

O mph 100 mm

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Model support

# BMW 3 E-Serie



E46- Coupé – Extension KIt

All models with following engines are supported:

Gasoline engine

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**Product description** 

# E46DGA Display system

## Data display:

- Boost pressure
- Tourque
- Performance
- Sprint
- Exhaust and intake temperature screen
- Cooling water output and Throttle angel
- Lambda values
- Lateral and Longitudinal accelaration
- Performace chart
- Maximum values

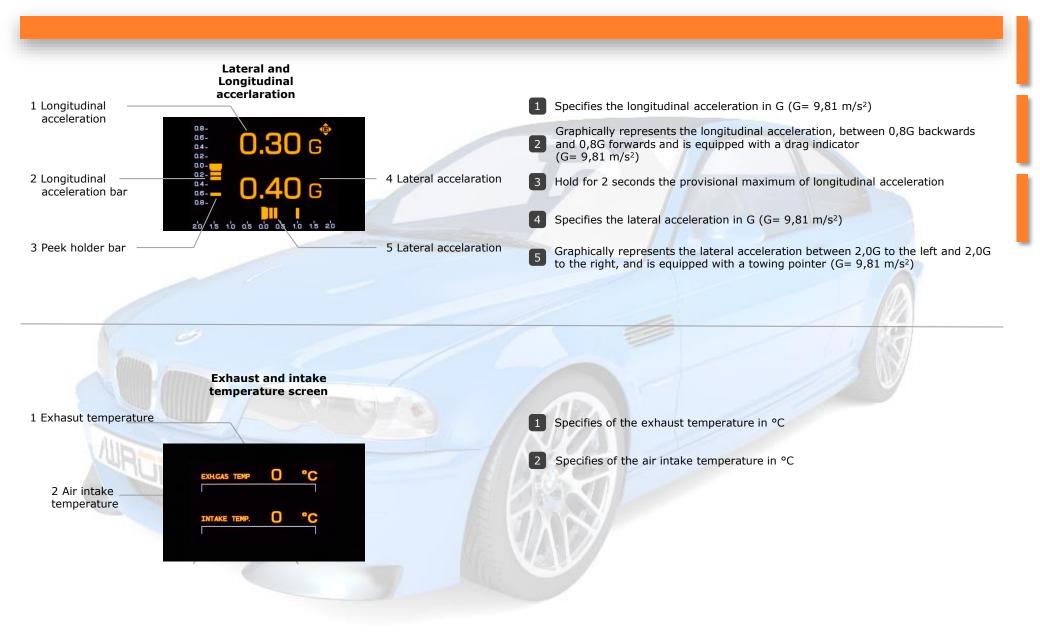
Visually, the display fits perfectly into the Interior. The monitor, which is equipped with latest OLED technology is incorporated into the existing ventilation shaft. Thus, no external holders are necessary, and you have a good view of the displays while driving.



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#### System components

#### Cooling water output and Throttle angel





- 1 Specifies the current cooling temperature in °C
- 1 Specifies the current percent of throttle angel in percent

 Oxygen values

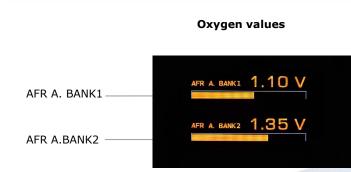
 AFR A. BANK1

 AFR A. BANK2

 Image: Source of the current value of wideband oxygen sensor Bank 1; measures the residual oxygen content in the exhaust gas;  $\lambda > 1 = \text{lean mixture; } \lambda < 1 = \text{oily mixture; Range is between 0.65 and 2.5</td>$ 

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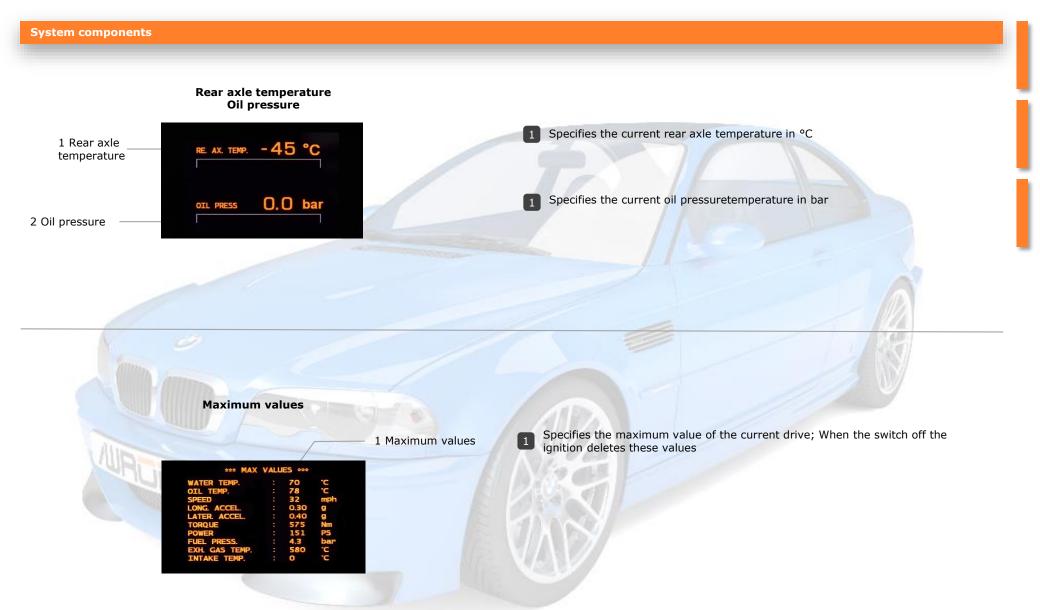
# System components



Specifies the current value of wideband oxygen sensor Bank 1; measures the residual oxygen content in the exhaust gas;  $\lambda > 1 =$  lean mixture;  $\lambda < 1 =$  oily mixture; Range is between 0.65 and 2.5

	Water and Oil temperature + Oil pressure	
Vater temperat <del>ure</del>		1 Specifies the current water temperature in °C
Alla		2 Specifies the actual oil temperature between - 40 °C and 150 °C
)il temperature		3 Specifies the actual oil pressure between 0 bar and 10 bar
	OTL PRESS O, O bar	

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# System components



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**Operating concept** 

To operate the Display E46DGA you just have to use the touch screen. This allows an easy handling and ensures the control of the vehicle by the driver.

### Diagnose Mode:

The display will go in diagnose mode when use settings menu. This allows vehicle work with the BMW- diagnose device. The diagnostic mode is finished leaving the settings menu.

#### Dimming:

To adjust the dimming, you have to press the allocated button settings menu.3 Different levels are selectable.



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#### **Operating concept**

# Sprint function

The sprint display is operated only by the driving style of the driver. So they are not any external buttons for the operation necessary.

In the stand is the stopwatch, as well as the speed to 0.

As soon as the driver accelerated the timing begins. For the first measurement, from 0 to 100 km/h, the driver will have 15 seconds. If the driver is not able to accelerate to 100 km/h, the measurement stops and the timer goes back to 0.

Is the driver able to accelererate to 100 km/h, the second measurement from 0 to 200 km/h begins. For this speed the driver has 10 more seconds, so 25 seconds to speed up to 200 km/h.

The maximum achieved times, as well as the maximum longitudinal acceleration are stored and displayed at the bottom of the display. As well, the ever reached maximum speed is represented in the upper right area of the screen.

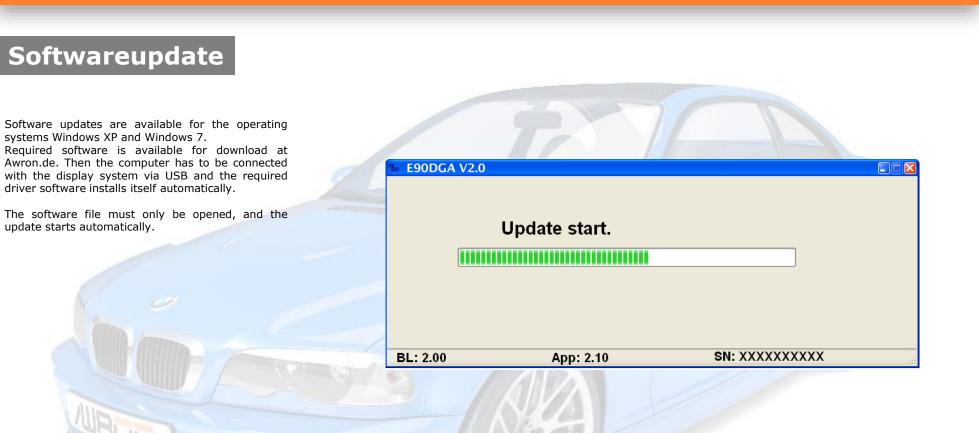
These stored maximum values are automatically replaced by new highs.

To delete these peaks, it is only necessary to press the control button for 3 seconds. There is a short display change and therefore resets all values. This is done only in the Sprint display mode.



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## **Operating concept**



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# Purchased parts package



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**Technical data** 

# E46DGA Display system

# Display

•OLED display 320 x 240

# **Cutting point**

•USB cutting point for Software update

# Case

• Plastic, original BMW air grille

# Size (length x width x depth)

• 290 mm x 105 mm x 110 mm

# Weight

• 300 g

