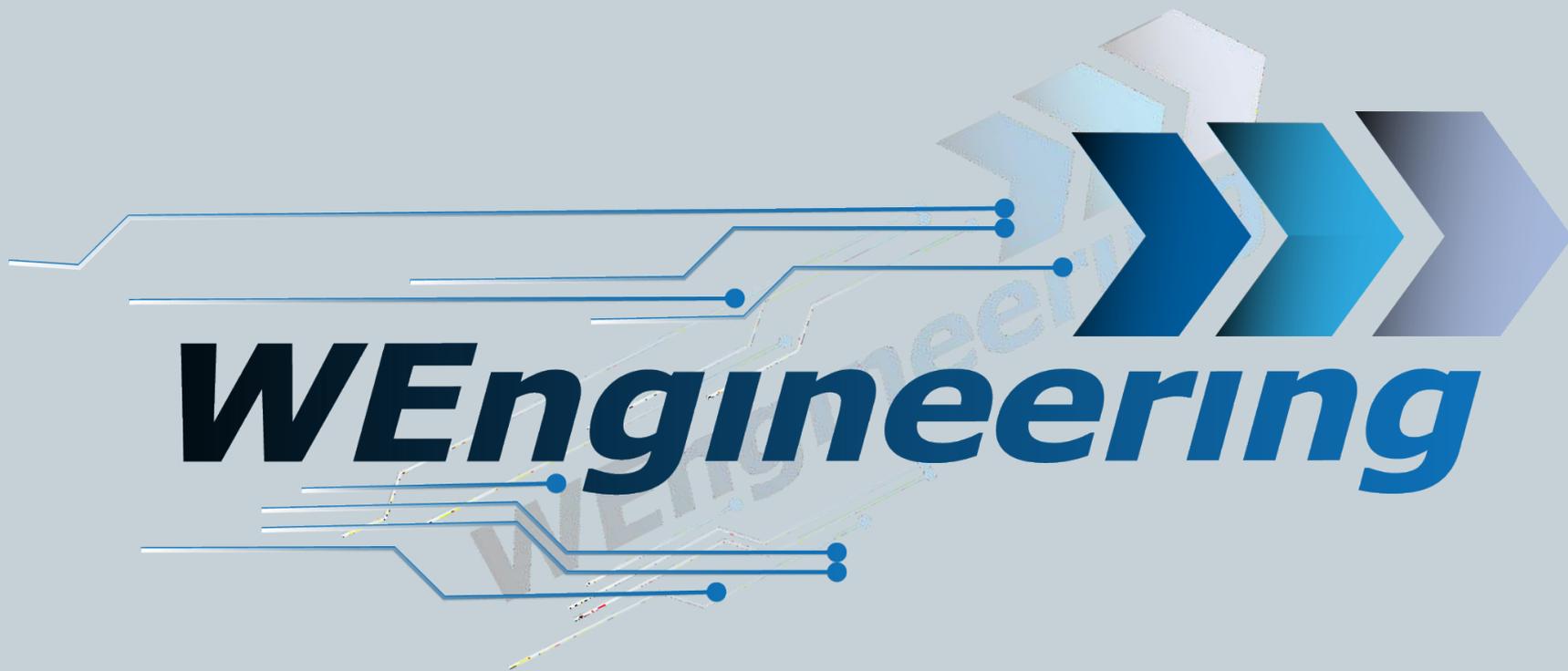




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# Data Display Installation Instructions BMW 5 Series E6x

Version:V1.0  
Date:03.05.2018



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## Dismantling the interior trim

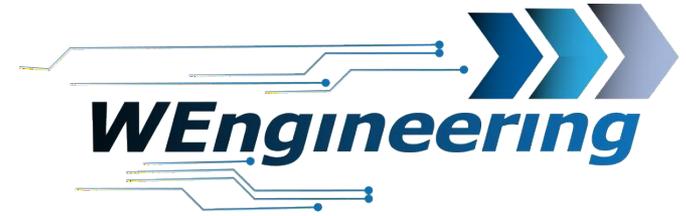
Carefully loosen the interior trim. Starting from the passenger side.



# Data Display Installation

## Instructions BMW 5 Series E6x

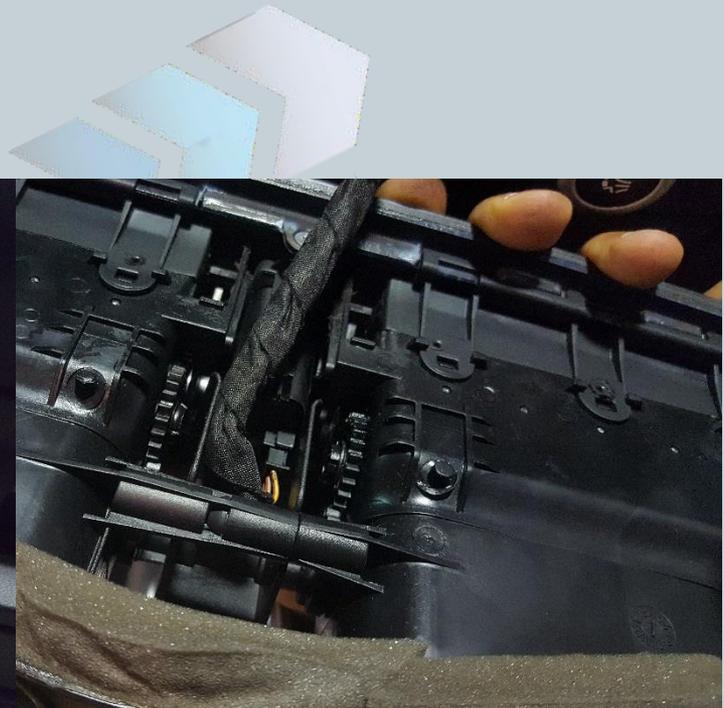
Version:V1.0  
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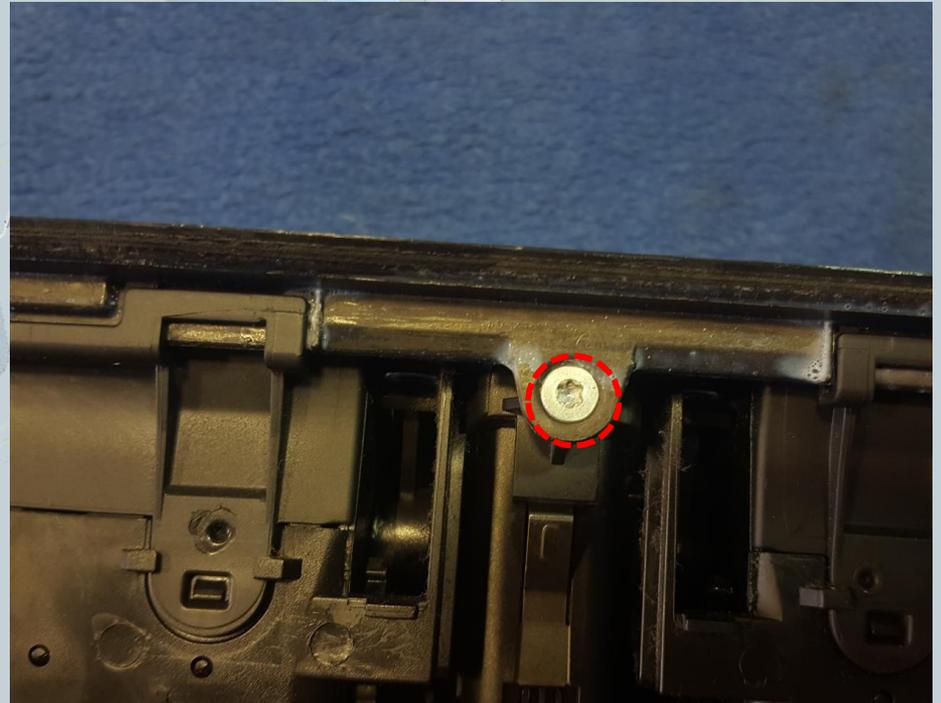
### Dismantling the interior trim

Pay attention to the plug connections.



## Dismantling fresh air grill

Loosen the 2 (8) nut and the Torx (T15) screw. Schraube.



## Dismantling fresh air grill

Separate the ventilation unit from the interior trim. First the upper side.  
Seite.

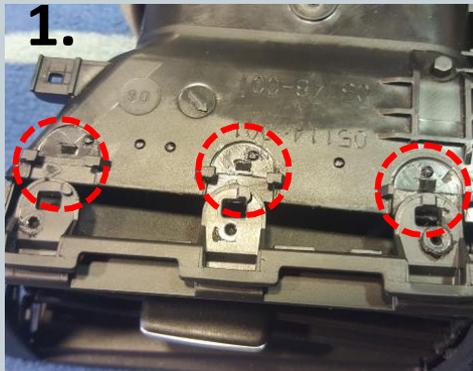


# Data Display Installation

## Instructions BMW 5 Series E6x

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### Mounting display



1. Unlock the latches to separate the front part of the ventilation from the rear part.
2. Remove all slats.
3. Drill the hole for the cable gland.
4. Insert the display. Right side first. Left side can be clipped in.

# Data Display Installation Instructions BMW 5 Series E6x

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## Mounting display



Replace the front part of the vent. **The lower side first.** Now the ventilation unit can be screwed to the interior trim again.

Interieurleiste verschraubt werden.



# Data Display Installation

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### Mounting display

In the passenger side footwell, remove the trim and the glove box. Route the cables into the footwell accordingly.



## Connection of the WIC control unit

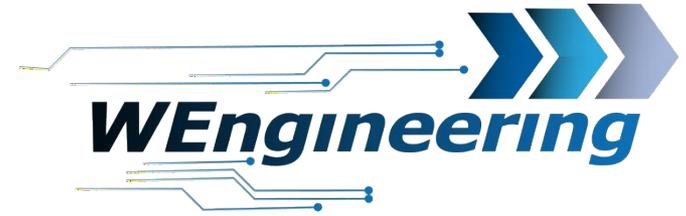


1. disconnect the plug

# Data Display Installation

## Instructions BMW 5 Series E6x

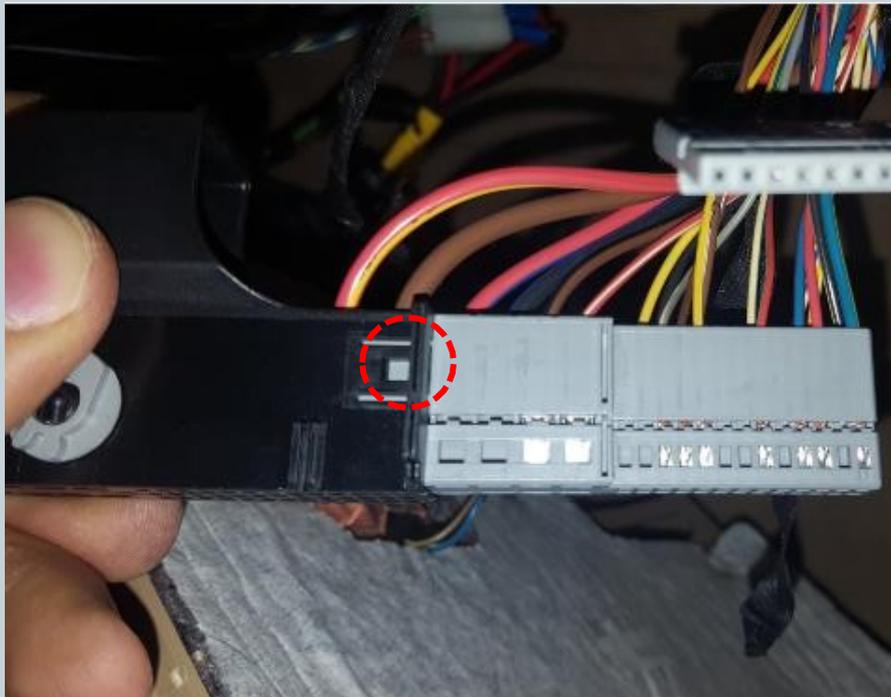
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### Connecting the data display

Unplug the black connector and pull it out of the connector housing. The housing is engaged from both sides (marked red).

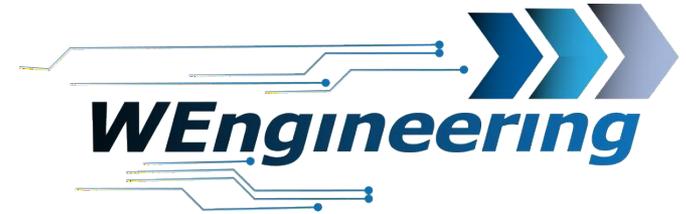


The plug consists of three fields, Remove the upper field as shown in the picture to access the desired pins.

# Data Display Installation

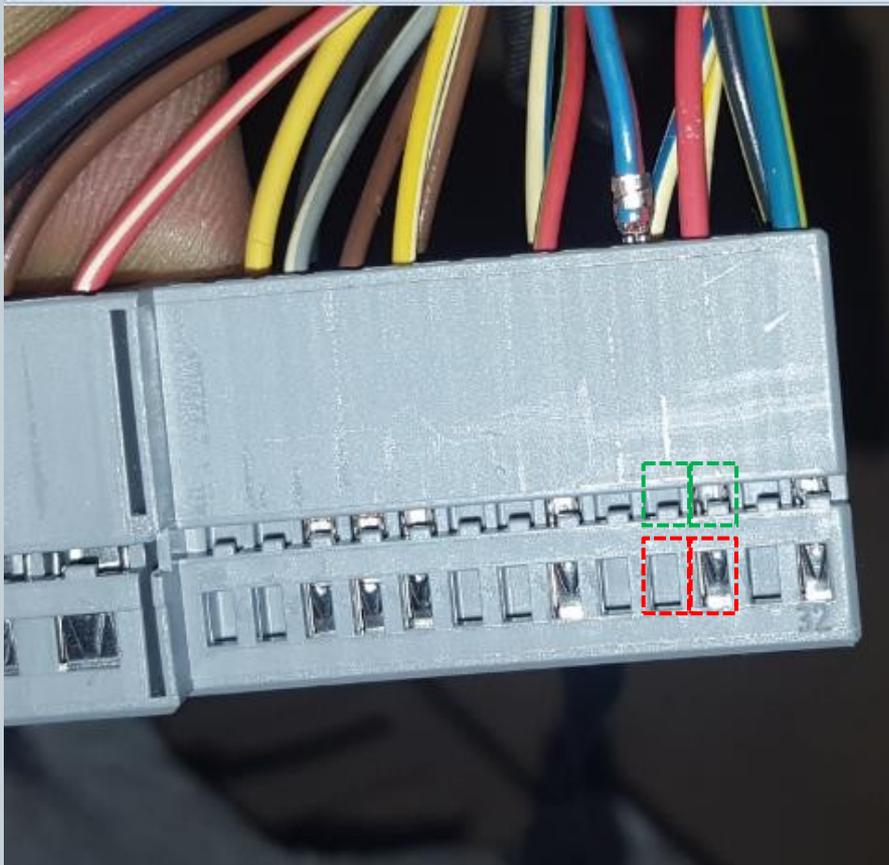
## Instructions BMW 5 Series E6x

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### Connecting the data display

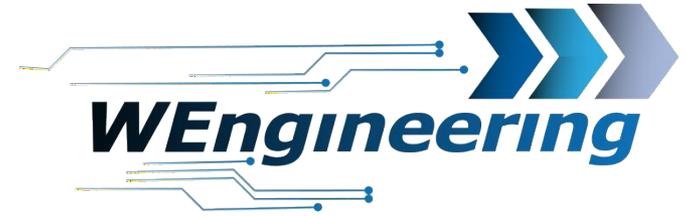


The CAN line (blue/red and red is **twisted**). Blue/red = CAN-High = Pin 29 red = CAN-Low = Pin 30 Use a small slotted screwdriver. Press the slotted screwdriver onto the pins and pull. First press on the red marked area and pull out, then on the green area. Carry out this procedure for each wire individually.

# Data Display Installation

## Instructions BMW 5 Series E6x

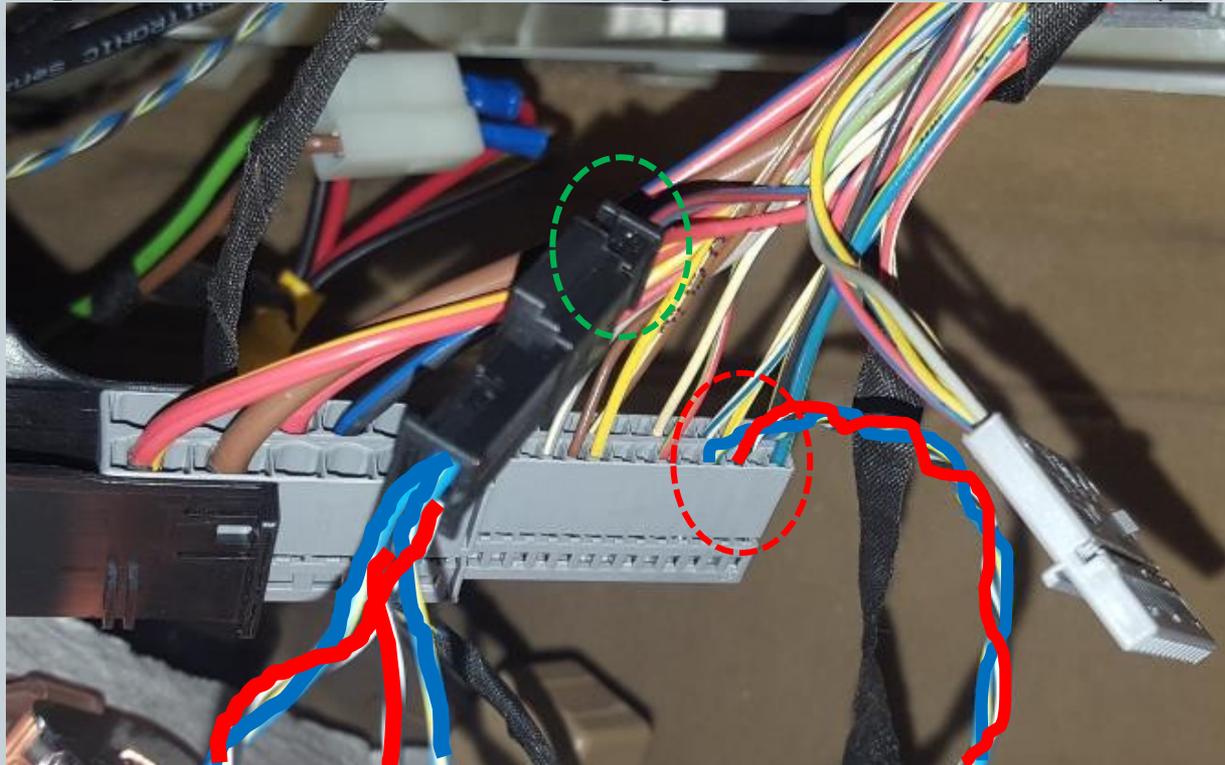
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### Connecting the data display

Pin the unpinned CAN cable into the connector supplied. Thereby "blue/red" to **Pin\_1** and "red" on **Pin\_3**. The numbering is marked on the connector (marked green).



Pin the supplied CAN cable as shown in the picture. (Marked in red).

Blue = CAN-High = Pin 29

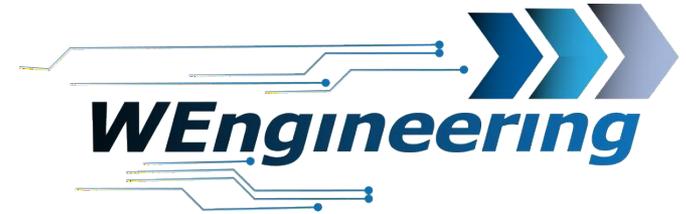
Red = CAN-Low = Pin 30

Rot = CAN-Low = Pin 30

# Data Display Installation

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### Connecting the data display

Loosen the screws for the air conditioning control panel and lift it out together with the cover towards the front. Loosen

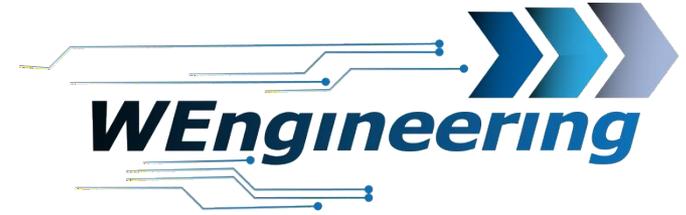


The cladding of the switch centre in the  
The centre console must be unclipped on  
the outside.

# Data Display Installation

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### Connecting the data display

On the left and right of the SZM there is a cable for the power supply.

SZM Pin1 = Red/Violet = +12V KI30G -> Data display Pin1 = Red =+12V

SZM Pin1 = Brown/Black = Ground/GND -> Data display Pin3 = Brown = GND

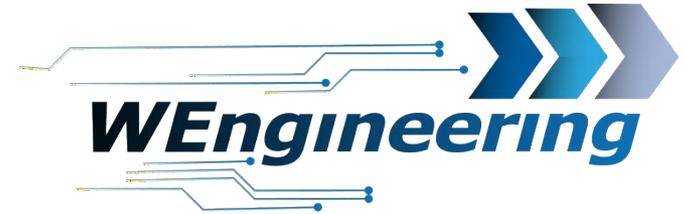


1. Open the lock on the 3-pole SZM Plug.
2. First pin out pin 1 on the SZM connector.
3. Pin the red cable from the data display harness into the SZM connector on pin 1.
4. Pin the red/purple line in the Supplied 3-pin plug on pin 1
5. Pin out pin 2 on the SZM connector.
6. Pin the brown cable from the data display harness into the SZM connector on pin 2.
7. Pin the brown/black wire from the SZM to pin 3 of the 3-pin connector supplied.

# Data Display Installation

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### Connecting the data display

Plug the two connectors together

SZM Pin1 = Red/Violet = +12V KI30G -> Data display Pin1 = Red = +12V

SZM Pin1 = Brown/Black = Ground/GND -> Data display Pin3 = Brown = GND

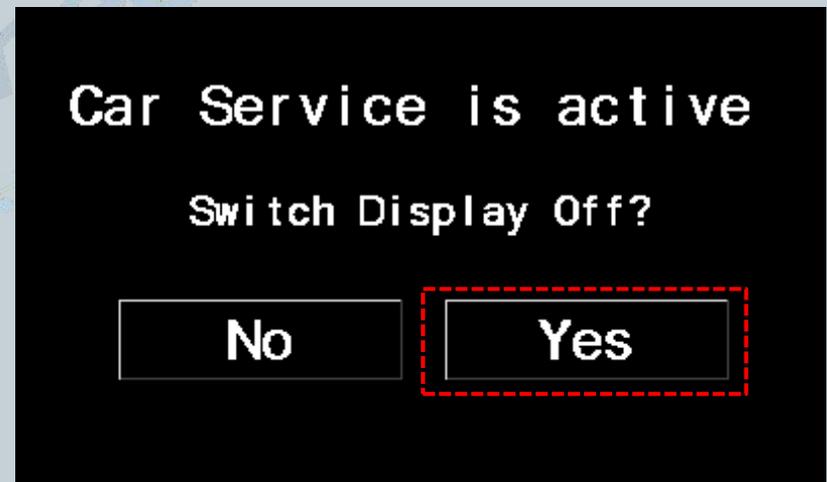


## Important!

After the installation of the data display, the diagnostic interface is permanently blocked. This is because the display now uses the interface. This means that communication via OBD to the engine control unit is not possible. Programmes such as EDIABAS, ISTA, INPA report an error when establishing a connection. To enable the diagnostic interface again, simply set **Car Service** to "On" in the Setup menu before starting the engine. Then you have the option of switching off the display. The display remains off even after a restart. To switch it back on, simply tap on the display.

**Before each workshop visit, the Car Service should be set to "on".**

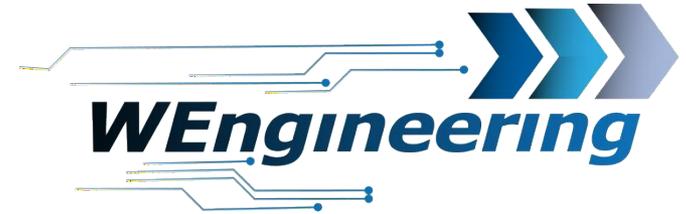
Vor jedem Werkstattbesuch sollte der Car Service auf „on“ gestellt werden.



# Data Display Installation

## Instructions BMW 5 Series E6x

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### Adjusting the display brightness

The display brightness is controlled centrally via the ambient lighting. For perfect display brightness, we recommend the following setting. In absolute darkness, turn the control knob for the central lighting back until the value for Main LCD in the menu is between **25 and 35**. für Main-LCD zwischen 25 und 35 steht.

