Installation manual
Bluetooth hands free
Audi

Article-ID   36721

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Suitable for vehicles with MMI 3G

Not suitable for MMI 2G

Content

General advice

While developing this product, your personal safety combined with the best operating service, modern design and an up-to-date production technique was especially taken into account.

Unfortunately, despite the utmost care injuries and/or damages might occur due to improper installation and/or use.

Please read the attached instruction manual completely with great care and keep it!

All articles of our production line pass through a 100 % check - for your safety and security.

We reserve the right to carry out technical changes which serve the improvement at any time.

According to each article and purpose, it is sometimes necessary to check each country's legal regulations before installing and starting the unit.

In case of guarantee claims, the device has to be sent back to the seller in the original packaging with the attached bill of purchase and detailed defect's description. Please pay attention to the manufacturer's return

requirements (RMA). The legal warranty directions are valid.

The guarantee claim as well as the operating permission becomes invalid due to:

a) unauthorized changes to the device or accessories which have not been approved or carried out by the manufacturer or its partners

b) opening the device's frame

c) device's repairs carried out by one's own

d) improper use / operation

e) brute force to the device (drop, wilful damage, accident etc.)

During installation, please pay attention to all safety relevant and legal directions. The device has only to be installed by trained personnel or similarly qualified people.

Safety Instructions

Installation requires special knowledge.

Do not install the unit yourself. For safe and reliable installation, consult a dealer having special knowledge.

> *• Never use bolts or nuts from the car's safety devices for installation. If bolts or nuts from the steering wheel ,brakes or other safety devices are used for installation of the unit, it may cause an accident.*
>
> *•Use the unit with a DC 12V negative ground car. This unit cannot be used in large trucks which use a DC 24V battery. If it is used with a DC 24V battery, it may cause a fire or accident.*
>
> *• Avoid installing the unit in following places: - Where it would hinder your safe driving. - Where it could damage the car's fittings.*
>
> *• This unit is only for use in the following vehicles. Only connections described within this instruction guide are allowed or required to use for installation.*
>
> *• For damage impact caused by faulty installation, unsuitable connections inappropriate vehicles Kufatec GmbH assumes no liability.*
>
> *• We advise you that these units process datas out of the MOST - protocol from the vehicle. As the supplier of this device we don't know the overall system you are working with. If our device causes damage due to other changes made by to the vehicle Kufatec GmbH assumes no liability.*
>
> *• Kufatec GmbH supplier do not guaranty the use of the product for changing's within a new vehicle series.*
>
> *• If the car manufacturer's don't agree with the installation of our device by reason of warranty the Kufatec GmbH assumes no liability. Please check conditions and warranty before you begin the installation.*
>
> *• Kufatec GmbH supplier reserves the right to change the device specifications without notice.*

NOTE: The road traffic has to have your full attention.

Telephone operations should only be done by suitable traffic and weather situations. The volume need to be set that you are still able to realise acoustic warn signals (Police, fire brigade).

> *• Errors and changes excepted.*

References of legal regulations for operation

Only use this unit in the intended domain.

If you use it in a foreign domain, if the unit is not installed properly, or if the unit will be reconstructed, the guarantee will expire.
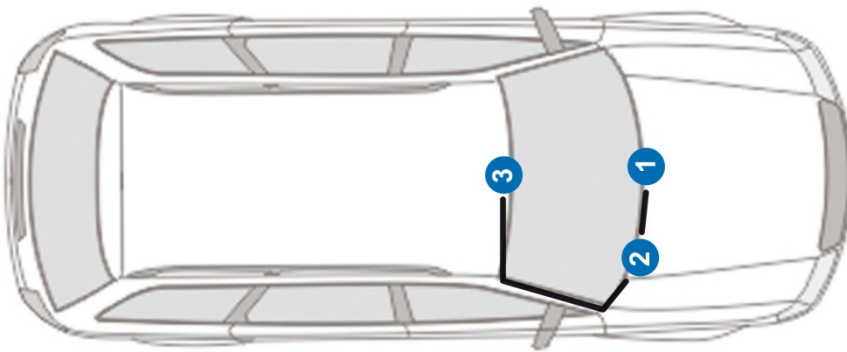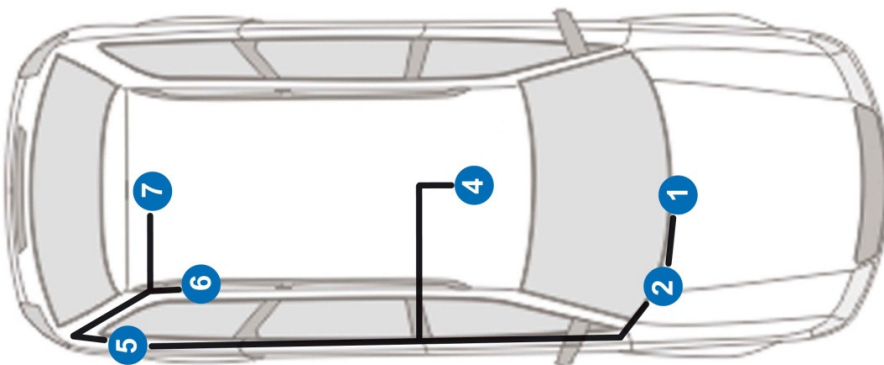
Installation instruction

Fig. 1

1 – MMI 3G main unit A4 8K, A5 8T, Q5 8R, Q7 4L   **2 – MMI 3G A6 4F, A8 4E**

3 – Microphone (Interior light)

Installation instruction – Additional charging cradle

4 – Armrest   **5 – Telephone booster**

6 – FAKRA GSM connecter (For vehicles with factory fitted areal)

7 – Areal

Audi A4 8K, A5 8T, Q5 8R, Q7 4L

Loosen the necessary screws of the glove box (Fig. 2 - 4). Disconnect the original wiring of the CD/AMI device (if available).

Fig. 2

Fig. 3

Fig. 4

Remove the MMI 3G main unit of the centre console using suitable tools (Fig. 5). Disconnect the original wiring. Start wiring the loom for the microphone (Fig. 6) towards the interior light.

Fig. 5

Fig. 6

Remove the airbag sign by using suitable tools (in order to avoid damages) and loose the screw located behind (Fig. 7).

Fig. 7

Fig. 8

Fig. 9

NOTE: Does the vehicle have airbags fitted along the A-column it is essential to wire the loom for the microphone **BEHIND** the airbag. Wire the loom without putting tension on it. Mount the loom without affecting the airbag in it's functionality.

Open the storage of the interior light and loose the screw (Fig. 10). Mount the microphone on the original location within the interior light – driver's side (Fig. 12).
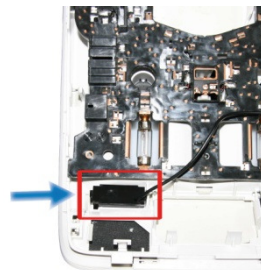

Fig. 10

Fig. 11

Fig. 12

Audi A6 4F

Loosen the necessary screws of the glove box (Fig. 13, 14). Disconnect the original wiring of the 3G main unit.
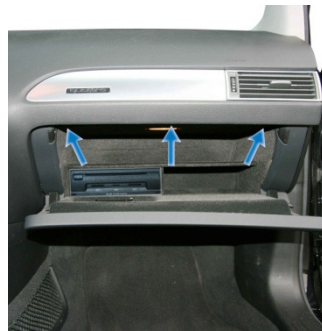

Fig. 13

Fig. 14

Start wiring the loom for the microphone towards the interior light (Fig. 15 - 17).

Fig. 15

Fig. 16

Fig. 17

NOTE: Does the vehicle have airbags fitted along the A-column it is essential to wire the loom for the microphone **BEHIND** the airbag. Wire the loom without putting tension on it. Mount the loom without affecting the airbag in it's functionality.

Mount the microphone on the original location within the interior light – driver's side (Fig. 19).
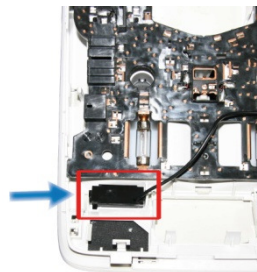

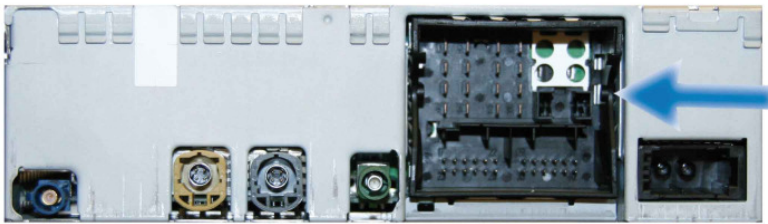Fig. 18

Fig. 19

Microphone

MMI 3G main unit

Fig. 20

Wire the microphone loom (Fig. 21) towards the main unit. With the connection of 2 new wires you will complete the fitting to the Quad-lock-connector.
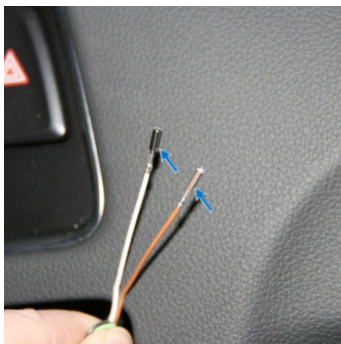
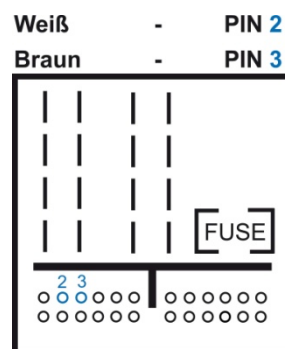## White – PIN 2   Brown – PIN 3

Fig. 21

| Weiß | - | PIN 2 |
| Braun | - | PIN 3 |

Fig. 22

Add on for charging cradle

Audi Q7 4L – Can be varify to other models

Remove the vents in the back (Fig. 23). Remove the cover gently (Fig. 24). Loose the screw behind (Fig. 25).

Fig. 23

Fig. 24

Fig. 25

Remove the insert of the armrest and loose the 4 screws below (Fig. 26). Turn the armrest around and place it on a soft surface. Storage compartment can be seperated.

Fig. 26

Fig. 27

The upper part of the armrest needs to be cut (Fig. 28). Wire the loom through and mount the board (Fig. 29).
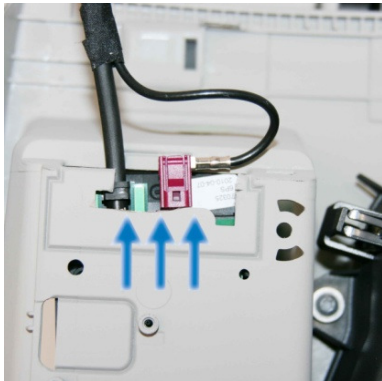

Fig. 28

Fig. 29

Loosen 6 screws of the rack and remove it (Fig. 30). Wire the loom through the gap and fit the rack back again (Fig. 31)
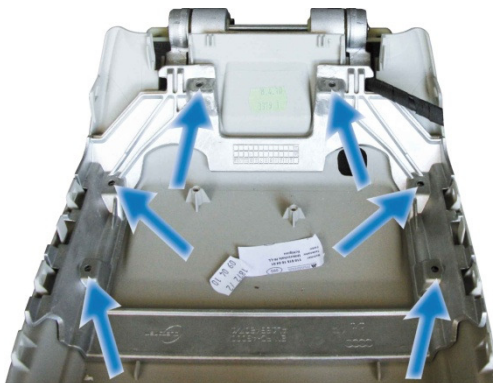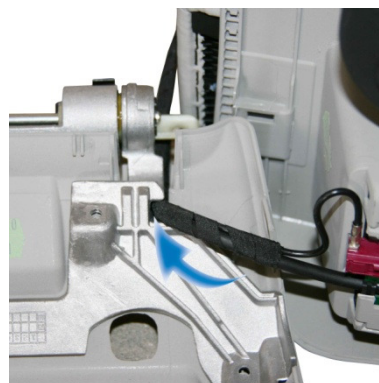

Fig. 30

Fig. 31

Remove the upper cover of the trunk (Fig. 32). Loose the needed screws of the cover of the D-column cover as well as the trunk cover on the right hand side (Fig. 33, 34).
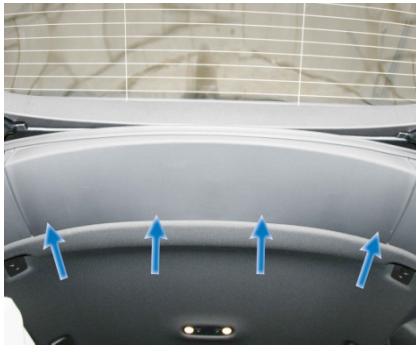

Fig.32

Fig.33

Fig.34

NOTE: For vehicles (Q7 4L) with factory fitted areal the GSM connector is located between C and D column (Fig. 35). For vehicles without areal it has to be fitted as well.

Anschluss GSM Antenne.
Nur für Fzg. mit Dachantenne
Fig. 35

Fig. 36

Connection FAKRA looms:

FAKRA loom **SHORT**:   Areal   >>>   Booster (Violet)

FAKRA loom **LONG**:   Booster (Black)   >>>   Armrest
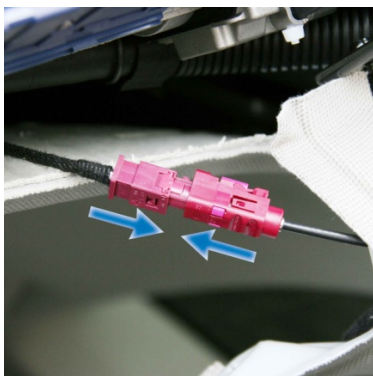

Fig.37

Fig.38

Fig. 39

Fit the booster behind the cover of the trunk.

Start wiring the loom towards the front of the vehicle (Fig. 41). Remove the needed covers of the vehicle (Fig. 40).

Fig. 40

Fig. 41

Wire the connections of the armrest **UNDERNEATH** the carpet (Fig. 42).

Fig. 42

Fig. 43

Wire the looms towards the **MMI 3G main unit**.
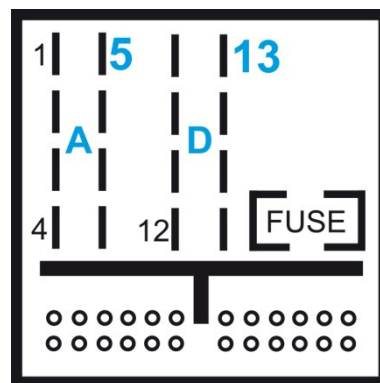
A – PIN 5   D – PIN 13

Fig. 44

Fig. 45

NOTE: In case the PIN's have already been taken >>> complete a connection by soldering
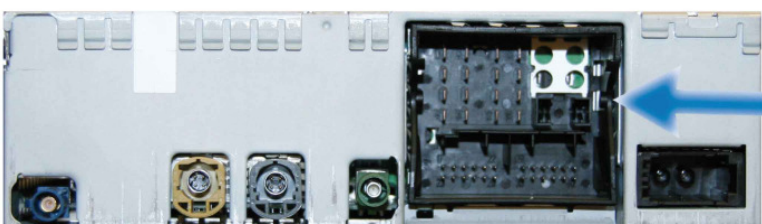

Fig. 46

The Red/ White loom needs to be connected to the fuse box (Fig. 47). Please check before which fuse carrier supplies **IGNITION PLUS**.

Please connect the brown wire to the **GROUND POINT** located on the A-column (Fig. 48).
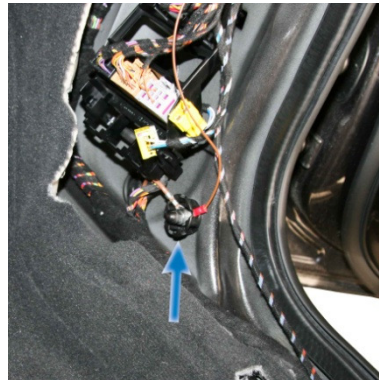

Fig. 47

Fig. 48

Diagnostic interface

NOTE:	The installation has to be finished before coding by using the diagnostic interface. The coding dongle is just suitable for one vehicle.

An integrated **LED** light will show the current status of the diagnostic interface.
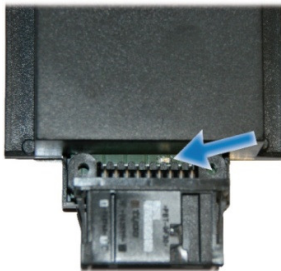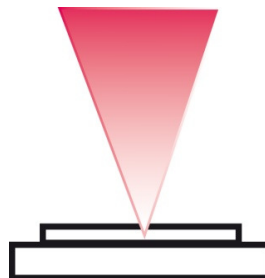

Fig. 49

Fig. 50 (LED)

Coding

1. After installation please check the connections again.

2. **Turn the ignition to ON** – wait another 30 seconds - put the interface into your car's OBD connection. The OBD-connection is located in the driverside's footwell close to the upper cover (Fig. 51).

Fig. 51

3. Once the coding has started the **LED** will give a **constant** light.

⚠️ ⚠️ | **ATTENTION:** ONCE THE INTERFACE IS CONNECTED (LED ON) THE INTERFACE MUST NOT BE DISCONNECTED BEFORE FINISHING THE WHOLE CODING PROCESS!

⚠️ ⚠️ | **ATTENTION:** RE-USE THE INTERFACE AGAIN ONLY IN CASE OF INCOMPLETED CODING PROCESS.

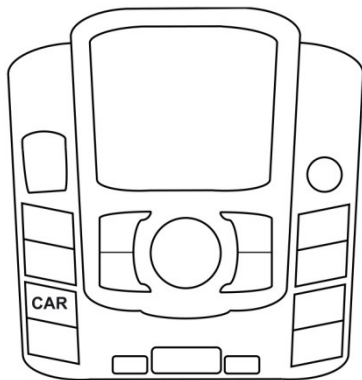4. Push the **CAR** button (Fig. 52). Fig. 53 will appear into the MMI screen.

Fig. 52

Car

Audi drive select individual ▷
Einparkhilfe ▷
Ölstand ▷
Service Intervall Anzeige ▷
Scheibenwischer ▷
Kombiinstrument ▷

12:00

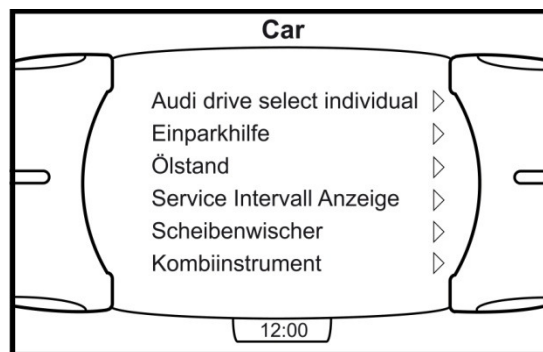Fig. 53

5. Push the buttons (Fig. 54) **SETUP + (shortly after) CAR** and **keep** them until Fig. 55 will appear into MMI screen.

6. Select **DIAGNOSE**

Fig. 54

EM (0.8k) - main (0>28:9:0)

version	▷
addressbook	▷
aevtest	▷
audiomanagement	▷
bluetooth	▷
browser	▷
bths	▷
car	▷
config	▷
▶ diagnose	▷
dtc	▷
eepromflags	▷

Fig. 55

7. Select **SETTINGS**
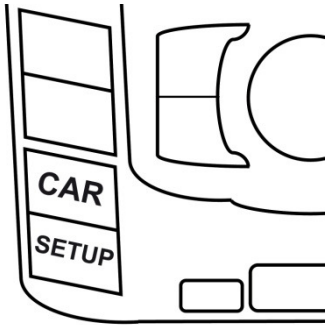
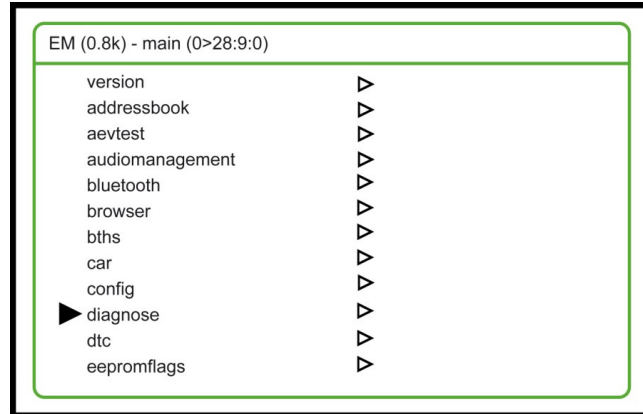EM (0.8k) - main/diagnose (56>8:9:8)

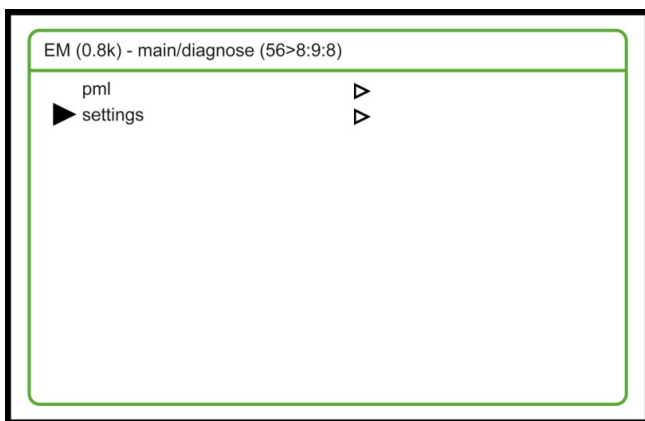|	
pml	▷
▶ settings	▷

Fig. 56

⚠️ **ATTENTION:** THE FOLLOWING STEPS (Steps 8/ 9) WILL BE DIFFERENT FOR AUDI **A8 4H**. PLEASE CHECK **STEP 8/ 9** BEFORE PROCEEDING!!! ⚠️

Audi A4 8K, A5 8T, A6 4F, Q5 8R

8. Select **TEL SETTINGS MISC:** – Push the rotate controller.

9. Change the current value [no WLAN/no NAD…] to
   [no WLAN/no NAD…] **4/16** – confirm by using rotate controller - **WAIT**

```
EM (0.8k) - main/diagnose/settings (58>22:9:0)

      active HDD Nav DB            [EU] 3/13
      import multimedia            [Copy/no Ripping] 3/4
      AMI/AUX                      [AUX/no AMI BT/no AMI] 4/8
      Delay ref sign (ms)                   0
      Mic sensibility:             [0 dB] 2/3
    ▶ Tel settings misc:           [no WLAN/no NAD/BT/HFP] 4/16
      Microphones                  [Microphone 2 connected] 3/6
      Displays                     [No RSE display connected] 2/4
```
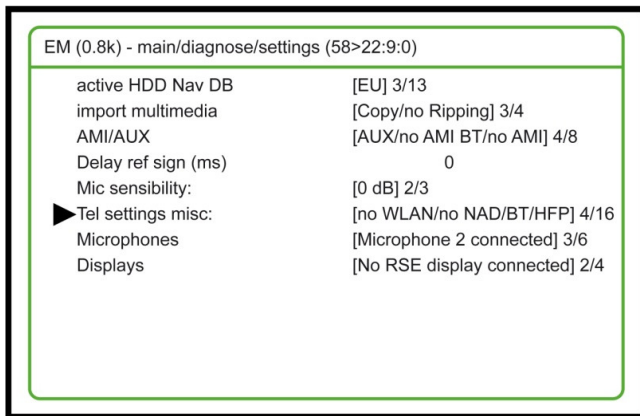Fig. 57

Audi A8 4H

8. Select **TEL SETTINGS MISC:** – Push the rotate controller.

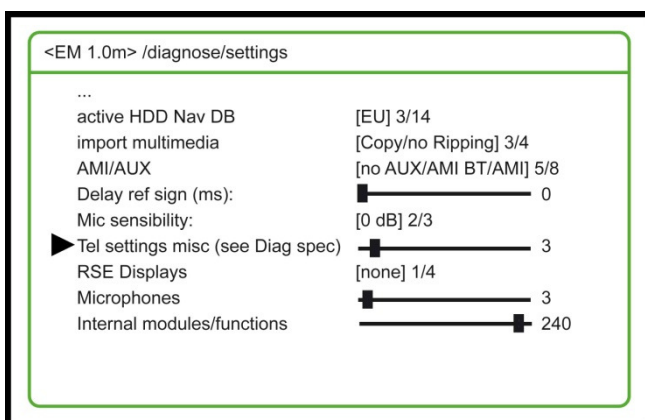9. Change the current value to **3** – confirm by using rotate controller - **WAIT**

```
<EM 1.0m> /diagnose/settings

      ...
      active HDD Nav DB            [EU] 3/14
      import multimedia            [Copy/no Ripping] 3/4
      AMI/AUX                      [no AUX/AMI BT/AMI] 5/8
      Delay ref sign (ms):         ▮——————— 0
      Mic sensibility:             [0 dB] 2/3
    ▶ Tel settings misc (see Diag spec)  ▮—————— 3
      RSE Displays                 [none] 1/4
      Microphones                  ▮—————— 3
      Internal modules/functions   ——————▮ 240
```
Fig. 58

10. The system will complete a **re-start.** Fig. 59 will appear into the screen.

```
              Telephone
                Note

        Telephone not available


             12:00
```
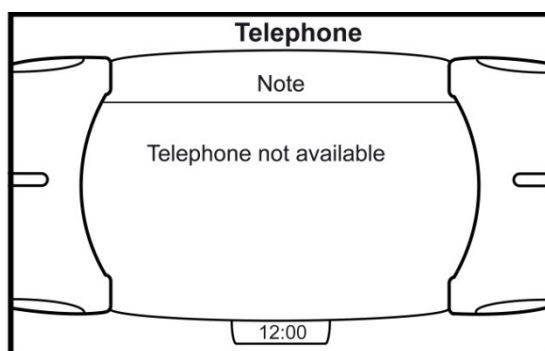Fig. 59

11. **Disconnect** the diagnostic **interface**.

⚠ **ATTENTION:** THE LED HAS TO BE OFF BEFORE DISCONNECTING. ⚠

Fig. 60

12. Push the marked buttons **(X) at the same time** Fig. 61. The system will complete an MMI **RESET**. After reset Fig. 62 will appear into MMI screen.
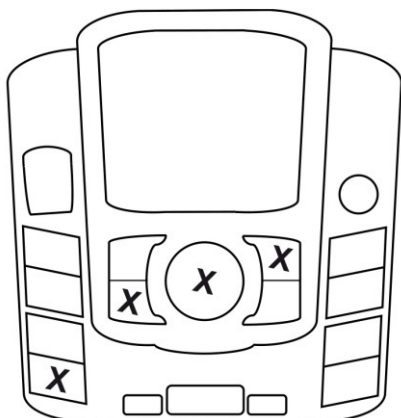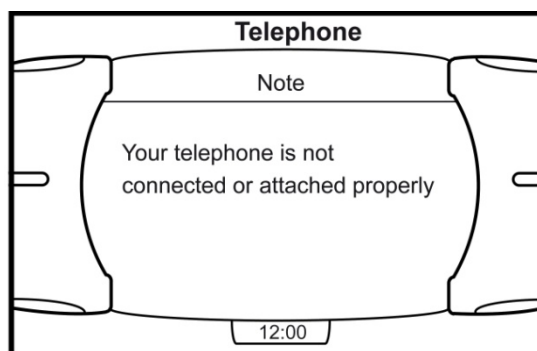

Fig. 61

Telephone

Note

Your telephone is not connected or attached properly

12:00

Fig. 62

⚠ **NOTE:** In case the Bluetooth function get lost after completing a software update or backup documentation the interface can be used again. (only suitable for that vehicle the interface has been connected to the very first time). ⚠