

Volkswagen & Skoda

Installation Instructions

Version 1.2

Bluetooth Gateway

M1000-C-BT1-VW1/SK01



Kit Contents:

- Bluetooth ECU
- Microphone
- Vehicle Interface Loom
- Operating Manual

Kit Contents:

- Panel Removal tools
- Torx screwdriver
- Vehicle Diagnosis Computer, e.g. VAS 50....
- Double Sided fixing tape

Kit Contents:

Installation can be carried out in vehicles with the following specification:

- Multi Function Steering Wheel and Multi Function Display Plus (MFD+) with either of the following audio systems, RCD300, RCD310, RCD500, RCD510 , RNS510.

OR

- Vehicles WITHOUT Multi Function Steering Wheel and Multi Function Display Plus (MFD+) with either of the following audio systems, RCD510, RNS510.

When fitted to vehicles WITHOUT Multi Function Steering Wheel and Multi Function Display Plus (MFD+) the Phone System operation is limited to the head unit controls. **NOTE:** Polo 6R Multi Function Steering Wheel PHONE button operates kit to hang-up/answer

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Procedure:

PLEASE NOTE:

- Installation of the Integrated Bluetooth Hands-free Phone System should be carried out by a competent workshop. Special tools, diagnostic equipment and special literature specific to the car is required for fitting.
- Incorrect installation can result in damage to the vehicle or the product.
- Installation can only be carried out in vehicles with the following audio systems, RCD300, RCD310, RCD500, RCD510, RNS510.
- After completing the installation the car must be coded for operation with the Bluetooth
- system using a diagnostics, measuring and information system.
Secure all cables and harnesses so that they cannot come into contact with any rotating or other moving parts and so that they cannot chafe on any sharp metal or plastic edges.

1.1 General preparation of the vehicle for installation of the components

- Switch off the ignition and all electrical equipment
- Remove the radio/radio navigation system (refer to vehicle repair manual)
- Remove any existing hands-free phone system that is connected to the CANBUS wiring and do not re-install it as it will conflict with the Bluetooth Gateway system.

1.2 Mounting the Bluetooth ECU

- Clean the underside of the Bluetooth ECU with a clean towel and alcohol, and then attach double sided fixing tape to the underside of the Bluetooth ECU.
- Mount the ECU with the sockets facing upwards (if ECU is to be mounted vertically) so that the plugs cannot fall out.
- Please see pictures **Section 1.8** for vehicle specific ECU mounting positions.

1.3 Routing the Vehicle Interface Loom

- Route the QUADLOCK Plug/Socket end of the Vehicle Interface Loom from behind the head unit to the location of the Bluetooth ECU.
- Secure the Vehicle Interface Loom using the supplied cable ties within the dashboard to the existing wiring/wiring looms.

1.4 Connecting the Vehicle Interface Loom to the Radio/Radio Navigation unit.

- With the Radio/Radio Navigation unit removed, connect the socket side of the Vehicle Interface Loom to the plug that usually connects to the radio/radio navigation system.
- Connect the plug side of the vehicle interface loom to the radio/radio navigation unit.

1.5 Microphone Installation

- Please see Section 1.9 for vehicle specific Microphone mounting positions.
- Clean surface that the microphone is to be mounted to with alcohol and clean towel.
- Once the Microphone is mounted in the correct position, route the cable to the Bluetooth ECU location.
- Secure the microphone cable using the supplied cable ties within the dashboard to the existing wiring/wiring looms.
- Connect the microphone plug to the Bluetooth ECU 2.5mm microphone socket.
- Bundle any spare microphone cable together and cable tie to the Vehicle interface loom.

1.6 Coding the vehicle for Telephone

- Connect a vehicle diagnosis, measurement and information system to the vehicle.
- Select the operating mode “Self Diagnosis”
- Select the following menu points one after another
 - 19 Diagnostic Interface Databus
 - 007 Coding (Service \$1A)
 - 77 Telephone
- Set the Telephone to “coded”.
- Then follow the queries and enter the relevant vehicle data.

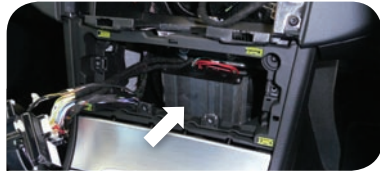
1.7 Functional test and final fitting

- Check the function of the Integrated Bluetooth Hands-Free Phone System by pairing a mobile telephone to the system (Bluetooth ID is BT Gateway, PIN code is **1234**) and then make a call. End the call via the Multi Function Steering Wheel.
- Test the answering function by calling the paired mobile telephone from another phone and answering using the Multi Function Steering Wheel.
- While on the call test the microphone and the speaker system (make sure you can hear the caller and that they can hear you)
- While the mobile telephone is paired, turn the ignition off and remove the key. The mobile telephone should disconnect from the Bluetooth system. Leave the ignition off for 30 seconds and then switch it back on. The mobile telephone should re-connect with the system within 90 seconds.
- If the vehicle has a touch-screen radio/radio navigation system installed (RCD510/RNS510) please ensure that the phone operating console is displayed on the touch-screen when the PHONE button (on the radio control panel) is pressed.
- Refit the radio/radio navigation unit and all other trim panels that were removed. (refer to the vehicle repair manual)
- When final testing is complete and the operation has been verified as satisfactory you must perform a **Factory Settings Reset**. To do this enter the **System** menu and then **Factory Reset**. Select Reset and then wait for the telephone to initialize and verify that the PHONE menu appears in the MFD+.

1.8 Vehicle Specific ECU Mounting Locations



1A Golf VI
Location: Mounted on dash support cross brace, behind driver side pocket.



1B Passat 3C, Passat CC
Location: Attached to ECU behind A/C control panel.



1G Skoda Octavia II
Location: mounted on top of pocket behind A/C controls.



1H Skoda Superb
Location: Mounted on dash support cross brace, behind driver side pocket.



1C EOS, Scirocco, Golf V, Jetta
Location: Mounted on dash support cross brace, behind driver side pocket.



1D Tiguan
Location: Attached to top of pocket, behind A/C control panel.



1I Skoda Yeti
Location: Mounted on LHS internal wall of centre console using adhesive tape.



1E TouaregGP (Facelift)
Location: Attached to panel as pictured with double-sided tape and cable ties.



1F Polo 6R
Location: Attached to LHS kick panel metal surface with double-sided tape as pictured.

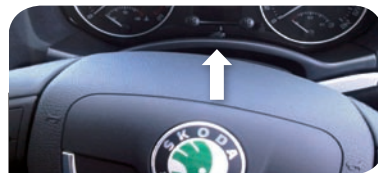
1.9 Vehicle Specific Microphone Mounting Locations



2A Golf VI
Location: Attached to trim panel with wire routed behind trim panel.



2B Passat 3C, Passat CC
Location: Attached to rear view mirror support cover.



2G Skoda Octavia II
Location: Attached to trim panel with wire routed behind trim panel.



2H Skoda Superb
Location: Attached to steering wheel shroud with wire routed behind vinyl cover.



2C EOS, Scirocco, Golf V, Jetta
Location: Attached to trim panel with wire routed behind trim panel.



2D Tiguan
Location: Attached to trim panel with wire routed behind trim panel.



2I Skoda Yeti
Location: Attached to trim panel with wire routed behind trim panel.



2E TouaregGP (Facelift)
Location: Attached to trim panel with wire routed behind trim panel.



2F Polo 6R
Location: Attached to steering wheel shroud with wire routed behind vinyl cover.

Trouble Shooting Guide

The purpose of this guide is to help the end user or the installer of the Bluetooth Gateway with pairing and non-connecting phones after the kit has been installed.

To the installer:

Once the BT Gateway has been installed in the vehicle and it has been coded to the CAN Gateway in the vehicle (Address 19, option 77 Telephone) the unit must be tested using a Bluetooth enabled mobile phone. Once the kit has been tested and verified as working OK you must perform a 'Factory Reset' to clear the test phone and any other previously paired phones from the BT Gateways memory before the vehicle is delivered to the end user.

To the installer and end user:

The Bluetooth Gateway can store up to 5 different phone pairings in its internal memory. If the BT Gateways memory has 5 phone pairings in it, you can't pair any more phones without deleting some of the unused phone pairings. There are two ways to do this.

To Delete one Paired Device at a time:

Using the In-Dash Multi Function Display (MFD) and the Multi-Function Steering Wheel (MFSW):

- 01** Turn IGN on and go to the PHONE page within the MFD
- 02** On the PHONE page select BLUETOOTH
- 03** Now select PAIRED DEVICES
- 04** You will see a list of paired devices (the Bluetooth ID of the phones that are connected i.e. "Johns iPhone").
- 05** Select the device that you want to delete and the select DELETE or BACK if you have made a mistake with your selection
- 06** You will then see a message saying DELETING DEVICE
- 07** You can now select BACK until you return to the main menu.
- 08** Turn the vehicles IGN OFF and remove the key for 30 seconds
- 09** Please make sure that any previous pairings to the BT Gateway system are deleted from your phones memory.
- 10** Switch the IGN back ON and try pairing the BT Gateway using the phones Bluetooth menu.

The BT Gateways Bluetooth ID is "CAR BT"

To Delete ALL Paired devices and restore all Factory settings:

Using the In-Dash Multi Function Display (MFD) and the Multi-Function Steering Wheel (MFSW):

- 01** Turn IGN on and go to the PHONE page within the MFD
- 02** On the PHONE page select SYSTEM
- 03** Now select FACTORY RESET
- 04** You will now see the following message RESTORE FACTORY SETTINGS CONTINUE?
- 05** Select RESET
- 06** You will see a message saying TELEPHONE INITIALIZING
- 07** After this the PHONE menu should be available again in the MFD
- 08** Please make sure that any previous pairings to the BT Gateway system are deleted from your phones memory.
- 09** You can now try pairing the BT Gateway using the phones Bluetooth menu.

The BT Gateways Bluetooth ID is "CAR BT"

Trouble Shooting

01 My phone was paired and functioning correctly but will now not pair correctly

If the above issue arises the best thing to do is reset the phone. Make sure the vehicles IGN is switched OFF and the key is removed from the IGN. Turn off the phone and remove the battery for 30 seconds. Re-insert the Battery and switch the phone back on. Make sure the phone has turned on correctly and that the Bluetooth function is active. Turn the IGN ON in your vehicle and wait 1 minute for your phone to pair. If it does not pair, please perform a FACTORY RESET as described above.

02 My phone paired the first time but will now not pair automatically

In some phones you may have to set the BT Gateway as an "authorised" device within the phones menu. Sometimes you may be prompted to do this when you first pair the phone to the BT Gateway, otherwise you will have to do this in the phones Bluetooth menu. Usually you highlight the device called CAR BT and then go to the OPTIONS and then SET DEVICE AS AUTHORISED or something similar. All phones are different.