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# Installation and Users Guide

Mercedes-Benz CLK class  
(Coupe-model years 1999-2004, Cabrio-model years 1999-2004)

Version 2.0

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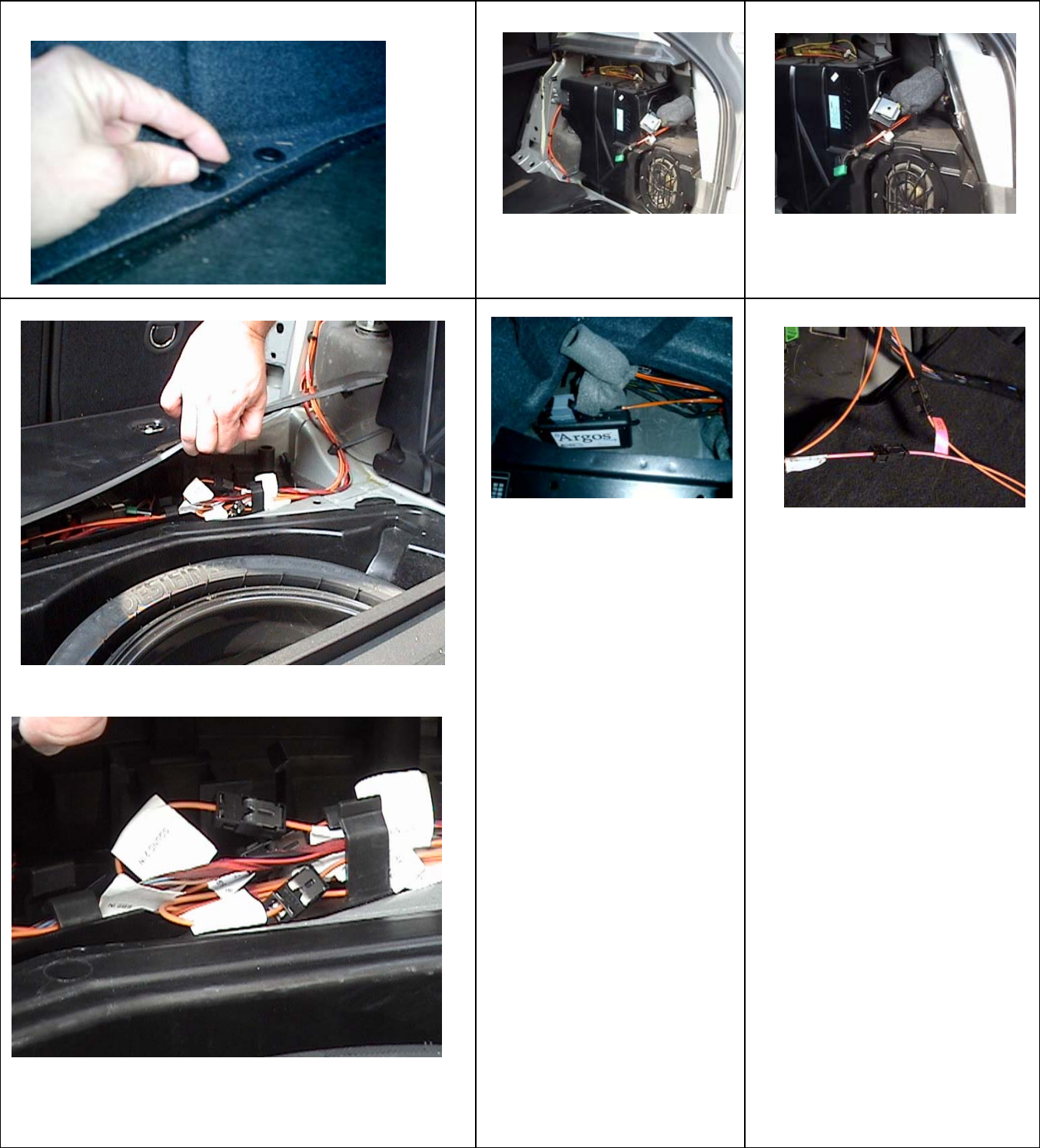
# 1. Introduction

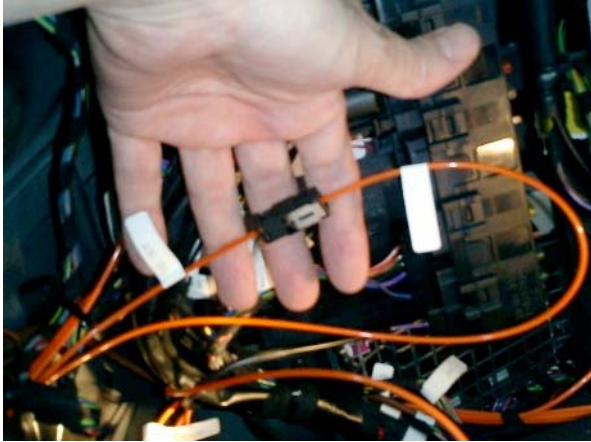
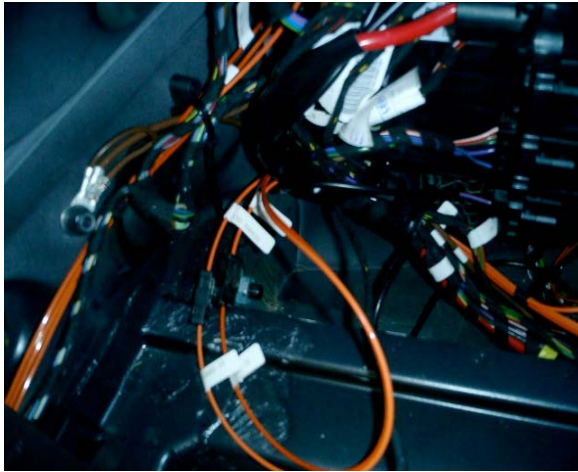
Thank you for purchasing our Bluetooth® wireless technology mobile telephone interface. This interface is designed to provide full integration of your Mercedes-Benz vehicle's built in mobile phone capabilities and your Bluetooth® enabled mobile phone. Below is a list of components and tools that you will need. Some you should have received or may have purchased separately. This document is designed to be a supplemental guide to installation and is not a substitute for proficient knowledge and ability to successfully complete the installation. Please note that your vehicle may vary from what is depicted in this document and European Integrated Systems, Ltd (EIS) cannot be held responsible for damage as a result of improper installation. If you are not comfortable with what you read we encourage you to seek professional installation assistance.

You will need the following components to complete the installation:

- Argos™ interface module
- Installation and operations guide
- Fiber Optic harness (if necessary for your car)
- Wire ties or tie-wraps
- Flat head and Phillips head screwdrivers
- Metric wrenches (for removal of old phone and cradle if applicable)
- Fuses - you may need 2 each of the following: 5A and 7.5A

This kit provides integration of a Bluetooth® enabled phone with the car's stereo for radio mute and use of the built in MB cell phone speakers. The built in microphone is also utilized. The steering wheel buttons work for answering a call and hanging up, as well as volume control during a call. The phone can be set to automatically connect with the car upon starting the car. Everything is mounted in the trunk and there are no wires to run. No wires to cut and in most cases no re-programming at the dealer is required. It will just work!





## 2: Argos installation procedure

### Gaining access to the location

1. You will need access behind both the right and the left side trunk liner to install Argos™. The first step is to remove the door/flap(s). Then, taking up the trunk carpet will make the next steps easier (shown is the left side).
2. The trunk side liner is held in place by a black plastic pin and a black plastic hook all the way forward. The pin can be pried out with a small flat head screw driver. The trunk liner can then be pulled away from the inside of the trunk. It is OK to bend the liner a little - it is quite resilient.

### Cables

Connecting Argos™ to your vehicle requires using two connectors. One is a 25pin connector that sometimes has a grey colored clip on it and a black colored Fiber Optic connector that has orange fiber cables coming from it. This connector will have a 90° angle. You will use these cables directly with Argos™. **CAUTION - take care handling the Fiber Optic cable so as not to damage it by bending to tightly or crimping it.**

If you are replacing an older Motorola phone system please disconnect the two cables from the old Mercedes "PSE" and connect directly to Argos™. If you don't currently have a Mercedes phone then you will need to incorporate the phone Fiber Optics into the loop. We will discuss that in the next section. For now lets hook up the Argos™ module (on the right side of the trunk).

### Attaching and Mounting Argos™

Note that your vehicle may be different than depicted.

If your vehicle doesn't have an old MB phone module, your options for mounting are varied. If your car was previously equipped with a telephone module (TCU) simply unplug that module and plug Argos™ in taking care to use the pictured 25 pin connector with the gray flaps and not the one directly connected to the TCU. First, perform a "dry run" by finding the cables you need, hooking them up to Argos™ and verifying they will reach and fit without crimping in the location of your choice. Many people mount their unit with double-sided tape - there is plenty of room in the area behind the wheel-well where you found the cables. Argos™ can also be mounted with tie wraps and this is a good choice

in this vehicle. These are merely mounting suggestions, you may mount your unit wherever is convenient in your application. To help place the internal Bluetooth® antenna in a more optimal orientation, we recommend to try to have the Argos™ arrow pointing towards the passenger compartment if possible.

## **Modifying the D2B Fiber-Optic loop**

The next step you will need to perform will be to incorporate the Fiber Optic cable that you found on the left side of the trunk into the Fiber Optic communication loop.

In this picture you see that the fibers are looped and connected together (to themselves at this point) by a small black connector. You will need to open up this connector (the label will say TEL -In and TEL-Out) and you will see that there is a red and clear end. You will want to connect one end to the connector on the car that is already in the loop. This is the black connector that doesn't loop around itself. And then connect the other end to the remaining end with the remaining connector. You are "daisy chaining the connectors." Note that the red and clear ends are different and they will only go in one way so that you won't get the ends mixed up. The "chain" will go from clear to red to clear to red, etc. Here is an exploded picture of the connector.

After opening up the connector attached to the TEL pairs, you will find the one that has Sound-Out and Radio-In. Disconnect that connector and then use the pair of small black connectors to connect as follows: Tel-Out to Radio-In and Tel-In to Sound-Out.

## **3: Display and head unit Operation**

**Note: For pairing procedure see step 13**

1. To the right is the standard radio display with Argos™ installed (note the TEL signal strength indicator now in the upper right hand corner).
2. Upon pressing the TEL button on the radio, you will enter the standard telephone display mode (READY is displayed).
3. The signal strength meter is used to indicate two things.  
The meter will show either 5 bars or 0 bars. 5 bars indi-

icates a connection to the Bluetooth phone. 0 bars indicates that your vehicle and phone are not connected. Basically if you have 5 bars you can place a call from the radio; if there are 0 bars then you cannot.

4. From the READY mode, you can:

- Activate pairing or connect to a previously paired phone.
- Dial a number from the keypad to place a call.
- Scroll through your main phonebook and recently placed call list.
- Activate voice dial on your telephone.
- Disconnect the car from the phone.



5. Access phonebook entries (if applicable) is done from the READY mode by using the four arrow keys. The up and down arrow move forward and backward one entry at a time in your list whilst the left and right arrows skip to the next letter in the alphabet. L1 will be indicated in the upper right hand corner.
6. To scroll through your recent call list from the READY mode, press the SND button. You will see the most recent call made, you can now scroll recent calls with the up and down arrow keys (note the L2 in the upper right hand corner indicating the "local" recent call list). Pressing SND again will (on some headunits) will bring you to missed calls and received calls lists.
7. From the telephone display READY mode you may place an outgoing call. Use the dial pad keys to enter the phone number or select an entry from your phonebook and press the SND button. If you see NO SERVICE displayed when you try to place a call, this indicates that you are in an area with no cell phone coverage.
8. When an incoming call is received, the display will switch from whatever mode it is in to the telephone mode. The display will indicate CALL or will show the incoming Caller-ID if available. Any audio programming will mute and a ring tone will be heard. Press SND or the off-hook steering wheel button to accept the call.
9. From the READY state you can also activate Voice Recognition if your phone is so equipped. There is a permanent entry in your phonebook that will command the phone to accept your voice command. Once you select that entry and press SND, wait a moment (some phones will produce a confirmation beep) and say the voice tag that you have recorded in your phone.
10. During a call the indicator will display CALL. Phone mode volume can be adjusted via the radio volume knob or the steering wheel volume control. During a call a but-

ton labeled MUT is also available. Pressing this will mute and un-mute your microphone (you will hear a light confirmation tone every few seconds indicating your mic is muted). Another feature that is active during a call is full DTMF tone generation so that you can use the keypad to enter numbers during a call - helpful if you need to enter voicemail passcodes, etc. Press END or the on-hook steering wheel button to end the call. Normal audio programming will resume.

11. You may see the message "PROCESSING" if you try to access your phonebook immediately after starting the car. This message indicates that the phonebooks are being uploaded to the car. This can take up to two minutes. If you try to place a call from the radio during this process, you will receive the message "NO SERVICE" - simply wait a minute and try again.
12. During a call, your in-car electronics will stay active even after you shut the car off and remove the key. Once your call has ended, the electronics will turn off automatically.
13. To initially configure your phone and car to work together: from the READY screen (with 0 bars), using the arrow keys on the head unit you will see only two choices, one for "CONNECT" and one for "PAIR PHONE." Press the SND key when you are on the "PAIR PHONE" choice. Then go to your cell phone and have it search for Bluetooth® devices. It should find ARGOS. Then select ARGOS on your phone and enter the pass key. Your passkey will be either the last 4 digits of your serial number (on the back of the unit) or 1234 depending on your region. Once the pass key is accepted, turn off the ignition and wait 30 seconds. Turn your ignition back on and monitor your radio display and telephone. If your phone and car immediately connect then your pairing process is complete. If, however, they do not automatically connect simply select ARGOS on your mobile phone and manually connect to ARGOS (some phones require you to initiate the connection from the phone before allowing automatic connections). Once you have done this ONCE and get the 5 bars, from then on your phone and car should automatically connect every time you start your car. Note that you can also use the "CONNECT" option to manually connect and disconnect the phone and the car. You may need to configure your phone to make the connection to ARGOS automatic or to make ARGOS "trusted" by your phone.
14. You may pair up to 5 phones with the Argos unit. Simply repeat the process for each phone you would like to add. Note that only one phone can be used at a time.

15. Argos Reset: Should it be necessary, you can reset your Argos™ unit to factory defaults by dialing the following command and pressing SND. Note that all previous pairing information will be lost. From the READY state, dial \*301#2002# and press SND.

Your Argos™ unit was designed and programmed to support as many Bluetooth® wireless technology equipped phones as possible. There are a number of factors that contribute to Argos™ and phone compatibility including the software version in your phone. Some phones do not support the functionality required for download of your phonebook. Those phones that do support phonebook download may download the entries you have stored in the phone or on the SIM card or in some cases both. If you have only some entries or no entries you may wish to check where your phonebook is stored in your phone. Please also visit our website where we will keep an updated list of supported phones and compatibility issues. You may also find it convenient to utilize your phone's keypad while in your car. For example, you may dial a number from your phone and press send on your phone and still talk handsfree through the car's system and then press the hang up button on your steering wheel to end the call.

**CLK CLASS special note:** On some later vehicles, MB did not Pre-Install the fuses necessary to utilize a phone. If you have attached everything but you get no functionality, the first step will be to check your fuse panels and verify that fuses are installed in all applicable locations (in some cases there are up to 4 fuses that are needed for the telephone to operate. Please consult your owners manual for fuse locations.

In the rear fuse block (located in the rear wheel well on the left side), fuses F13 (5A) and F16 (7.5A) (F16 being topmost) must be installed.

In the front fuse block (located under the front hood, driver (right facing car) side), fuse F44 (5A) must be installed.

**Please consult your owners manual and ensure that all phone related fuses are installed.**



#### **4: Warranty and Product Disclaimer**

We stand behind every module we sell and we want you to feel that you have made a sound decision to purchase from us. We are grateful that you have taken one further step to safer driving and encourage you to remember that your first priority is always to driving your car, being attentive, and being safe.

We warrant this product against defects in material and workmanship as follows:

Your module is backed by our 1 year performance warranty – this includes repair or replacement for failures resulting from defects in manufacture. If, upon return of product, it is determined to be defective, European Integrated Systems, Ltd. (“EIS”) or ECP, LLC will repair or replace the Product at no charge during the warranty period. Your retailer may provide an additional/extended warranty or contract. Please contact your retailer for assistance.

EIS will also provide software upgrades, if they become available, for the life of your product for a nominal cost.

This warranty does not cover cosmetic damage or damage due to improper installation, to acts of God, accident, misuse, abuse, negligence, commercial use, or modification of, or to any part of the Product.

Return of your product for a refund is subject to the policies of your retailer.

EIS cannot be held responsible for failures resulting from installation errors or modifications.

To the extent permitted by law, all warranties are waived, other than the warranty stated above. The warranties of merchantability and fitness for a particular purpose are waived to the extent provided by law.

#### **Product Disclaimer**

Repair or replacement as provided under the warranty (above) is the exclusive remedy of the consumer. EIS shall not be liable for any incidental damage, including but not limited to damage, real or perceived, to your vehicle due to installation and use of this

product, or consequential damages for breach of any expressed or implied warranty on this product. Except to the extent prohibited by applicable law. To the extent permitted by law, all warranties are waived, other than the warranty stated above. The warranties of merchantability and fitness for a particular purpose are waived to the extent provided by law.

We cannot guarantee that you will have perfect success in voice dial recognition – this is a function of not only the Argos™ module but also the phone itself and the conditions (background noise). Road and wind noise play a factor as well.

### Specifications

Compatible with Bluetooth 1.2 Spec - Class 2. Range approx 30ft/10m.

Supported profiles: Handsfree, Headset, Object Exchange, PBAP

FCC ID: SD7GR2320

CE Mark pending

Fully compatible with all Mercedes D2B fiber optic systems and peripherals.

Made in the USA

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