, behind that area (circled in **Red**), and run it to the “empty” area that is behind the Climate control unit. You can see the part of one of the AV connectors sticking out (circled in **Green**) and the fuse box of the Power harness (circled in **White**).
Connect the **Power/CAN bus** and **AV/IN/OUT** harnesses to the back side of the module and place the module in the empty place behind the Climate control unit. Now you can connect the Factory cable (**Aluminum Square** connector) into the module’s **LCD IN** port and the **Black Small Square** connector from the supplied cable into **LCD OUT** port.

It should look like that.
Connecting the Camera and Accessories.

- At this point you can connect “Rear Camera Power” wire to the long wire from the rear camera that you ran towards glove-box area.
- You can also connect all other desired accessories to AV1, AV2 or AV3 RCA connectors.
- If you would like to play video from the ipod, for sound use AUX AV cable and connect Red/White RCA connectors to the marked “AV OUT” Red/White RCA connectors of the module. The other end of the cable plugs into AUX IN of your car in the center console. For video, you would need to get Apple AV Composite cable and connect it to AV/In.
• Connect the battery and make sure everything works.
• If everything works the way it should, that means you did an excellent job and now you can put everything back together.
• If something doesn’t work or you have some problems, please feel free to contact us:  
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When you are done it should look like this.