



2003-2004 Land Rover Range Rover Bluetooth Upgrade

Replace old phone system - or no phone system with the latest BMW bluetooth telephone system

Written By: Martin Bishop



INTRODUCTION

Installation instructions below are for the Range Rover Bluetooth Kits for 2003-2004 US Range Rovers, and 2002-2004 Euro Range Rovers: Click here to buy now. <http://www.roverupgrades.com> Range Rovers built within this range were based on the BMW system and can be retrofitted with the BMW Bluetooth Upgrade module.

[video: <https://www.youtube.com/watch?v=il0S9qEQ03A>]



PARTS:

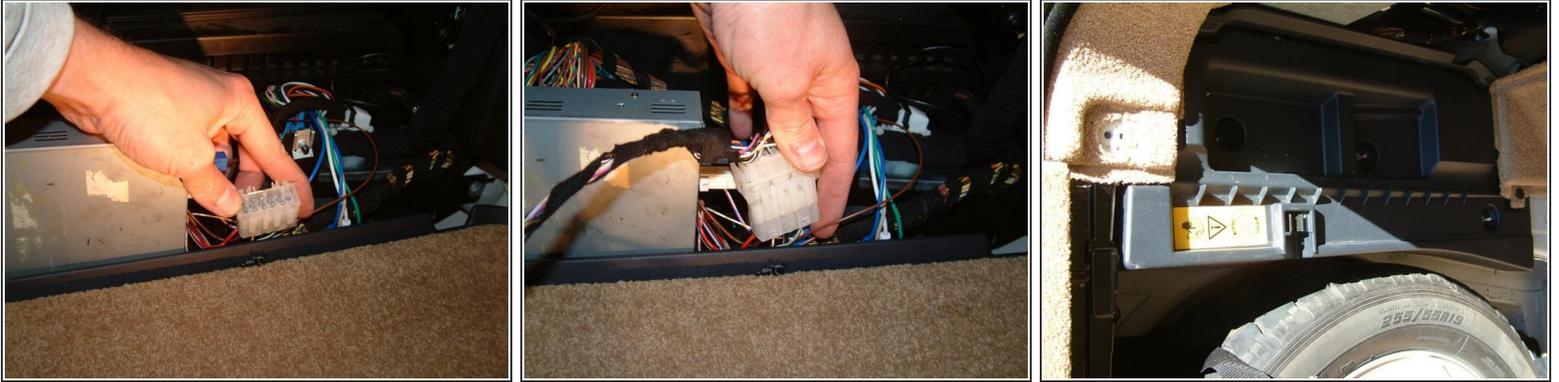
- [Range Rover Bluetooth Kit](#) (1)
-

Step 1 — Bluetooth



- Before starting remove the Bluetooth passkey sticker from the label of the Bluetooth ULF control Module. Put this sticker someplace safe. I recommend putting this sticker in the glove box stuck inside the user manual. Open the Storage compartment on the rear left side of the car where the navigation computer is located,
- Panel Removed
- If your Rover is a US model, reach your hand between the amplifier bracket and the plastic floor piece and locate the telephone wiring harness connector

Step 2



- Lift the phone connector up slightly. Connector should be dangling between the radio module and the amplifier bracket
- Connect the Bimmernav.com Bluetooth upgrade harness to this connector.
- If you can not easily find this connector, you can simply lift up the spare tire cover and easily remove the black plastic cover by removing the plastic nuts and the rear "luggage tie downs" shown removed in this picture. Once the nuts are removed you can swing the cover out of place.

Step 3



- The below image shows the connection with the plastic trim piece removed
- In the Euro Rover, locate the 54 pin connector and using the 54 adapter harness in your kit connect to the 54 pin telephone prewiring cable in your car. Do NOT connect the Bluetooth module directly to the Range Rover 54 pin connector wiring in the Euro Rover.
- Although the plugs are the same the wiring is quite different. Doing so could damage your car or your Bluetooth module. You must connect the ULF module to the Range Rover using the provided adapter harness as shown below in the Euro picture.
- 54 pin Adapter Connected to module

Step 4



- Connect the 54 pin connector to one end of the ULF module, and the cream/purple colored Bluetooth antenna wire to the other end of the ULF module.
- Find a suitable mounting location using the bracket already attached to the Bluetooth control module. If you removed the plastic trim piece you can use the Range Rover telephone bracket already installed in your car. Just line up the holes on the bracket with the Bluetooth module
- I mounted my Bluetooth module with the antenna connector closest to the tail lights using standard screws and nuts. Make sure you connect the antenna wire and plug wire before mounting to ensure a proper fit. In my mounting configuration shown below only two screws were used, although it worked perfectly.

Step 5



- Connect the Bluetooth antenna wire as part of the Rover Bluetooth retrofit kit from the Bluetooth module to the Bluetooth antenna and mount in a suitable location. Mounting brackets should already be directly on top of the navigation computer as shown below
- The US and Euro Rovers are both equipped with the microphone wiring in the overhead console, although In the US Rover, without telephone prewiring, you will need to connect the Bluetooth microphone wiring together to the microphone prewiring under the cupholder/ashtray.
- The Microphone is installed in the overhead console , where your overhead lights and sun-roof switches are located. It's easier to just pry the lights out with you bare hands, and then pop out the mic cover with your bare hands. You **MUST** mount the microphone with the arrow pointed towards the front of the car. Just line up the arrow and snap in

Step 6



- In the US Rover and Euro Rover that is not prewired for telephone there are two options for connecting the microphone wiring. The Bimmernav Bluetooth kit will ship using the direct wiring method where you can run the microphone wiring by tucking the wire into the roof headliner from the back to the front.
- Euro Range Rovers that are prewired or equipped with the telephone system already simply require you to plug in the microphone into the overhead console without running any microphone wiring
- Arrow below points to microphone wire connection

Step 7



- Optional Addition of Steering wheel voice recognition control button. In the US Rover without the telephone "speak" button, the button can be upgraded simply by swapping out the Multi Functional steering wheel button cluster. This cluster is available as a single part as shown below.
- This cluster is available as a single part as shown below. By replacing the Multi functional steering wheel button you will be able to voice control your phone and your navigation system from the steering wheel, although will still need to keep the pairing button for use when adding new phones to the system

Step 8



- In the Euro Rover with prewiring for telephone, you can order your Bluetooth kit with pairing button OR eject box. If your Rover does not already have the Siemens BIT II phone, you must replace the solid trim piece with the phone version trim piece in the arm rest. Trim piece available at your local Rover dealer.
- The part number for the replacement trim piece is FJB000130PVA, stowage box upper with telephone (last photo below shows this trim piece installed).
- Once the trim piece is installed you can simply snap in the eject box into place for the finished I

To reassemble your device, follow these instructions in reverse order.