

## BMW Assist

Currently available for Germany only (D1 and D2 network)

### Telematics services

The following telematics services based on the GATS standard (Global Automotive Telematics Standard) include

- Emergency call
- BMW emergency service
- BMW information
- Information plus
- Traffic information

#### Preconditions

- Airbag control unit MRS3 or customers declaration of agreement (due to absence of automatic emergency call)
- Navigation computer software as from CD V 12 and higher
- Telephone  
BIT (Basis Interface Telephone) from HW 02, SW 04 and higher  
or Motorola I-bus interface (fixed installation) from HW 06, SW 05 and higher
- First-time initialization implemented

#### First-time initialization:

A submenu **BMW Assist** is provided for this purpose under the menu point "settings". This menu is only provided, however, if the telephone and navigation system feature telematics capabilities.

First-time initialization is necessary so that the "BMW ASSIST" button is activated in the main memory.

First-time initialization is triggered by pressing the **initialization** button. Connection to the service centre (service provider) is set up with a D1 or D2 card. Corresponding status messages are displayed on the screen during this procedure. Do not switch off vehicle (stationary), procedure can take up to 15 minutes.

"Initialize button" can only be selected if GSM and GPS reception are available.

Once initialization has been successfully completed, the status appears (on the screen) together with information on the subscribed services as well as the vehicle profile (colour/licence number, provided this was entered beforehand by the dealer). The **initialization** submenu changes to **Update** and **BMW ASSIST** appears in the main menu.

The menu entry **BMW Assist** is shown as not selectable (black) if the telephone is not ready for operation.

Possible errors:

- Telephone card not inserted
- PIN not entered
- Telephone not switched on, connected (mobile phone)
- Telephone defective
- Telephone number of card not known to service provider if number was set in application.
- Telephone not subscribed to D1 or D2 network
- GPS reception not available

The corresponding **submenu** is accessed by selecting the menu point **BMW Assist** , indicating all available **services** as well as a **status button** .

### Emergency call

An emergency call is triggered by selecting the **emergency call** menu point, i.e. a **voice connection** is set up to the **service provider** and an **SMS** is sent.

The following data are transmitted in the SMS:

- Location of vehicle
- Vehicle identification number
- Telephone number (from mobile phone)
- Licence number, colour, model (if specified)

Any existing telephone connection (not emergency call) is terminated automatically.

In the case of inadvertent triggering it is necessary to wait for voice communication and then declare the emergency call as invalid (otherwise the emergency procedure will be initiated).

If the **emergency call** menu point is selected once again, no emergency call is sent out until the active emergency call is completed.

If, after several attempts, an emergency call is not set up with a service provider (poor network connection, service control centre defective), 112 is dialled and a voice connection is set up with a police emergency service. However, a connection with 112 is set up only if BMW ASSIST was available (active) at the moment the call was triggered. Data transfer does not take place.

## BMW roadside assistance service

A breakdown call is sent by selecting the menu point **BMW roadside assistance service**, i.e. data are sent to the BMW roadside assistance service together with the current location and vehicle profile. Voice communication to the BMW roadside assistance service is set up. In this case, however, any existing telephone connection is not terminated.

If the menu point **BMW roadside assistance service** is selected once again, no further break-down call is sent until the break-down call already active has been completed.

In the event of a fault, a corresponding error message appears that must be acknowledged by the user.

## BMW information

From 11/99

The **BMW information** service enables the user to receive information via a **data mailbox**. Initially, the user receives a signal on his/her telephone indicating that he/she should call his/her mailbox. After pressing the **check** button in the BMW information menu an SMS connection to the service provider is set up, his/her mail is sent to the vehicle and displayed on the screen.

The contents of the data mailbox is limited to one message of max. 280 characters. Line breaks are made by the navigation computer. This results in unused space that reduces the number of characters actually available. Text extending beyond the available space is not displayed.

When reselected, an SMS is sent back to the service centre.

## Information plus

By pressing the **information plus** button a **voice connection** is set up to an operator at the service provider and an **SMS** is sent indicating the current location. The corresponding information is downloaded by a **verbal inquiry** for certain information (e.g. hotel, restaurant, destination, telephone number).

A status window appears on the display screen together with the corresponding navigation destination or the telephone number. The destination is adopted in the line entry by positioning the cursor on the address and pressing the rotary pushbutton. A call to the corresponding number is set up by clicking on the telephone number.

Once the corresponding inquiry has been completed, a **start new inquiry** button appears on the screen.

## Traffic information

If **BMW ASSIST plus** is subscribed the button **RDS-TMC** and **V- Infoplus** will be active in the traffic information menu.

### Service selection

The corresponding traffic information service can be selected in this selection window.

- RDS-TMC
- V-INFO plus
- No traffic information

Only the services that can actually be used are selected (i.e. RDS/TMC in conjunction with corresponding radio, V-info plus if telematics service subscribed).

A corresponding information window appears if the RDS-TMC service is selected and the map does not support RDS-TMC.

If the V-info plus service is selected, an inquiry with regard to traffic information is sent to the service provider every 30 minutes after activating navigation.

After selecting a service, the corresponding symbol (TMC or Vi+) appears in black in the status line. The colour changes to green if traffic information is received (also the 'no traffic queues' message).

All traffic information services can be switched off via the **no traffic information** menu point.

### Event selection

The events that are to be displayed or suppressed in the map can be selected under the event selection menu.

Options:

- Accidents
- Hazards
- Strong wind
- Icy road
- Waiting times
- Road works
- Parking facility
- Slow-moving traffic
- Congested traffic
- Traffic queues
- Road closures

The new values are adopted by selecting SAVE.

## Telematics status

After selecting the **Status** menu point in the BMW assist menu a screen appears with the corresponding information on the subscribed telematics services as well as the vehicle profile.

Services:

- Emergency call/breakdown
- V-INFO plus
- BMW information
- Information plus
- FCD

Profile:

- Car (licence number)
- Colour

## Service menu

Various settings with regard to the telematics functions can be implemented or have already been preset by way of coding telegrams under "telematics setting" in the service menu.

### Licence number

The licence number can be entered via the scroll facility of all alphanumeric characters up to a length of 11 positions (must be entered as not included in encoding procedure).

### Colour

The colour can be selected and set from a list of 10 possible options (must be entered as not included in encoding procedure).

### SMSC No.

The corresponding default number is set automatically by using the corresponding telephone card. This number can, however, be changed manually with the aid of scroll mechanisms. If a D1 number is entered **+491710760150**, the memory will be redefined for the D1 number. The same applies when entering a D2 number **+491722270684**. A destination number is additionally necessary in the case of D1 . . . . **72550**

### VIN

The VIN (vehicle identification number) is entered by way of encoding and cannot be changed manually here.

## Vehicle type

The vehicle type designation consisting of series and model is entered by means of encoding and cannot be changed manually here.

## Automatic emergency call

The automatic emergency call is entered by way of encoding and cannot be changed manually here. The automatic emergency call is only possible in conjunction with telematics functionality. The procedure is identical to that of a manual emergency call only in this case no actions need be taken by the user. The automatic emergency call is activated on triggering of the airbag control unit.

## Procedure for identifying the components

### Airbag control unit MRS3

Check: Quick test with DIS/MoDiC. With the aid of the identification the diagnosis index can be read out in the control unit functions. This index is "8" for the MRS3.

### Navigation computer MK2

No check is necessary with regard to the hardware. Operating software V12 or higher must be loaded.

Check: Select **settings** in on-board monitor menu and keep menu button pressed until the service menu is displayed. Select menu point **Navi/graphics stage**, the SW status must be 28 or higher.

**Encoding of the navigation computer is imperative after a software update as otherwise telematics services will not be possible!**

### Telephone

No check is necessary for mobile phones or keypad handset.

### Interface / transceiver

#### Basis Interface Telephone (BIT) Siemens and Nokia

Check:

- Switch off ignition
- Plug in SIM card and connect mobile phone in switched off status
- Ignition terminal R
- Enter PIN
- Select the **telephone** menu on the on-board monitor and wait until the SIM card has been read completely (jump to TOP8 /register)
- Press the **Info** within 2 seconds and hold pressed for approx. 6 seconds
- HW/SW, part number, SW version mobile phone are shown at 5 second intervals
- HW 02 and SW 04 or higher

#### Motorola I-bus interface for Motorola mobile phone

Check: See BIT, HW 06 and SW 05 or higher

#### Motorola I-bus interface/transceiver for fixed installation

Check: See BIT (mobile phone connection not necessary) HW 06 and SW 05 or higher