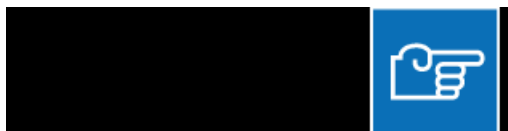
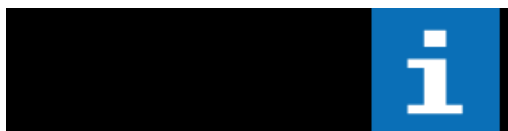


**Attention!**

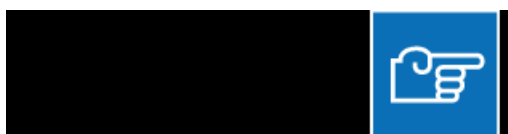
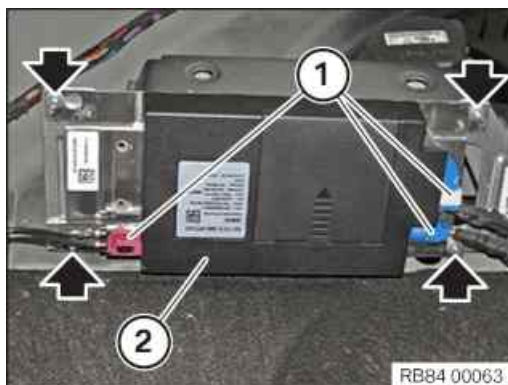
Observe the [information on protection from electrostatic discharge](#).



Comply with notes and instructions on [handling optical fibre](#).

**Necessary preliminary work:**

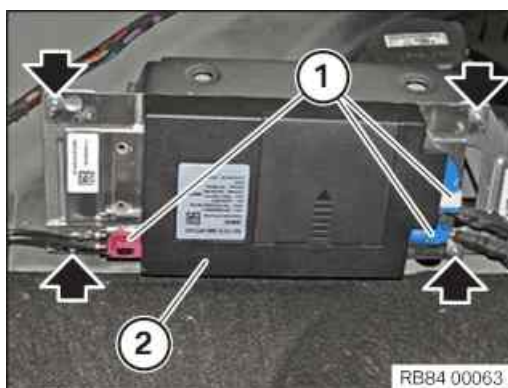
- Disconnect [battery earth lead](#)
- Remove [luggage compartment wheel arch panel on left](#).

**Removal:**

Unlock and disconnect all connectors (1).

Release all nuts.

Remove telematics control unit (2).

**Installation:**

Install telematics control unit (2).

Tighten nuts.

Tightening torque [84 10 1AZ](#).

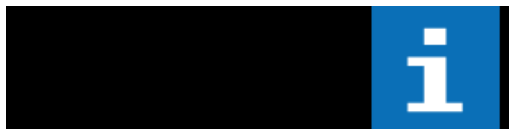
Connect all connectors (1).



Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new part is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)



Required reworking:

- Connect [battery earth lead](#)
- Install [luggage compartment wheel arch panel, left](#)



Replacement:

- Carry out [vehicle programming/encoding](#).



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply with notes and instructions on [handling optical fibre](#).

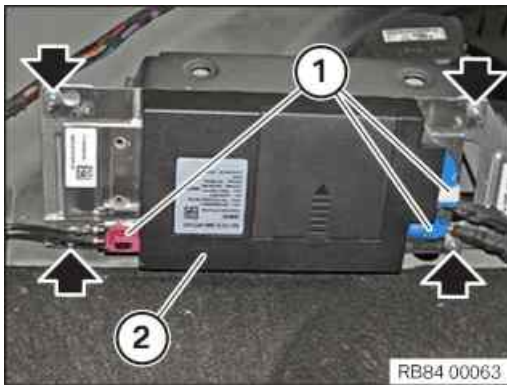


Necessary preliminary work:

- Disconnect [battery earth lead](#)
- Remove [luggage compartment wheel arch panel on left](#).



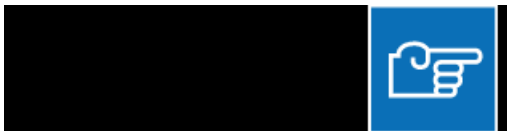
Removal:



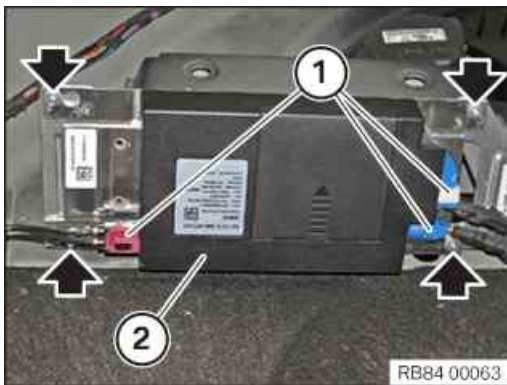
Unlock and disconnect all connectors (1).

Release all nuts.

Remove TCB (2).



Installation:



Install TCB (2)

Tighten nuts.

Tightening torque [84 10 1AZ](#).

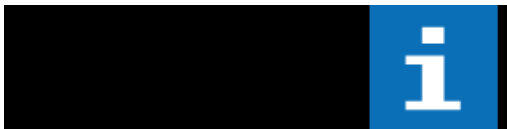
Connect all connectors (1).



Note:

When replacing the TCB, check whether the faulty TCB is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- if yes., then the new part should be equipped with a new emergency battery (ordered separately, TCB is supplied without an emergency battery!)



Required reworking:

- Connect [battery earth lead](#)
- Install [luggage compartment wheel arch panel, left](#)



Replacement:

- Carry out [vehicle programming/encoding](#).

84 10 832 Removing and installing telematics control unit under headlining (with panorama glass roof)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

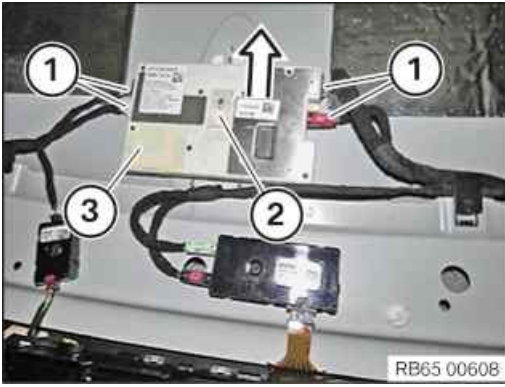


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Lower [roofliner](#)



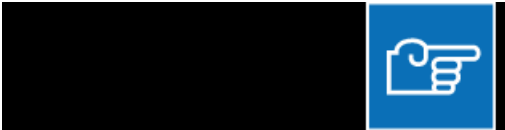
Removal:



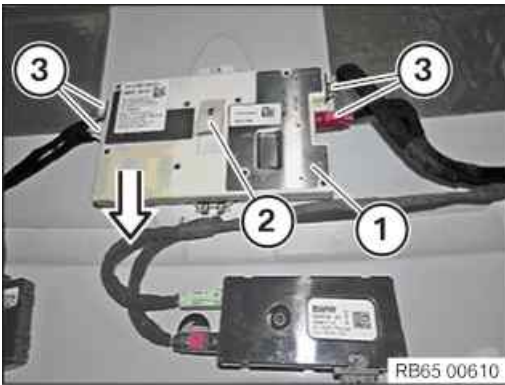
Unlock and disconnect the connector (1).

Unlock the lock (2) downwards.

Slide the telematics control unit (3) in direction of arrow and remove.



Installation:



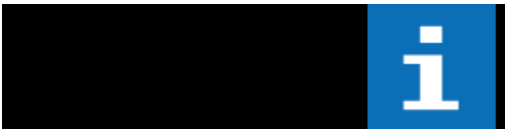
Correctly position the telematics control unit (1).

Slide the lock (2) in direction of arrow and lock.

Insert and connect connector (3).

Installation note:

Note colour coding of connector.



Required reworking:

- Installing the [headlining](#) (with panorama glass roof)
- Connect [battery earth lead](#)

84 10 830 Removing and installing the telematics control unit in the headlining (without panorama glass roof)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

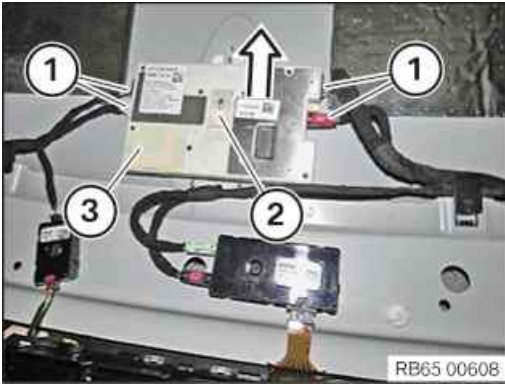


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Lower [roofliner](#)



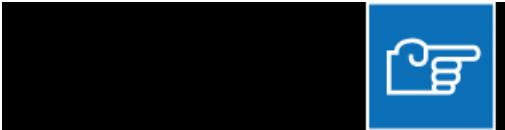
Removal:



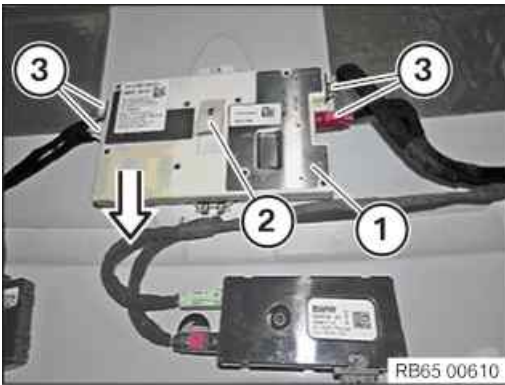
Unlock and disconnect the connector (1).

Unlock the lock (2) downwards.

Slide the telematics control unit (3) in direction of arrow and remove.



Installation:



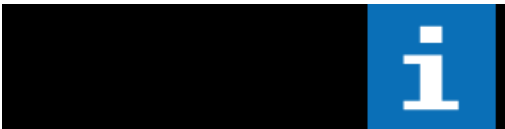
Correctly position the telematics control unit (1).

Slide the lock (2) in direction of arrow and lock.

Insert and connect connector (3).

Installation note:

Note colour coding of connector.



Required reworking:

- Fit the [headlining](#)
- Connect [battery earth lead](#)

84 10 835 Removing and installing the telematics control unit in the luggage compartment (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply with notes and instructions on [handling optical fibre](#).

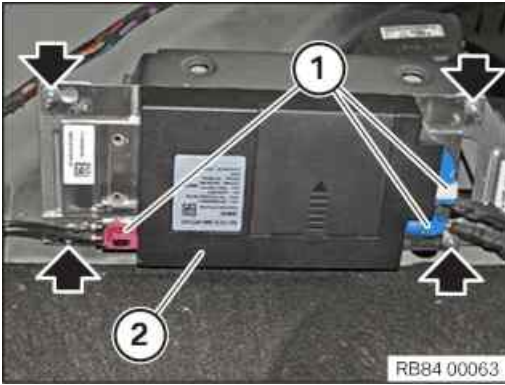


Necessary preliminary tasks:

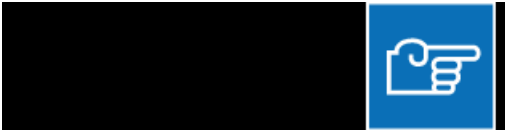
- Disconnect [battery earth lead](#)
- Remove [luggage compartment wheel arch panel on left](#).



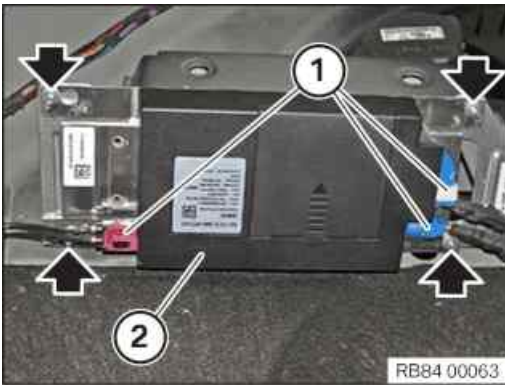
Removal:



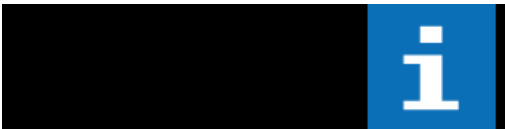
Unlock and disconnect all connectors (1).
Release all nuts.
Remove telematics control unit (2).



Installation:



Install telematics control unit (2).
Tighten nuts.
Tightening torque [84 10 1AZ](#).
Connect all connectors (1).



Required reworking:

- Connect [battery earth lead](#)
- Install [luggage compartment wheel arch panel, left](#)

84 10 840 Removing and installing the telematics control unit in the vehicle interior (behind the glove box)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

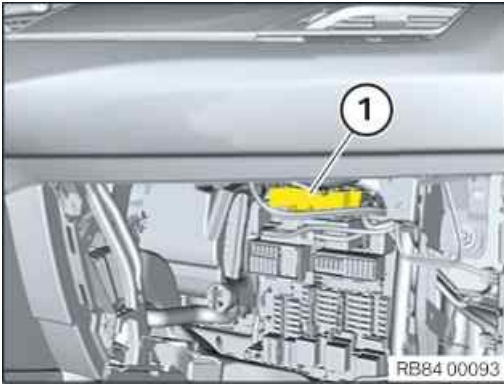


Necessary preliminary tasks:

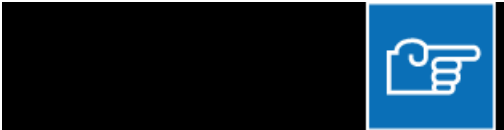
- Disconnect [battery earth lead](#)
- Remove right [glove box](#)



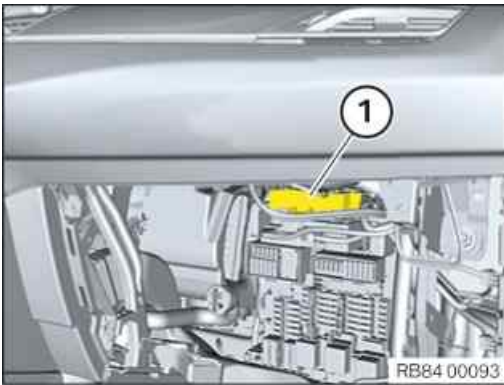
Removal:



Unlock the telematics control unit (1) and remove it from the bracket.
Unlock and disconnect all connectors on telematics control unit (1).
Remove telematics control unit (1).

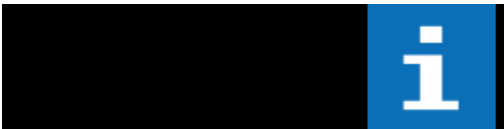


Installation:



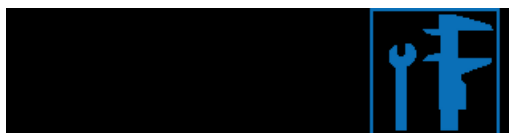
Thread the telematics control unit (1) into the holder and lock it.
Connect and lock all connectors on telematics control unit (1).

Installation note:
Note colour coding of connector.

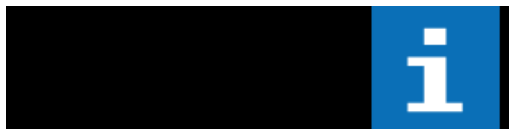


Required reworking:

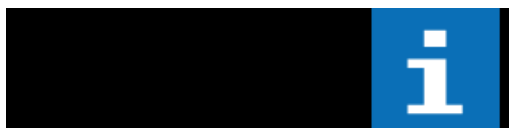
- Install right [glove box](#)
- Connect [battery earth lead](#)

**Special tools required:**

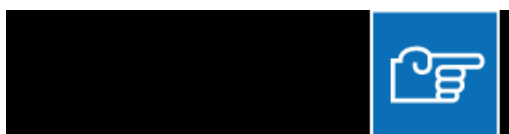
- [00 9 340](#)

**Important!**

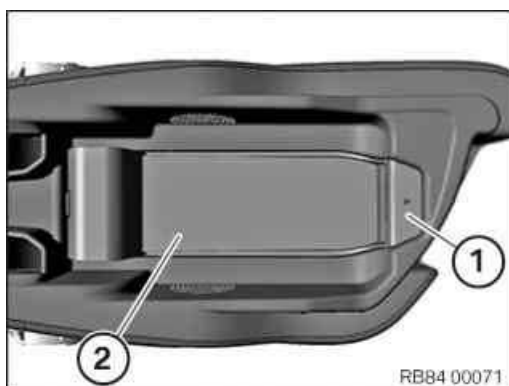
Read and comply with [information on protection against electrostatic discharge](#) !

**Necessary preliminary tasks:**

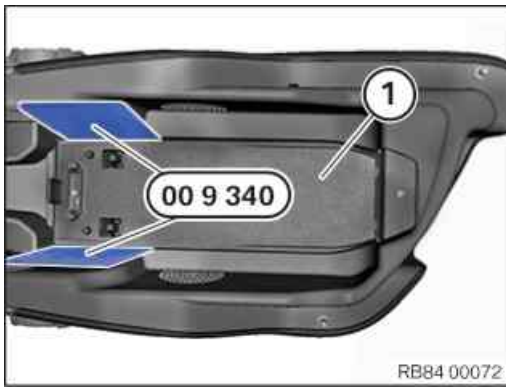
- Remove [centre armrest](#)

**Removal:**

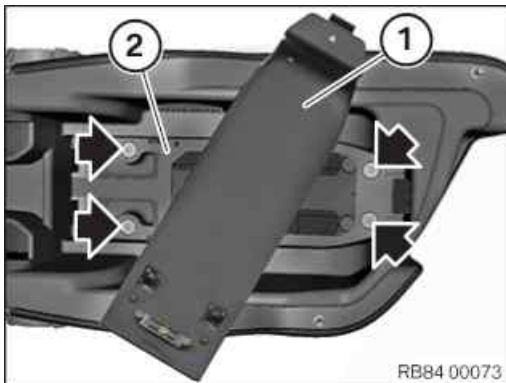
Expose access lines (2) up to base plate (1).



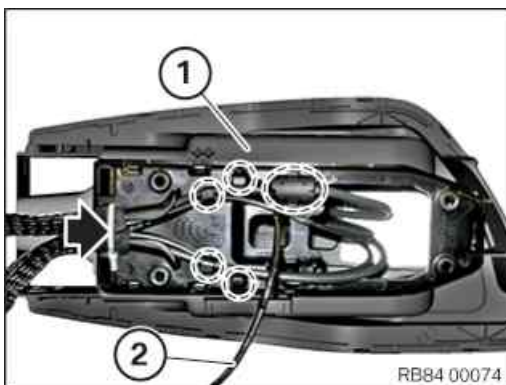
If necessary, press button (1) and remove cover (2).



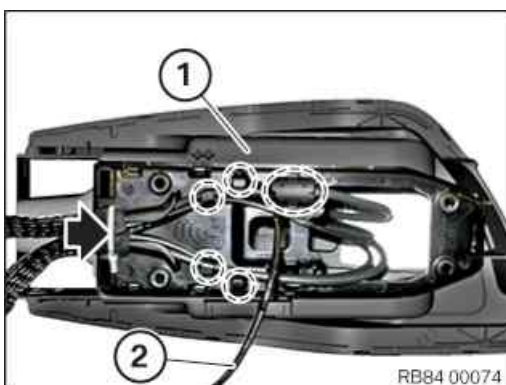
Disengage base plate (1) from centre armrest on both sides with special tools [00 9 340](#) .



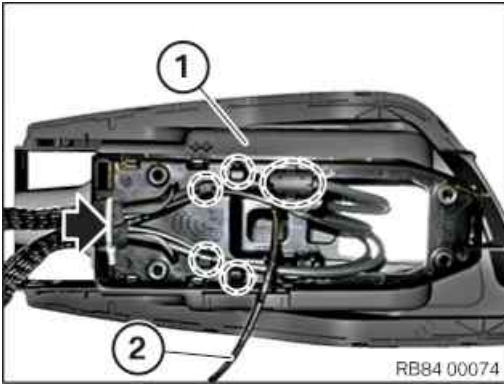
Turn base plate (1) away to the side.
Release screws from upper housing section (2).



Raise upper housing section (1) and release cable straps if necessary.
Unlock and disconnect cable (2) to fan.
Unclip all cables on underside of upper housing section (1).
Thread out all cables and remove base plate.



Installation:



Thread in all cables and base plate.

Clip in all cables on underside of upper housing section (1).

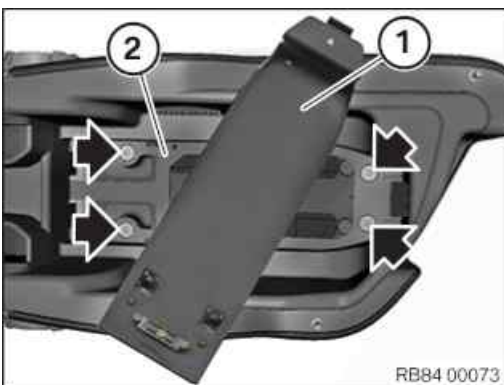
If necessary, fasten cables to upper housing section (1) with cable straps.

Connect cable (2) to fan.



Thread access lines (2) through at centre armrest (1). *Note:*

Make sure access lines (2) are routed correctly.



Tighten screws of upper housing section (2).

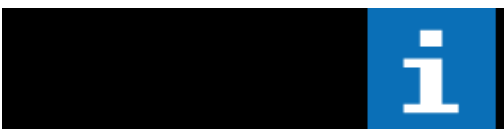
Join base plate (1) in upper housing section (2).

Note:

Make sure base plate (1) is correctly seated and locked in upper housing section (2).



If necessary, join cover (2) in base plate (1).



Required follow-up work:

- Install [centre armrest](#)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).

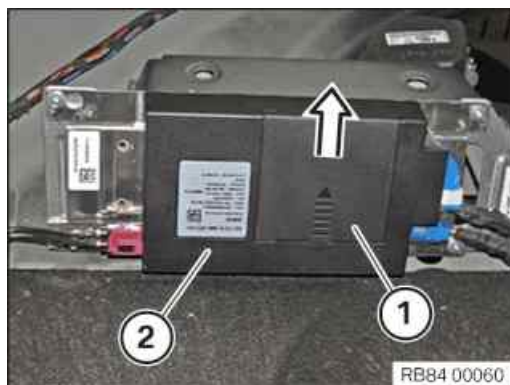


Necessary preliminary work:

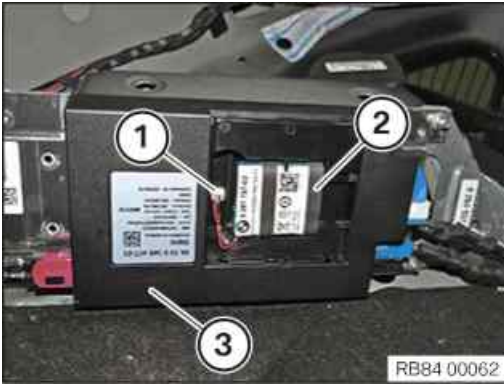
- Remove [luggage compartment wheel arch panel on left](#).



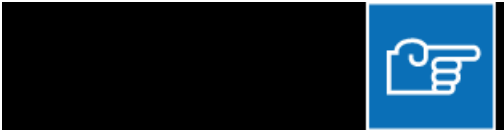
Removal:



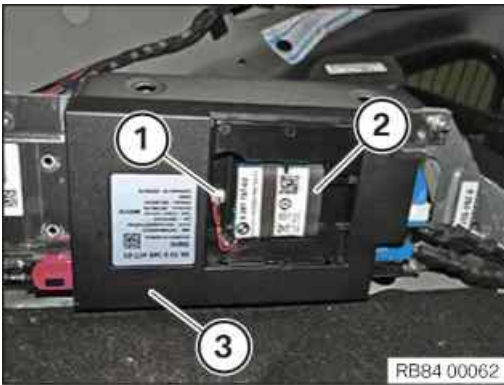
Open lid (1) on TCB (2) in direction of arrow.



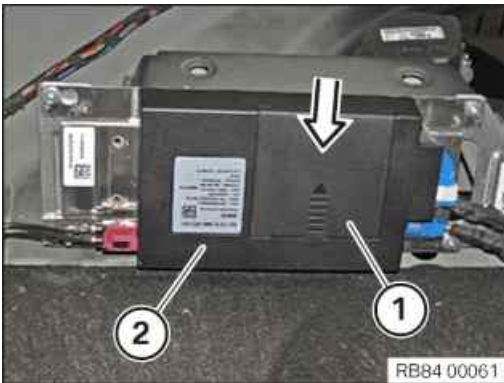
Disconnect connector (1).
Remove emergency battery (2) from TCB (3).



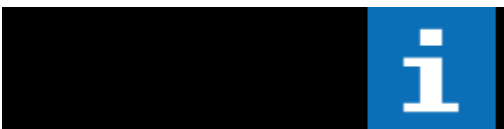
Installation:



Connect the connector (1).
Insert emergency battery (2) into TCB (3).



Close lid (1) on TCB (2) in direction of arrow.



Required reworking:

- Install [luggage compartment wheel arch panel, left](#)

84 10 860 Replacing telematics control unit in the vehicle interior (behind the glove box) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

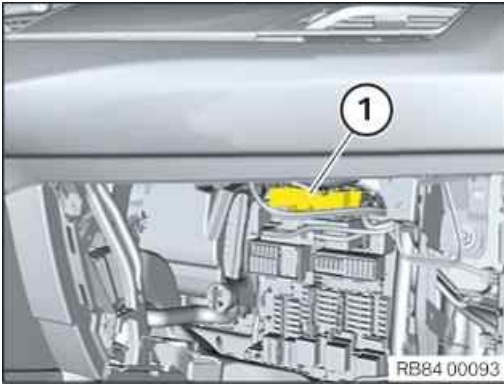


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Remove right [glove box](#)



Removal:



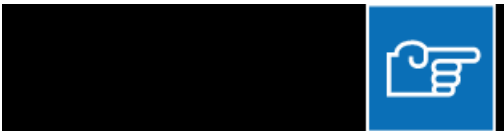
Unplug telematics control unit (1) and carefully thread it out from the holder.
Unlock and disconnect all connectors on telematics control unit (1).
Remove telematics control unit (1).



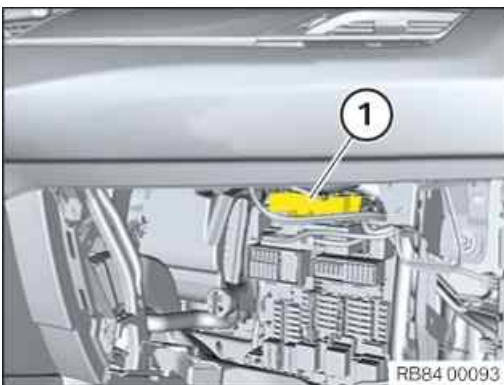
Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new part is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)

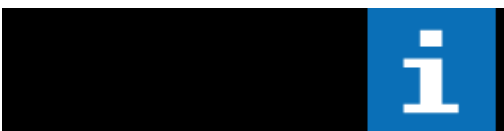


Installation:



Position telematics control unit (1).
Connect and lock all connectors on telematics control unit (1).
Thread the telematics control unit (1) into the holder and lock it.

Installation note:
Note colour coding of connector.



Required reworking:

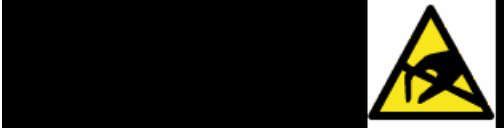
- Install right [glove box](#)
- Connect [battery earth lead](#)



Replacement:

- Carry out [programming/encoding](#)

84 10 522 Replacing the emergency battery for telematics control unit under the headlining (with panorama glass roof) (after vehicle diagnosis)



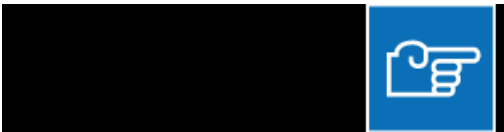
Attention!

Observe the [information on protection from electrostatic discharge](#).

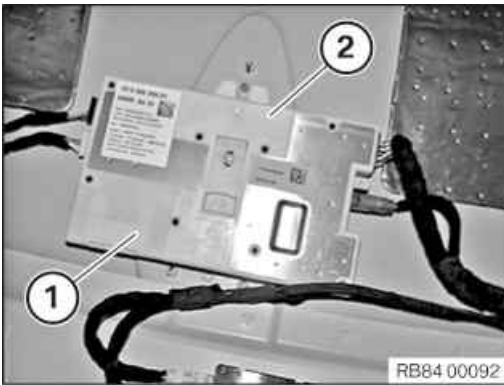


Necessary preliminary tasks:

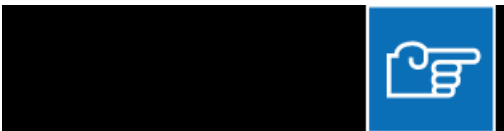
- Remove [headlining](#)



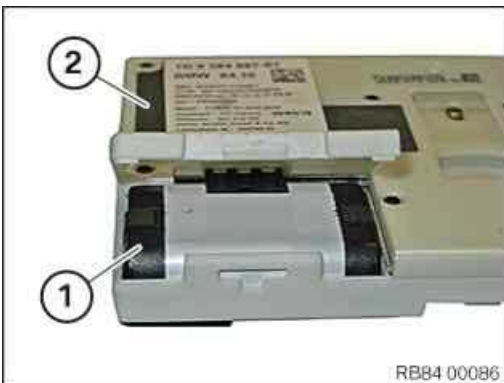
Removal:



Unlock and open the battery compartment (1) on the telematics control unit (2).



Installation:



Remove the emergency battery (1) from the battery compartment and replace it.

Close the battery compartment on the telematics control unit (2).



Required reworking:

- Fit the [headlining](#)

84 10 515 Replacing the emergency battery for the telematics control unit in the luggage compartment (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).

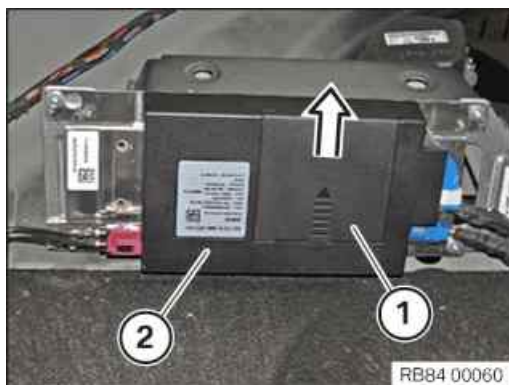


Necessary preliminary tasks:

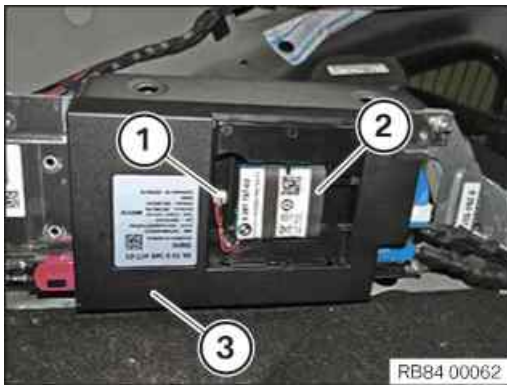
- Remove [luggage compartment wheel arch panel on left](#).



Removal:

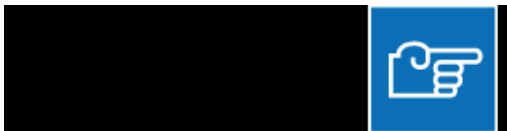


Open the cover (1) on the telematics control unit (2) in the direction of the arrow.

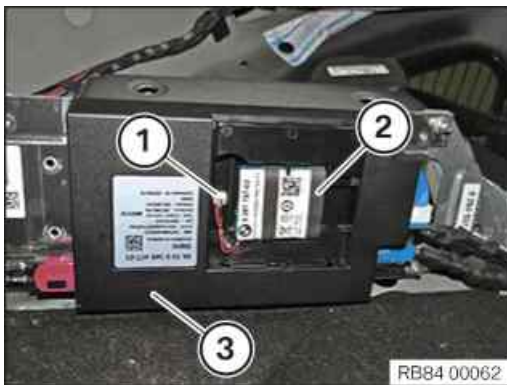


Disconnect connector (1).

Remove emergency battery (2) from telematics control unit (3).

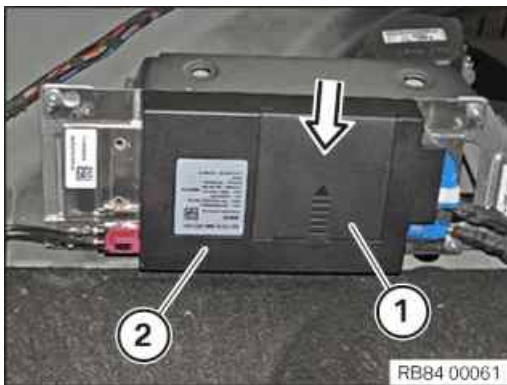


Installation:

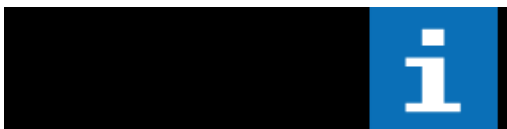


Connect the connector (1).

Join the emergency battery (2) with the telematics control unit (3).



Close the cover (1) on the telematics control unit (2) in the direction of the arrow.



Required reworking:

- Install [luggage compartment wheel arch panel, left](#)

84 10 530 Replacing the emergency battery for the telematics control unit in the vehicle interior (behind the glove box) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).

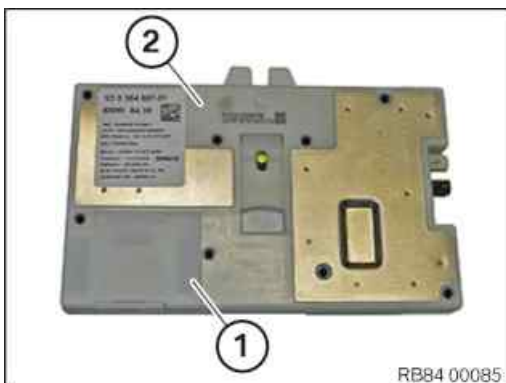


Necessary preliminary tasks:

- Remove the [telematics control unit](#)



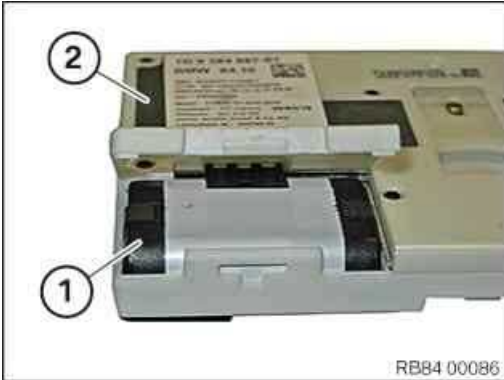
Removal:



Unlock and open the battery compartment (1) on the telematics control unit (2).

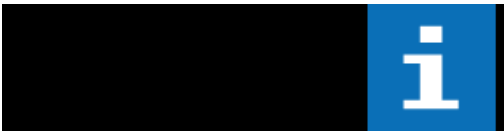


Installation:



Remove the emergency battery (1) from the battery compartment and replace it.

Close the battery compartment on the telematics control unit (2).



Necessary preliminary tasks:

- Install the [telematics control unit](#)

84 10 522 Replacing the telematics control unit emergency battery under the headlining (with panorama glass roof) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).

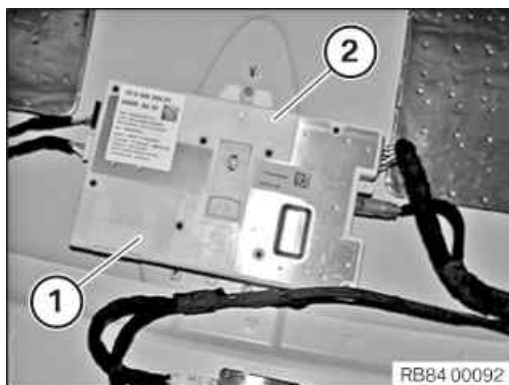


Necessary preliminary tasks:

- Lower [roofliner](#)



Removal:

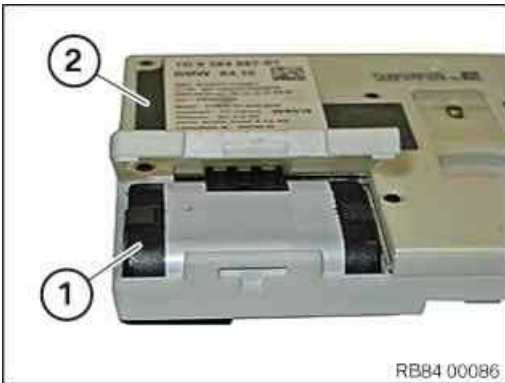


Unlock and open the battery compartment (1) on the telematics control unit (2).

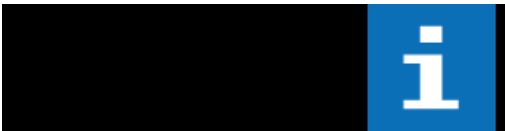
Remove the emergency battery from the battery compartment.



Installation:



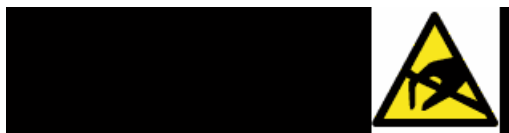
Feed in the emergency battery (1) into the battery compartment. Close the battery compartment on the telematics control unit (2).



Required reworking:

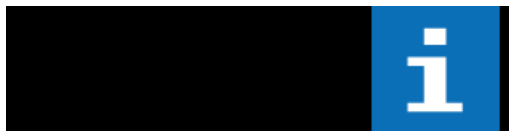
- Fit the [headlining](#)

84 10 520 Replacing the telematics control unit emergency battery under the headlining (without panorama glass roof) (after vehicle diagnosis)



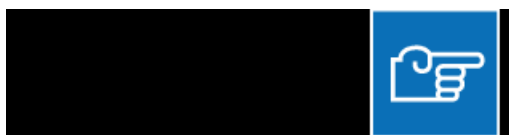
Attention!

Observe the [information on protection from electrostatic discharge](#).

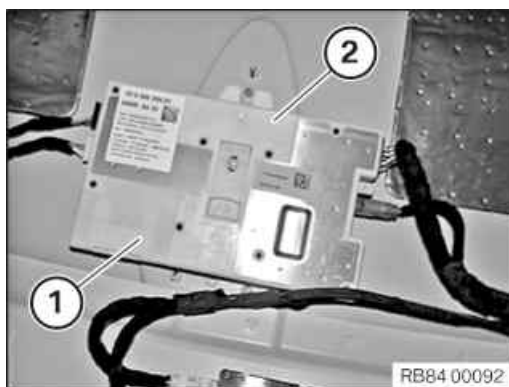


Necessary preliminary tasks:

- Lower [roofliner](#)



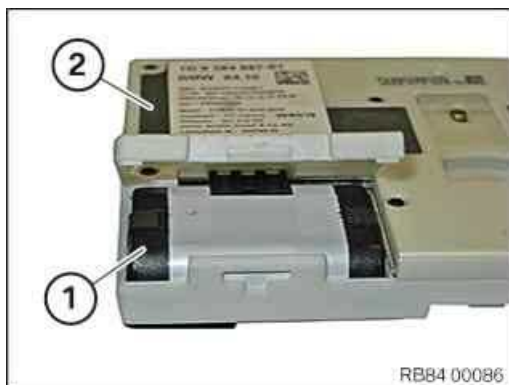
Removal:



Unlock and open the battery compartment (1) on the telematics control unit (2).



Installation:



Remove the emergency battery (1) from the battery compartment and replace it.

Close the battery compartment on the telematics control unit (2).



Required reworking:

- Fit the [headlining](#)

84 10 852 Replacing the telematics control unit in the headlining (with panorama glass roof) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

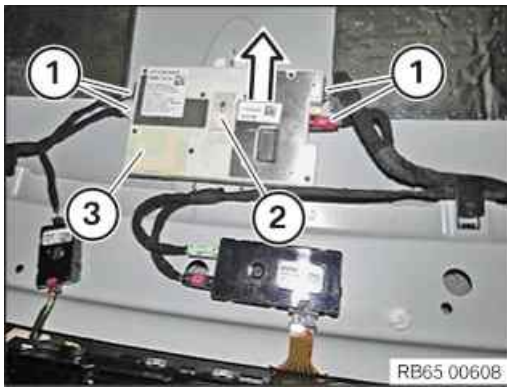


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Lower [roofliner](#)



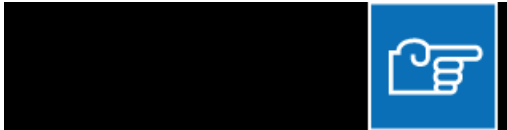
Removal:



Unlock and disconnect the connector (1).

Unlock the lock (2) downwards.

Slide the telematics control unit (3) in direction of arrow and remove.



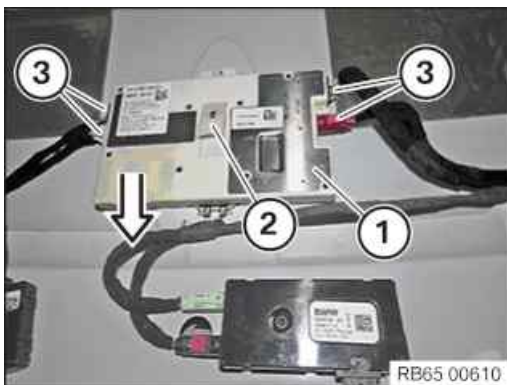
Installation:



Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new parts is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)



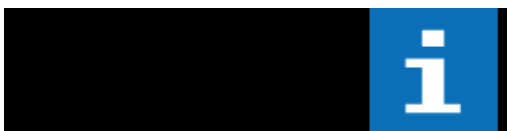
Correctly position the telematics control unit (1).

Slide the lock (2) in direction of arrow and lock.

Insert and connect connector (3).

Installation note:

Note colour coding of connector.



Required reworking:

- Fit the [headlining](#)
- Connect [battery earth lead](#)
- Carry out [vehicle programming/encoding](#)

84 10 850 Replacing the telematics control unit in the headlining (without panorama glass roof) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

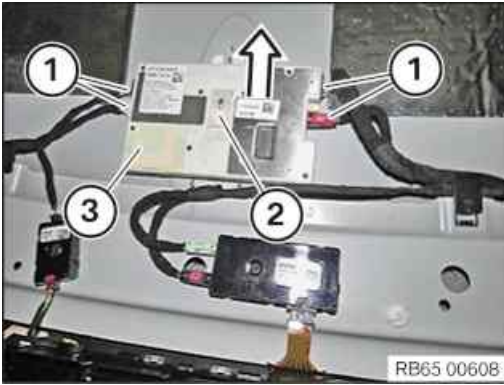


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Lower [roofliner](#)



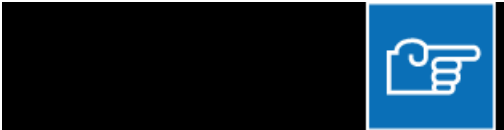
Removal:



Unlock and disconnect the connector (1).

Unlock the lock (2) downwards.

Slide the telematics control unit (3) in direction of arrow and remove.



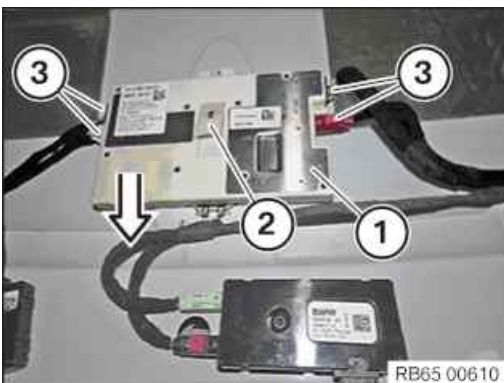
Installation:



Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new parts is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)



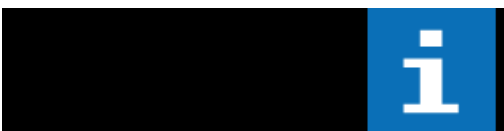
Correctly position the telematics control unit (1).

Slide the lock (2) in direction of arrow and lock.

Insert and connect connector (3).

Installation note:

Note colour coding of connector.



Required reworking:

- Fit the [headlining](#)
- Connect [battery earth lead](#)



Replacement:

- Carry out [programming/encoding](#)

84 10 855 Replacing the telematics control unit in the luggage compartment (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply with notes and instructions on [handling optical fibre](#).

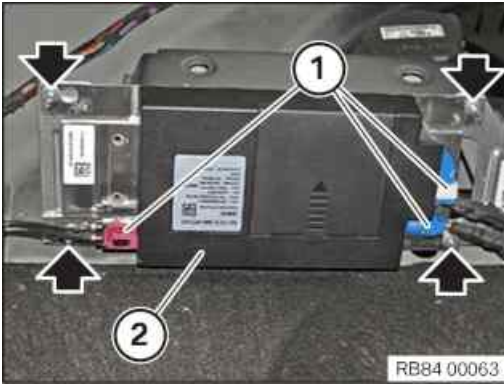


Necessary preliminary tasks:

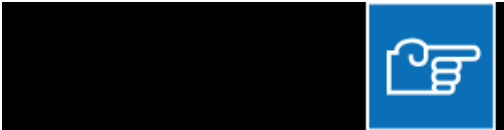
- Disconnect [battery earth lead](#)
- Remove [luggage compartment wheel arch panel on left](#).



Removal:



Unlock and disconnect all connectors (1).
Release all nuts.
Remove telematics control unit (2).



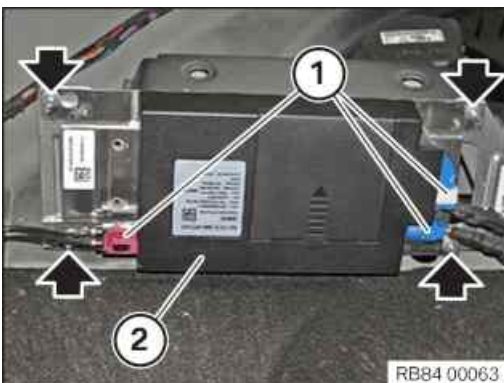
Installation:



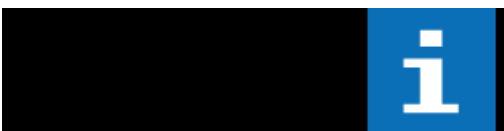
Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new parts is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)



Install telematics control unit (2).
Tighten nuts.
Tightening torque [84 10 1AZ](#).
Connect all connectors (1).

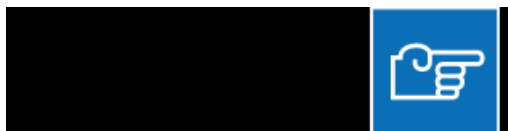


Required reworking:

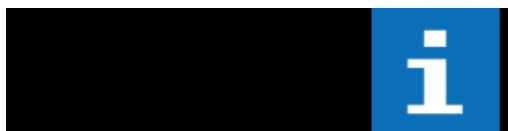
- Connect [battery earth lead](#)
- Install [luggage compartment wheel arch panel, left](#)
- Carry out [programming/encoding](#)

**Attention!**

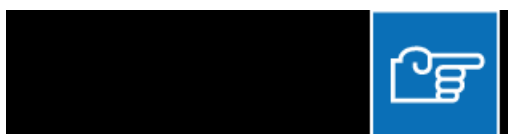
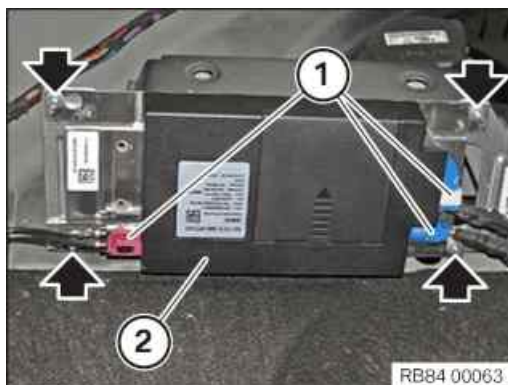
Observe the [information on protection from electrostatic discharge](#).



Comply with notes and instructions on [handling optical fibre](#).

**Necessary preliminary work:**

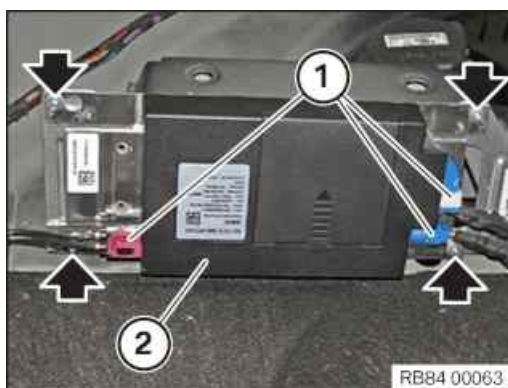
- Disconnect [battery earth lead](#)
- Remove [luggage compartment wheel arch panel on left](#).

**Removal:**

Unlock and disconnect all connectors (1).

Release all nuts.

Remove telematics control unit (2).

**Installation:**

Install telematics control unit (2).

Tighten nuts.

Tightening torque [84 10 1AZ](#).

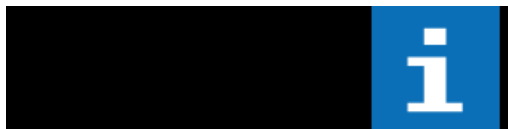
Connect all connectors (1).



Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new part is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)



Required reworking:

- Connect [battery earth lead](#)
- Install [luggage compartment wheel arch panel, left](#)



Replacement:

- Carry out [vehicle programming/encoding](#).



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply with notes and instructions on [handling optical fibre](#).

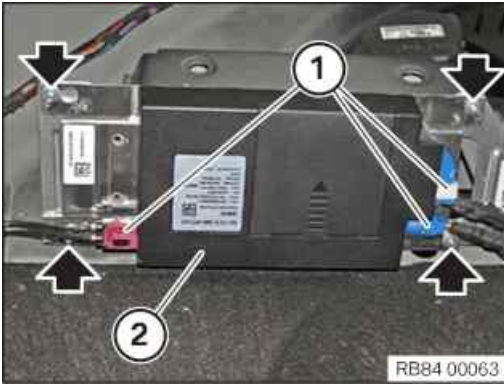


Necessary preliminary work:

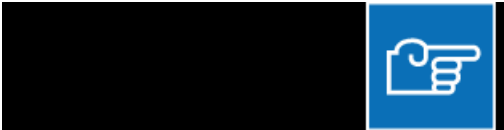
- Disconnect [battery earth lead](#)
- Remove [luggage compartment wheel arch panel on left](#).



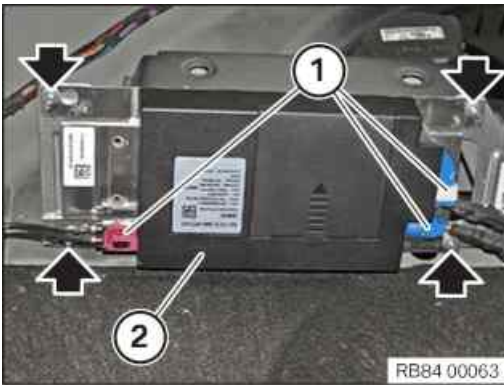
Removal:



Unlock and disconnect all connectors (1).
Release all nuts.
Remove TCB (2).



Installation:



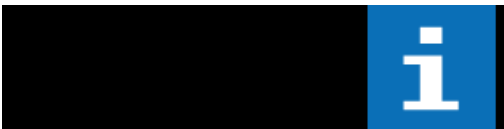
Install TCB (2)
Tighten nuts.
Tightening torque [84 10 1AZ](#).
Connect all connectors (1).



Note:

When replacing the TCB, check whether the faulty TCB is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- if yes., then the new part should be equipped with a new emergency battery (ordered separately, TCB is supplied without an emergency battery!)



Required reworking:

- Connect [battery earth lead](#)
- Install [luggage compartment wheel arch panel, left](#)



Replacement:

- Carry out [vehicle programming/encoding](#).

84 10 832 Removing and installing telematics control unit under headlining (with panorama glass roof)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

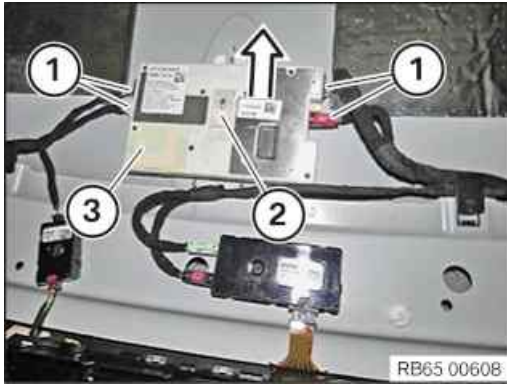


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Lower [roofliner](#)



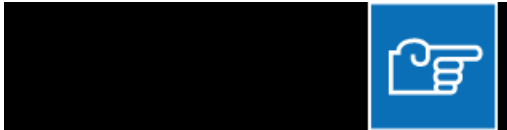
Removal:



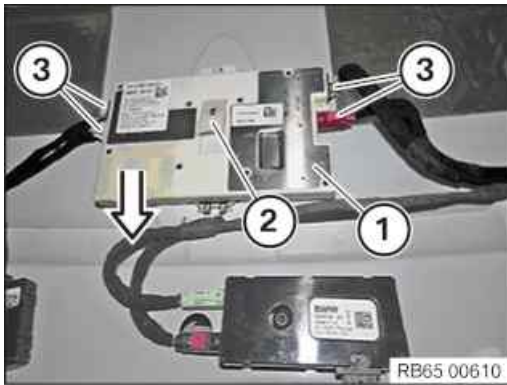
Unlock and disconnect the connector (1).

Unlock the lock (2) downwards.

Slide the telematics control unit (3) in direction of arrow and remove.



Installation:



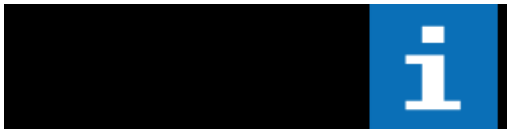
Correctly position the telematics control unit (1).

Slide the lock (2) in direction of arrow and lock.

Insert and connect connector (3).

Installation note:

Note colour coding of connector.



Required reworking:

- Installing the [headlining](#) (with panorama glass roof)
- Connect [battery earth lead](#)

84 10 830 Removing and installing the telematics control unit in the headlining (without panorama glass roof)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

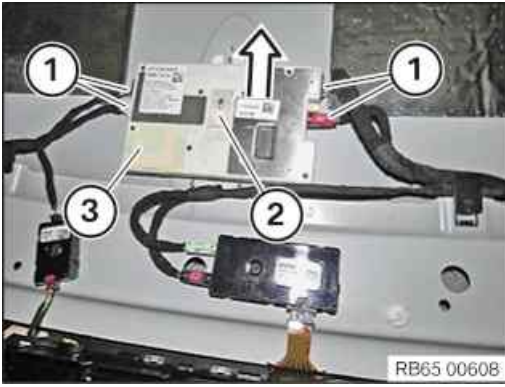


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Lower [roofliner](#)



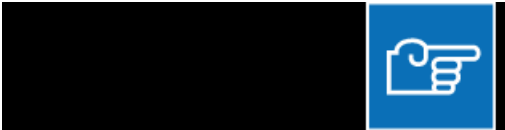
Removal:



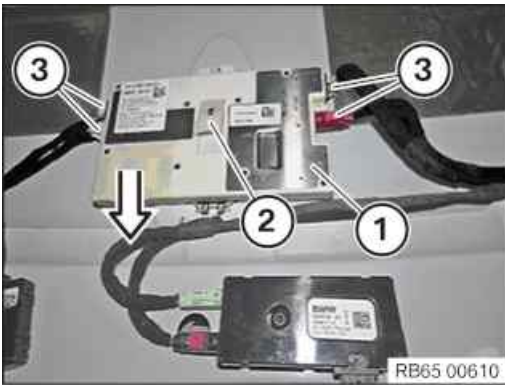
Unlock and disconnect the connector (1).

Unlock the lock (2) downwards.

Slide the telematics control unit (3) in direction of arrow and remove.



Installation:



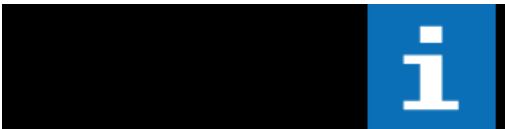
Correctly position the telematics control unit (1).

Slide the lock (2) in direction of arrow and lock.

Insert and connect connector (3).

Installation note:

Note colour coding of connector.



Required reworking:

- Fit the [headlining](#)
- Connect [battery earth lead](#)

84 10 835 Removing and installing the telematics control unit in the luggage compartment (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply with notes and instructions on [handling optical fibre](#).

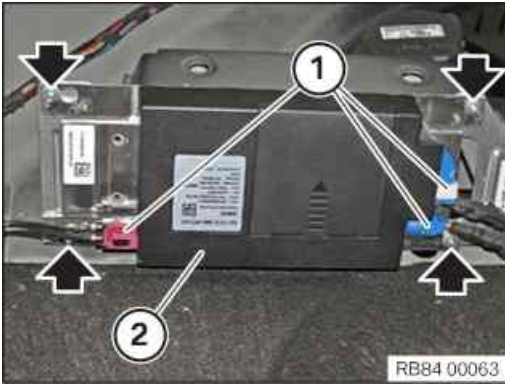


Necessary preliminary tasks:

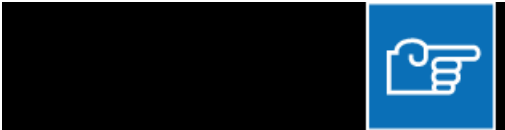
- Disconnect [battery earth lead](#)
- Remove [luggage compartment wheel arch panel on left](#).



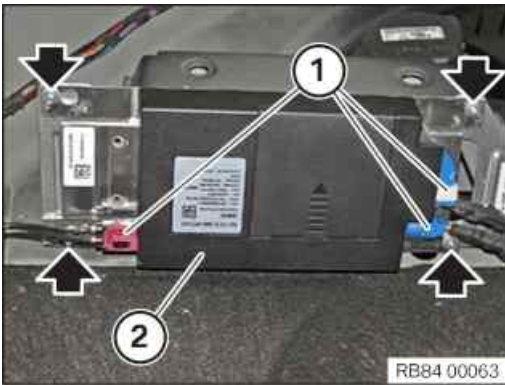
Removal:



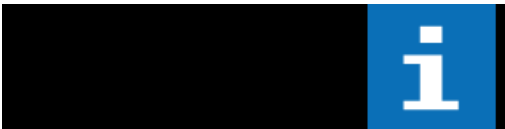
Unlock and disconnect all connectors (1).
Release all nuts.
Remove telematics control unit (2).



Installation:



Install telematics control unit (2).
Tighten nuts.
Tightening torque [84 10 1AZ](#).
Connect all connectors (1).



Required reworking:

- Connect [battery earth lead](#)
- Install [luggage compartment wheel arch panel, left](#)

84 10 840 Removing and installing the telematics control unit in the vehicle interior (behind the glove box)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

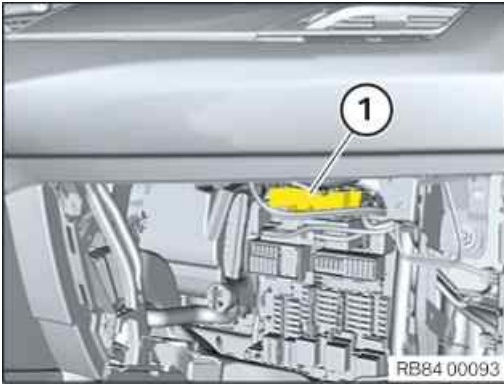


Necessary preliminary tasks:

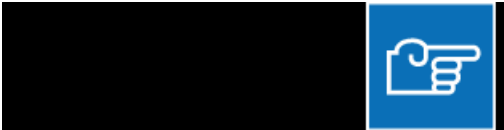
- Disconnect [battery earth lead](#)
- Remove right [glove box](#)



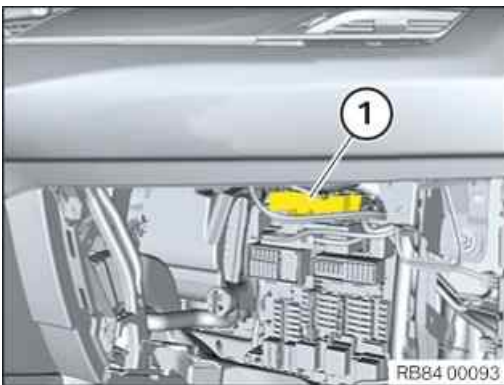
Removal:



Unlock the telematics control unit (1) and remove it from the bracket.
Unlock and disconnect all connectors on telematics control unit (1).
Remove telematics control unit (1).

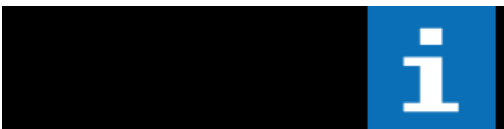


Installation:



Thread the telematics control unit (1) into the holder and lock it.
Connect and lock all connectors on telematics control unit (1).

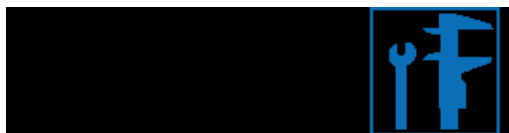
Installation note:
Note colour coding of connector.



Required reworking:

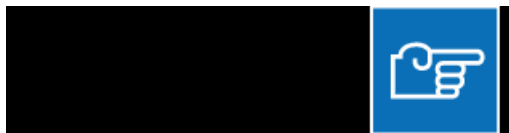
- Install right [glove box](#)
- Connect [battery earth lead](#)

84 31 550 Removing and installing/replacing hands-free microphone, driver's side

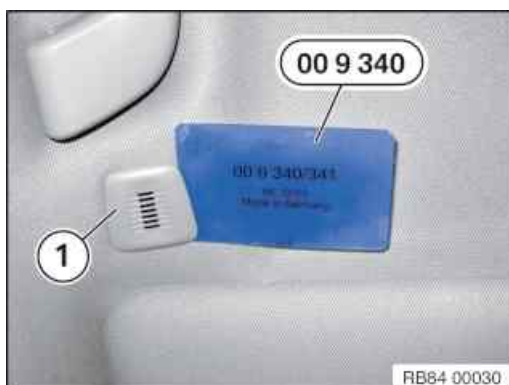


Special tools required:

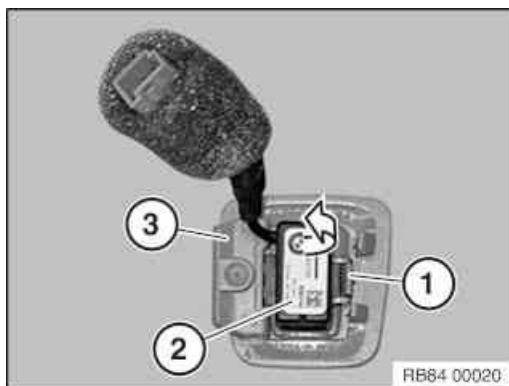
- [00 9 340](#)



Removal:

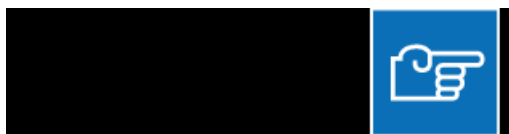


Lever out the microphone (1) as shown using the special tool [00 9 340](#) .
Pull the microphone (1) out of the headlining.
Unlock and disconnect corresponding connector.

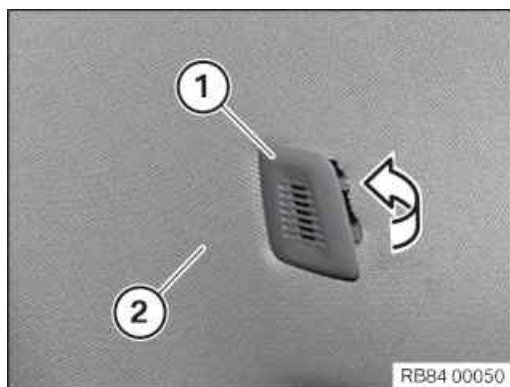


Replacement:

Loosen the latch mechanism (1) and remove the microphone (2) from the trim (3).



Installation:



Connect the corresponding connector to the microphone (1).
Fit the microphone (1) into the headlining (2).



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).

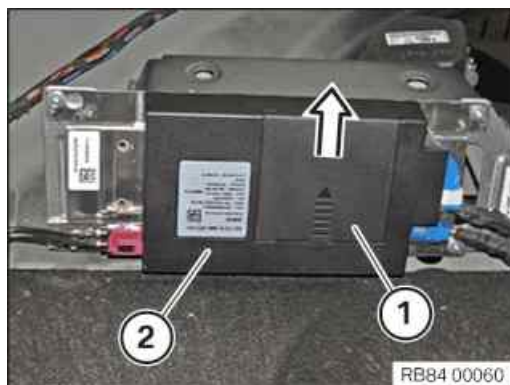


Necessary preliminary work:

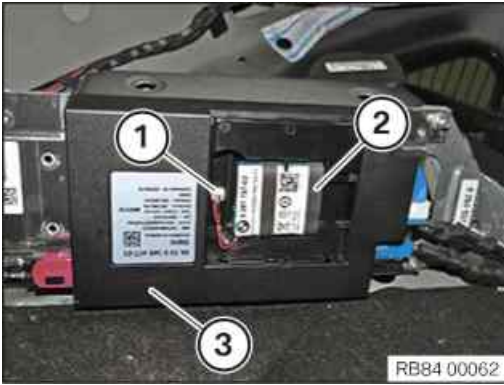
- Remove [luggage compartment wheel arch panel on left](#).



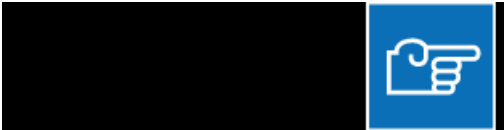
Removal:



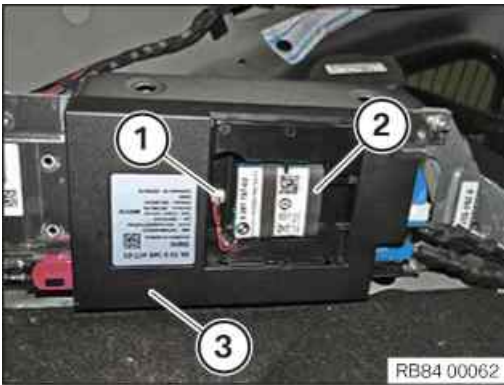
Open lid (1) on TCB (2) in direction of arrow.



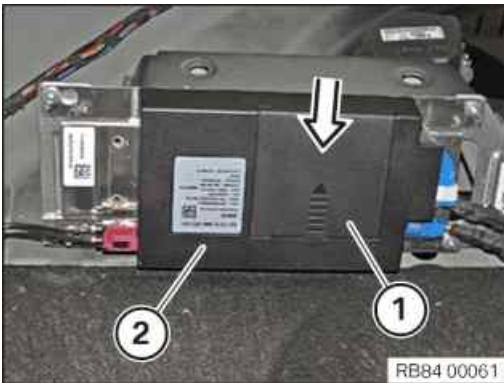
Disconnect connector (1).
Remove emergency battery (2) from TCB (3).



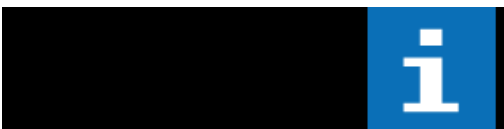
Installation:



Connect the connector (1).
Insert emergency battery (2) into TCB (3).



Close lid (1) on TCB (2) in direction of arrow.



Required reworking:

- Install [luggage compartment wheel arch panel, left](#)

84 10 860 Replacing telematics control unit in the vehicle interior (behind the glove box) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

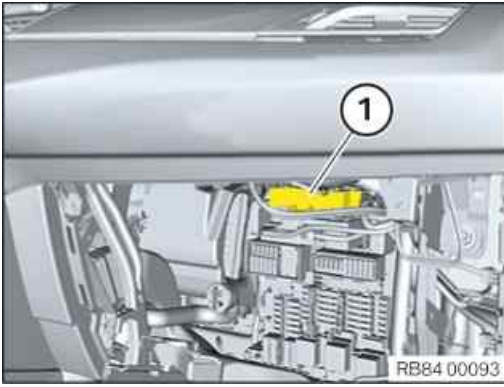


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Remove right [glove box](#)



Removal:



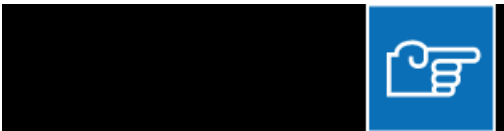
Unplug telematics control unit (1) and carefully thread it out from the holder.
Unlock and disconnect all connectors on telematics control unit (1).
Remove telematics control unit (1).



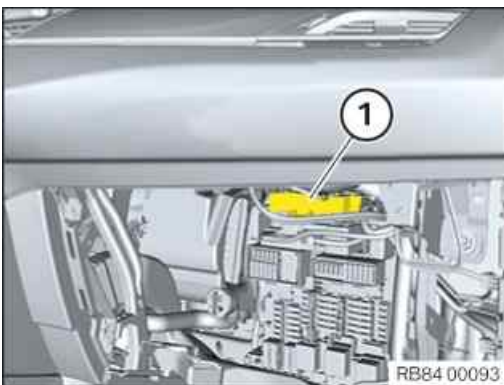
Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new part is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)

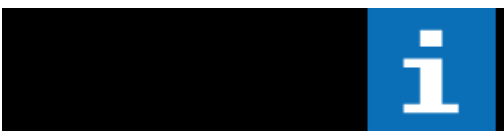


Installation:



Position telematics control unit (1).
Connect and lock all connectors on telematics control unit (1).
Thread the telematics control unit (1) into the holder and lock it.

Installation note:
Note colour coding of connector.



Required reworking:

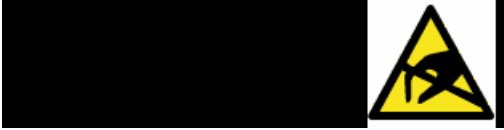
- Install right [glove box](#)
- Connect [battery earth lead](#)



Replacement:

- Carry out [programming/encoding](#)

84 10 522 Replacing the emergency battery for telematics control unit under the headlining (with panorama glass roof) (after vehicle diagnosis)



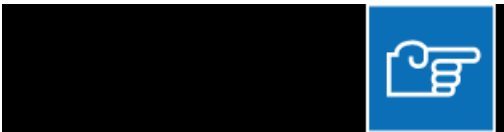
Attention!

Observe the [information on protection from electrostatic discharge](#).

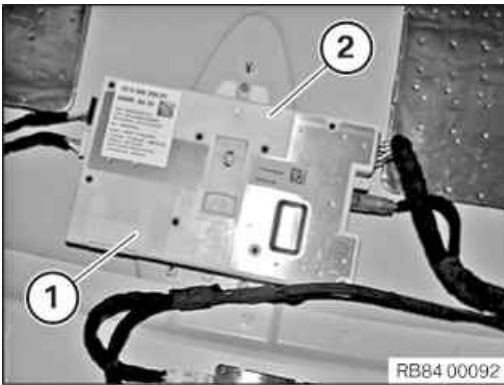


Necessary preliminary tasks:

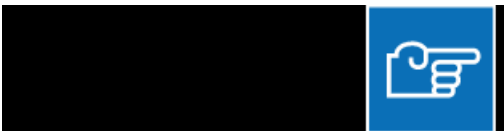
- Remove [headlining](#)



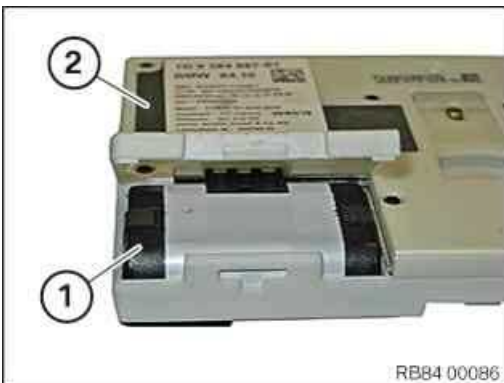
Removal:



Unlock and open the battery compartment (1) on the telematics control unit (2).



Installation:



Remove the emergency battery (1) from the battery compartment and replace it.

Close the battery compartment on the telematics control unit (2).



Required reworking:

- Fit the [headlining](#)

84 10 515 Replacing the emergency battery for the telematics control unit in the luggage compartment (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).

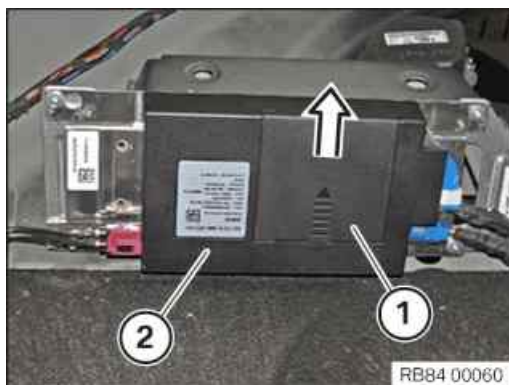


Necessary preliminary tasks:

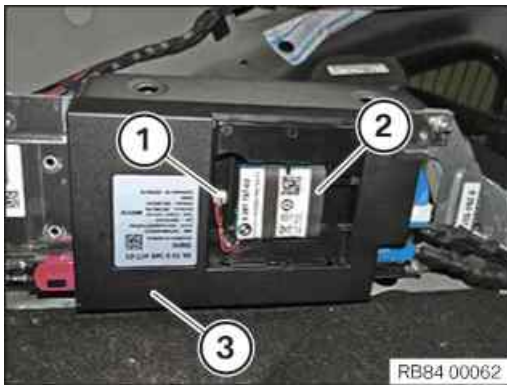
- Remove [luggage compartment wheel arch panel on left](#).



Removal:

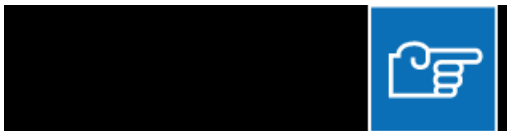


Open the cover (1) on the telematics control unit (2) in the direction of the arrow.

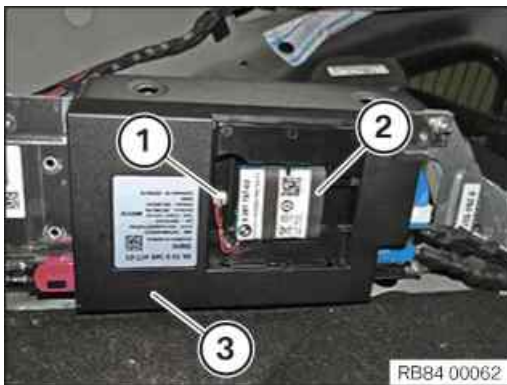


Disconnect connector (1).

Remove emergency battery (2) from telematics control unit (3).

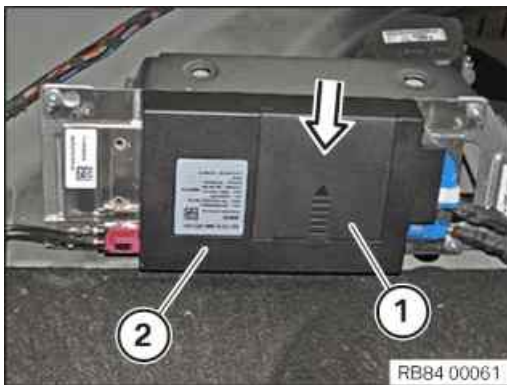


Installation:

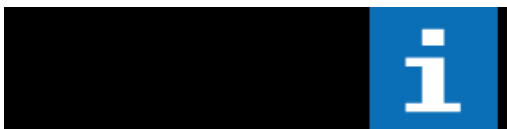


Connect the connector (1).

Join the emergency battery (2) with the telematics control unit (3).



Close the cover (1) on the telematics control unit (2) in the direction of the arrow.



Required reworking:

- Install [luggage compartment wheel arch panel, left](#)

84 10 530 Replacing the emergency battery for the telematics control unit in the vehicle interior (behind the glove box) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).

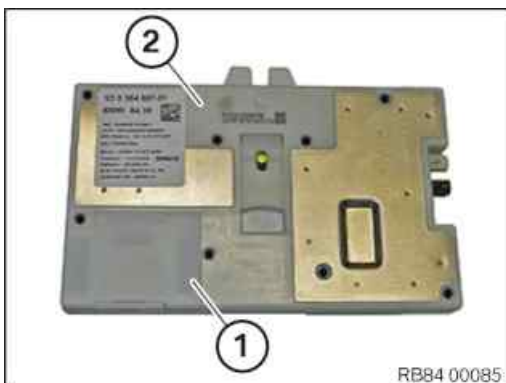


Necessary preliminary tasks:

- Remove the [telematics control unit](#)



Removal:



Unlock and open the battery compartment (1) on the telematics control unit (2).

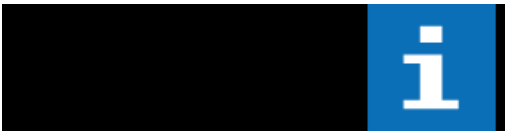


Installation:



Remove the emergency battery (1) from the battery compartment and replace it.

Close the battery compartment on the telematics control unit (2).



Necessary preliminary tasks:

- Install the [telematics control unit](#)

84 10 522 Replacing the telematics control unit emergency battery under the headlining (with panorama glass roof) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).

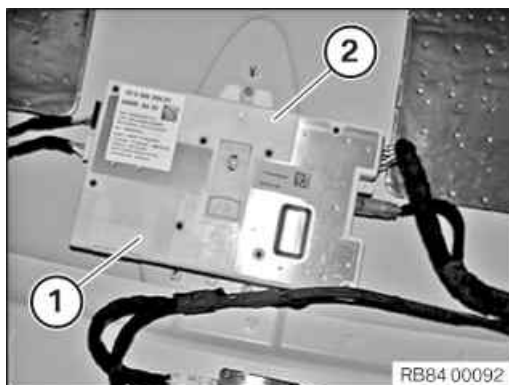


Necessary preliminary tasks:

- Lower [roofliner](#)



Removal:



Unlock and open the battery compartment (1) on the telematics control unit (2).

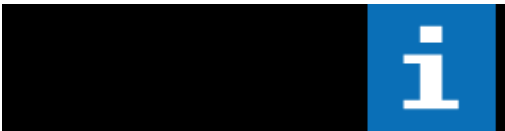
Remove the emergency battery from the battery compartment.



Installation:



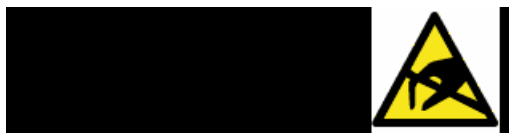
Feed in the emergency battery (1) into the battery compartment. Close the battery compartment on the telematics control unit (2).



Required reworking:

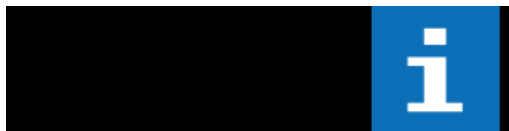
- Fit the [headlining](#)

84 10 520 Replacing the telematics control unit emergency battery under the headlining (without panorama glass roof) (after vehicle diagnosis)



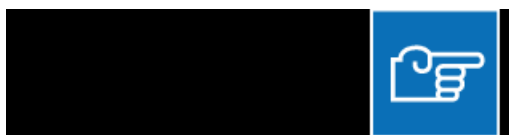
Attention!

Observe the [information on protection from electrostatic discharge](#).

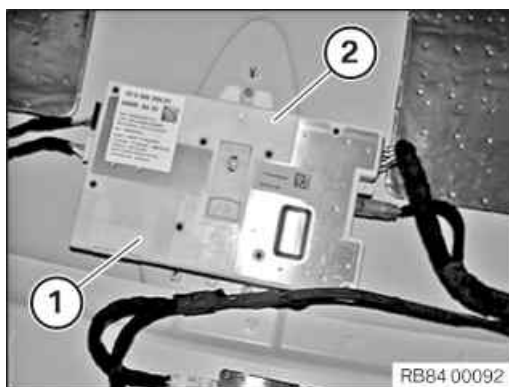


Necessary preliminary tasks:

- Lower [roofliner](#)



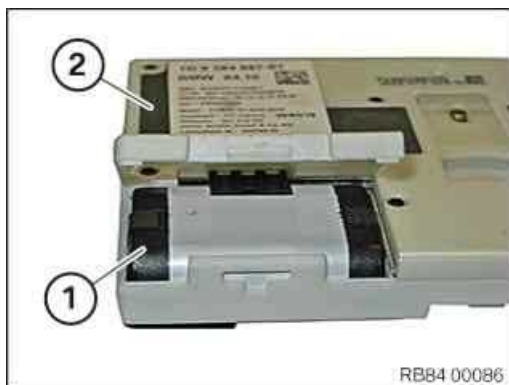
Removal:



Unlock and open the battery compartment (1) on the telematics control unit (2).



Installation:



Remove the emergency battery (1) from the battery compartment and replace it.

Close the battery compartment on the telematics control unit (2).



Required reworking:

- Fit the [headlining](#)

84 10 852 Replacing the telematics control unit in the headlining (with panorama glass roof) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

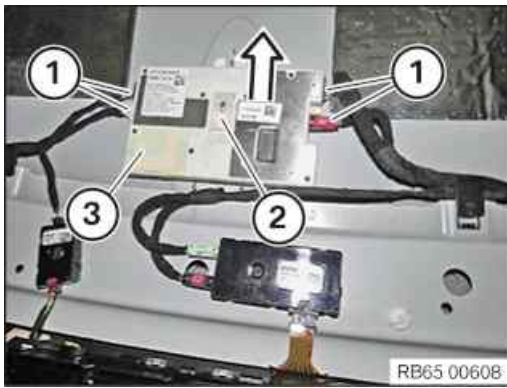


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Lower [roofliner](#)



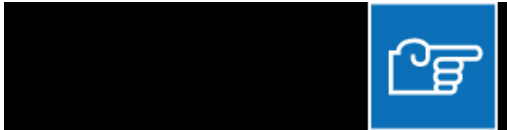
Removal:



Unlock and disconnect the connector (1).

Unlock the lock (2) downwards.

Slide the telematics control unit (3) in direction of arrow and remove.



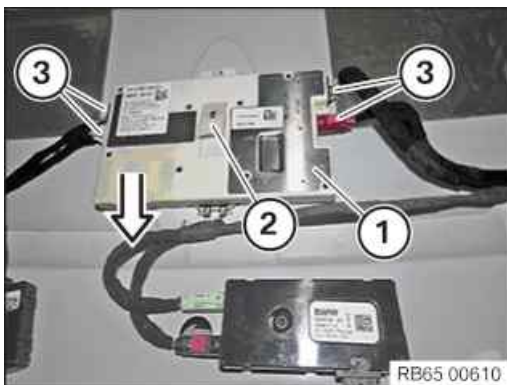
Installation:



Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new parts is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)



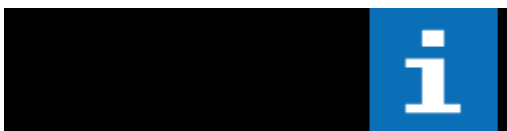
Correctly position the telematics control unit (1).

Slide the lock (2) in direction of arrow and lock.

Insert and connect connector (3).

Installation note:

Note colour coding of connector.



Required reworking:

- Fit the [headlining](#)
- Connect [battery earth lead](#)
- Carry out [vehicle programming/encoding](#)

84 10 850 Replacing the telematics control unit in the headlining (without panorama glass roof) (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply [notes and notes on handling optical fibre](#).



Attention!

Risk of damage: Carefully unlock and disconnect connector on telematics control unit.

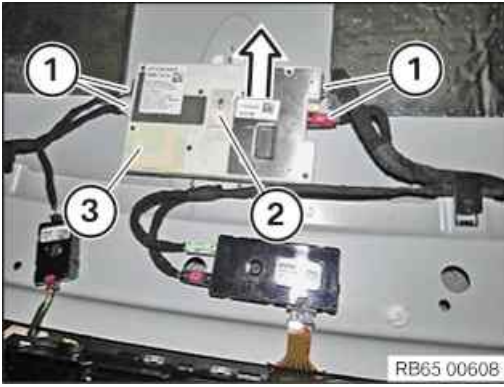


Necessary preliminary tasks:

- Disconnect [battery earth lead](#)
- Lower [roofliner](#)



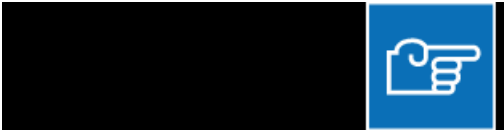
Removal:



Unlock and disconnect the connector (1).

Unlock the lock (2) downwards.

Slide the telematics control unit (3) in direction of arrow and remove.



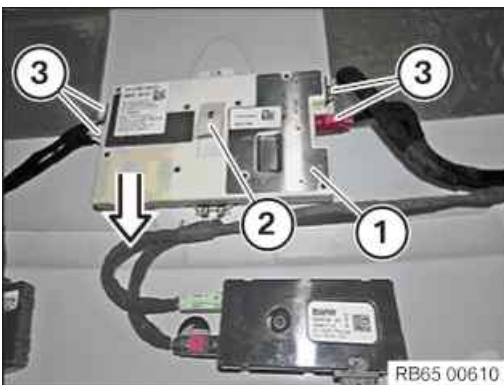
Installation:



Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new parts is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)



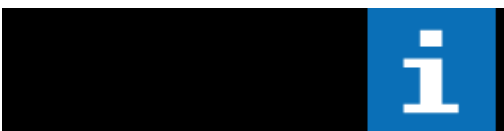
Correctly position the telematics control unit (1).

Slide the lock (2) in direction of arrow and lock.

Insert and connect connector (3).

Installation note:

Note colour coding of connector.



Required reworking:

- Fit the [headlining](#)
- Connect [battery earth lead](#)



Replacement:

- Carry out [programming/encoding](#)

84 10 855 Replacing the telematics control unit in the luggage compartment (after vehicle diagnosis)



Attention!

Depending on the vehicle and the vehicle equipment, there are different installation locations of the telematics control unit!

Therefore, determine the installation location of the telematics control unit with the diagnosis system before starting work:

- Carrying out vehicle test
- Troubleshooting
- Function structure
- Functional wiring diagrams
- Body
- Telematics
- Select the wiring diagram
- Click on component of the telematics control unit
- Installation location



Attention!

Observe the [information on protection from electrostatic discharge](#).



Comply with notes and instructions on [handling optical fibre](#).

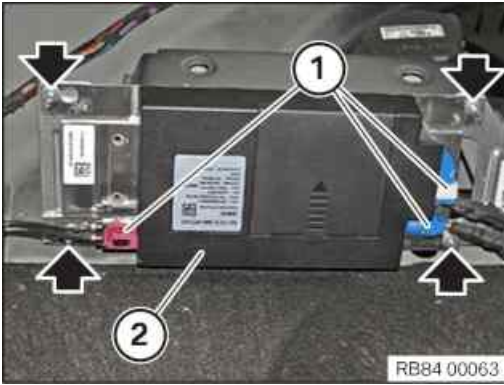


Necessary preliminary tasks:

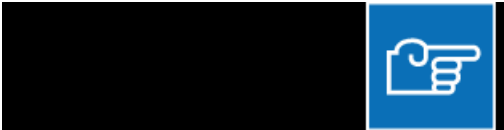
- Disconnect [battery earth lead](#)
- Remove [luggage compartment wheel arch panel on left](#).



Removal:



Unlock and disconnect all connectors (1).
Release all nuts.
Remove telematics control unit (2).



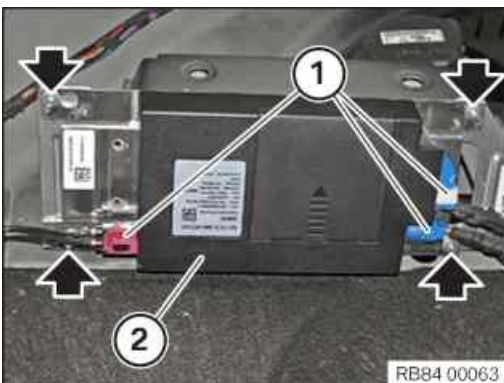
Installation:



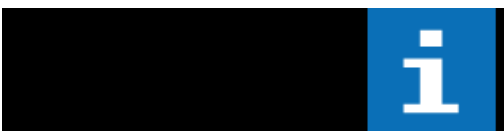
Note:

When replacing the telematics control unit check whether the faulty telematics control unit is equipped with an [emergency battery](#):

- if no, then the new part is installed without an emergency battery!
- If yes, then the new parts is to be equipped with a new emergency battery (separate order, telematics control unit is shipped without an emergency battery!)



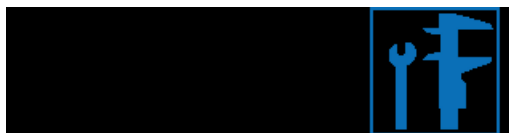
Install telematics control unit (2).
Tighten nuts.
Tightening torque [84 10 1AZ](#).
Connect all connectors (1).



Required reworking:

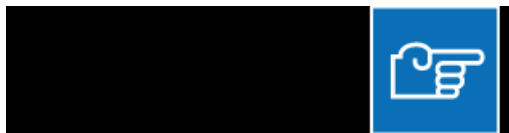
- Connect [battery earth lead](#)
- Install [luggage compartment wheel arch panel, left](#)
- Carry out [programming/encoding](#)

84 31 550 Removing and installing/replacing hands-free microphone, driver's side

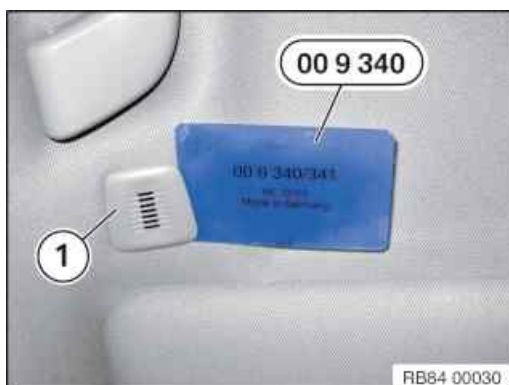


Special tools required:

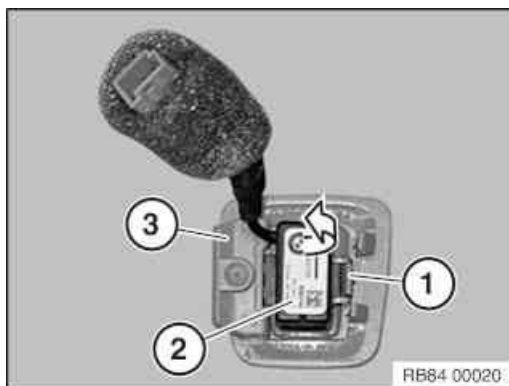
- [00 9 340](#)



Removal:

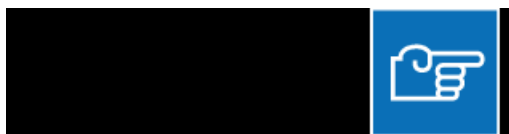


Lever out the microphone (1) as shown using the special tool [00 9 340](#) .
Pull the microphone (1) out of the headlining.
Unlock and disconnect corresponding connector.

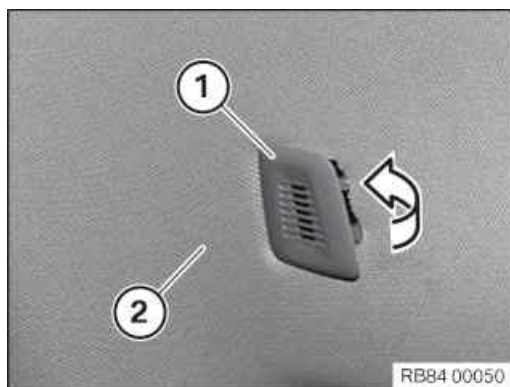


Replacement:

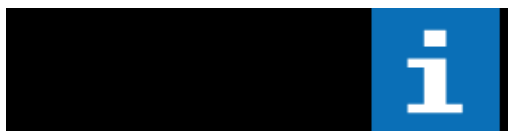
Loosen the latch mechanism (1) and remove the microphone (2) from the trim (3).



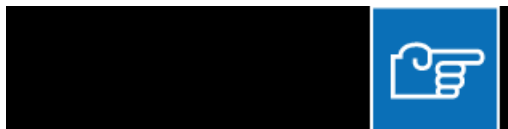
Installation:



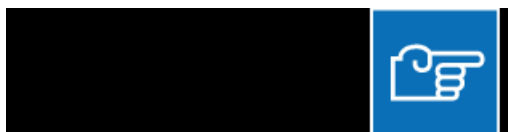
Connect the corresponding connector to the microphone (1).
Fit the microphone (1) into the headlining (2).

**Necessary preliminary tasks:**

- Dismantle [instrument panel trim at bottom right](#)

**Removal:**

Unlock latch mechanisms and remove speaker (1) from instrument panel trim (2).

**Installation:****Note:**

Latch mechanisms must not be damaged

Speaker (1) must snap audibly into place in bracket.

Guide lugs of bracket must be seated in grooves of speaker (1).

Join speaker (1) into instrument panel trim (2).

**Required follow-up work:**

- Install [bottom right instrument panel trim](#)

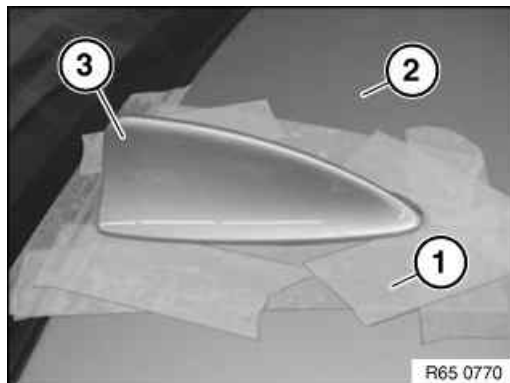
65 20 030 Removing and installing/replacing empty housing for roof-mounted aerial



Important!

Note to customer:

In order to guarantee a permanent connection and adhesive hardening:
After bonding the empty housing for the roof-mounted aerial, wait 24 hours before driving the vehicle through a car wash.



Note:

Clean roof.

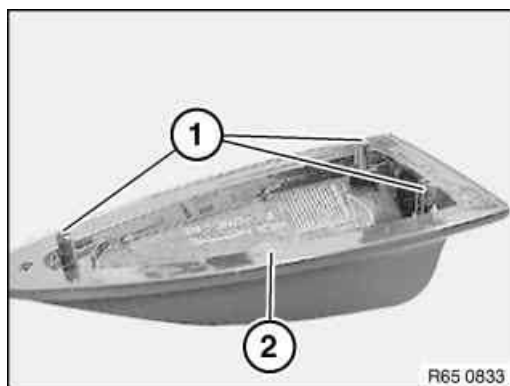
Mask roof (2) around empty housing for roof-mounted aerial (3) with yellow plastic adhesive tape (1). To do so, slide plastic adhesive tape under empty housing (3) slightly.

Cut through the adhesive bead (e.g. scalpel) and remove the empty housing for the roof-mounted aerial (3).



Installation:

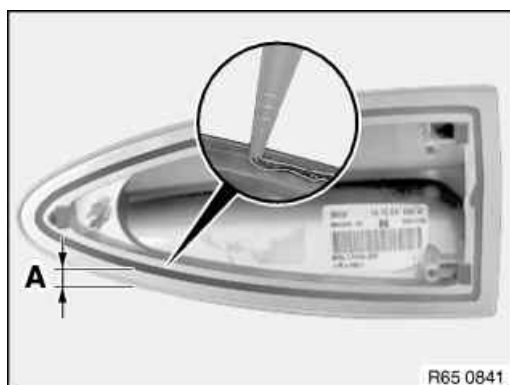
Empty housing for roof-mounted aerial is secured with window glass adhesive. All preparatory operations correspond to the [Window bonding notes](#).



Note:

Replace empty housing for roof-mounted aerial if centering pins (1) on empty housing are damaged.

Bonding surface (2) must be clean and free from grease.



Apply trace of adhesive bead all round outer contour as follows.

Distance between adhesive bead and edge of aerial housing:

A. $6.5 \text{ mm} \pm 1 \text{ mm}$

Start and end of bead trace must have an overlap length of max. 10 mm.

Important!

To prevent the adhesive from leaking, the adhesive bead diameter must not exceed 2.5 mm to 3.5 mm.

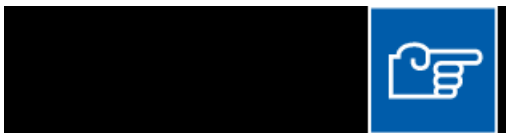


Note:

Attach the empty housing coated with adhesive by hand. To spread the adhesive better, move the housing back and forth horizontally slightly when pressing down.

Secure empty housing if necessary with adhesive tape and press down uniformly.

After bonding, leave vehicle to stand for at least 3 hours at room temperature.

**The following applies in general:**

To avoid damage, observe the following instructions:

- Avoid compressive and tensile loads
- To ensure professional repairs, perform repair work only with BMW-approved or recommended special tools and spare parts
- Make sure cables are laid without kinks or abrasions
- Ensure non-contacting routing at sharp-edged body parts; use edge protection if necessary
- Secure additionally laid cables/leads with cable ties

The following additionally applies:Shielded lines

Interference radiation and interference resistance can lead to neutral zones at contact points in the shielding. Consequently, distinctions have to be drawn between the following types:

Coaxial lines

- Shielded coaxial cables RTK031 may only be repaired with a special [crimping tool](#).
- For aerial lines only the bushing contact may be repaired.
- RG174 Lines and the bushing contact may not be repaired.

CVBS lines

- CVBS cables may not be repaired.
- CVBS cables must be replaced in their entirety.

HSD lines

- HSD cables may not be repaired.
- HSD cables must be replaced in their entirety.

Optical fibre cable:*Note:*

Fibre-optic cables are coloured differently as follows:

- Green = **MOST** (**M**edia **O**riented **S**ystems **T**ransport) optical fibres
- Yellow = **ISIS** (**I**ntelligent **S**afety and **I**ntegration **S**ystem) optical fibres
- Orange=repair fibre-optic cables

Attention!

- Optical fibres are permitted to show only one junction point (bridge). Replace optical fibres if necessary
- Smallest permissible bending radius is 25 mm
- Avoid effects of heat $\geq 85^{\circ}$

[Treating cables and fibre-optic cables](#)FlexRay (twisted cables):

It is possible to repair the FlexRay. In the event of damage, the cables can be joined with conventional [butt connectors and heat-shrink tubing](#).

Note:

- FlexRay lines may only reveal one separation point (bride); renew complete line if necessary.
- If possible, maintain twisted cable after repair.
- After repairs, twist cables as close as possible to the connector/separation point.
- Twisting must be as symmetrical as possible.

Airbag lines:

[Repairing airbag cables](#)

Ribbon cables:

[Repairing ribbon cables](#)

Replacing wiring harnesses

Repair wiring harnesses mainly cover the full equipment of the vehicle. If certain optional equipment is not installed in the vehicle, note the following:

- If necessary, secure the remaining connectors.
- If necessary, seal the remaining connectors outside the vehicle interior, for example, with butyl tape in such a way that moisture ingress can be eliminated permanently.
- [If necessary, repin the connector of the repair wiring harness.](#)

Note:

Repair wiring harnesses can be equipped with an **additional socket housing** (30-pin, for example), **which was not provided on the previous vehicle-side wiring harness**. This socket housing also cannot be found in the wiring diagram.

Procedure

The separation point between the vehicle-side wiring harness and the repair wiring harness is located **in the vehicle interior** (in the footwell, for example):

- Cut the additional socket housing and connect the lines to the vehicle-side wiring harness using a butt connector.
- Alternatively, a suitable pin housing can be fitted on the vehicle-side wiring harness and connected to the additional socket housing.

However, this is permitted only if the following conditions are met:

- Carpets must not protrude visibly or become deformed due to the installation of the additional plug connection.
- It must be possible to install the adjacent components (for example, trims, trim panels, etc.) correctly after installing the additional plug connection.
- All the attachment points of the adjacent components (for example, trims, trim panels, etc.) must engage correctly.
- There must be no rattling noise due to the installation of the additional plug connection.
- The additional plug connection must not damage the adjacent components/wiring harnesses, etc..

The separation point between the vehicle-side wiring harness and the repair wiring harness is located **outside the vehicle interior** (in the wheel arch, for example):

- Cut the additional socket housing and connect the lines to the vehicle-

side wiring harness using a butt connector.

- **Using the additional socket housing is not permitted with a separation point outside the vehicle interior.**

64 00 ... Information on using cleaning agent/paints (personal protection equipment)



Warning!

Use of cleaning agents/paints not compliant with instructions can cause serious injuries or burns!

Handling cleaning agents/paints can trigger allergic skin and respiratory reactions!



Important!

Observe following instructions:

- Store cleaning agents/paints only in a secure cabinet.
- Keep cleaning agents/paints away from naked flames and other sources of ignition.
- Protect cleaning agents/paints from high temperatures and direct sunlight.
- Always keep an eye douche on hand, change the water regularly (once a month).



Important!

Observe following instructions before use:

- Manufacturer's instructions (on container/packaging)
- Hazard warnings (on container/packaging)
- Manufacturer's instructions on package insert
- Material safety data sheet of manufacturer
- Product information in EPC
- National market regulations



Important!

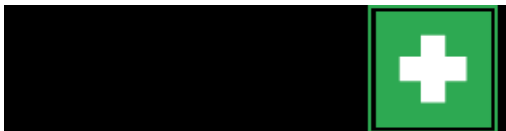
Observe following instructions during use:

- Do not eat, drink or smoke while working with these products.
- Avoid direct contact with skin and eyes.
- Wear personal protective clothing/equipment.
- Ensure that all enclosed areas are well ventilated or extract fumes directly.
- Immediately change working clothes soiled with cleaning agent/paint.
- After finishing work, wash your hands and apply protective skin cream.



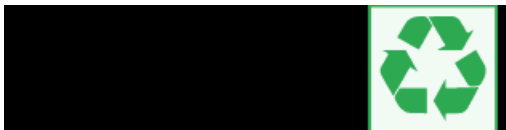
Important!

Follow hazard warnings and wear personal protection equipment!



First Aid:

- If product comes in contact with eyes, immediately flush with running water for about 10 - 15 minutes. Seek the advice of eye specialist.
- In the event of skin contact and where applicable an allergic skin reaction, clean the affected areas immediately with soap and water and then apply silicone-free skin cream. Seek advice of physician.
- If an adhesive product is swallowed, rinse mouth/parts of mouth thoroughly with running water. Drink 1-2 glasses of water. Do not induce vomiting. Consult a doctor.
- After inhaling vapours ensure ample supply of fresh air. Keep calm, keep respiratory tracks clear and call doctor.



Recycling:

Dispose of cleaning agents/paints in a professional manner!
Observe national/country-specific disposal regulations.