

The new  
BMW M4 GTS



The Ultimate  
Driving Machine

**M4 GTS**

**3.8s**  
0 to 62mph



**3.02 kg/hp**  
Power to weight ratio

**<5.0s**  
Braking time from  
124 to 0mph

"Whilst the BMW M4 Coupé represents the perfect combination of racing genes and ultimate everyday practicality, the new BMW M4 GTS is a highly emotive and exclusive special edition model that leads the way in terms of technology and was conceived for use on the race track. Despite featuring exceptional race track qualities, permission to drive the vehicle on public roads is unaffected. Racing technology for the road – in every sense."

Frank van Meel, Chairman of the Management Board of BMW M GmbH

# MOTOR SPORT DRIVEN BY INNOVATIVE THINKING.

High performance meets the power of innovation: The new BMW M4 GTS is proof that the art of engineering at BMW M GmbH has reached the next level in developing uncompromising, high-performance vehicles. A massive 500hp (368kW) of power combined with BMW EfficientLightweight technology, the intelligent use of Carbon-fibre (CFRP), Glass-fibre and aluminium create the ultimate motor sport experience – and result in an outstanding lap time of 7 minutes 28 seconds on the Nordschleife. An essential factor in achieving this result is the innovative water injection system, which significantly increases the power-efficiency ratio of the M TwinPower Turbo in-line six-cylinder petrol engine, yielding more power, more torque and outstanding direct power delivery. In fact, the top performance of the new BMW M4 GTS only knows one limit: the limited number of just 700 vehicles worldwide.

**7:28 mins.**

NÜRBURGRING  
NORDSCHLEIFE



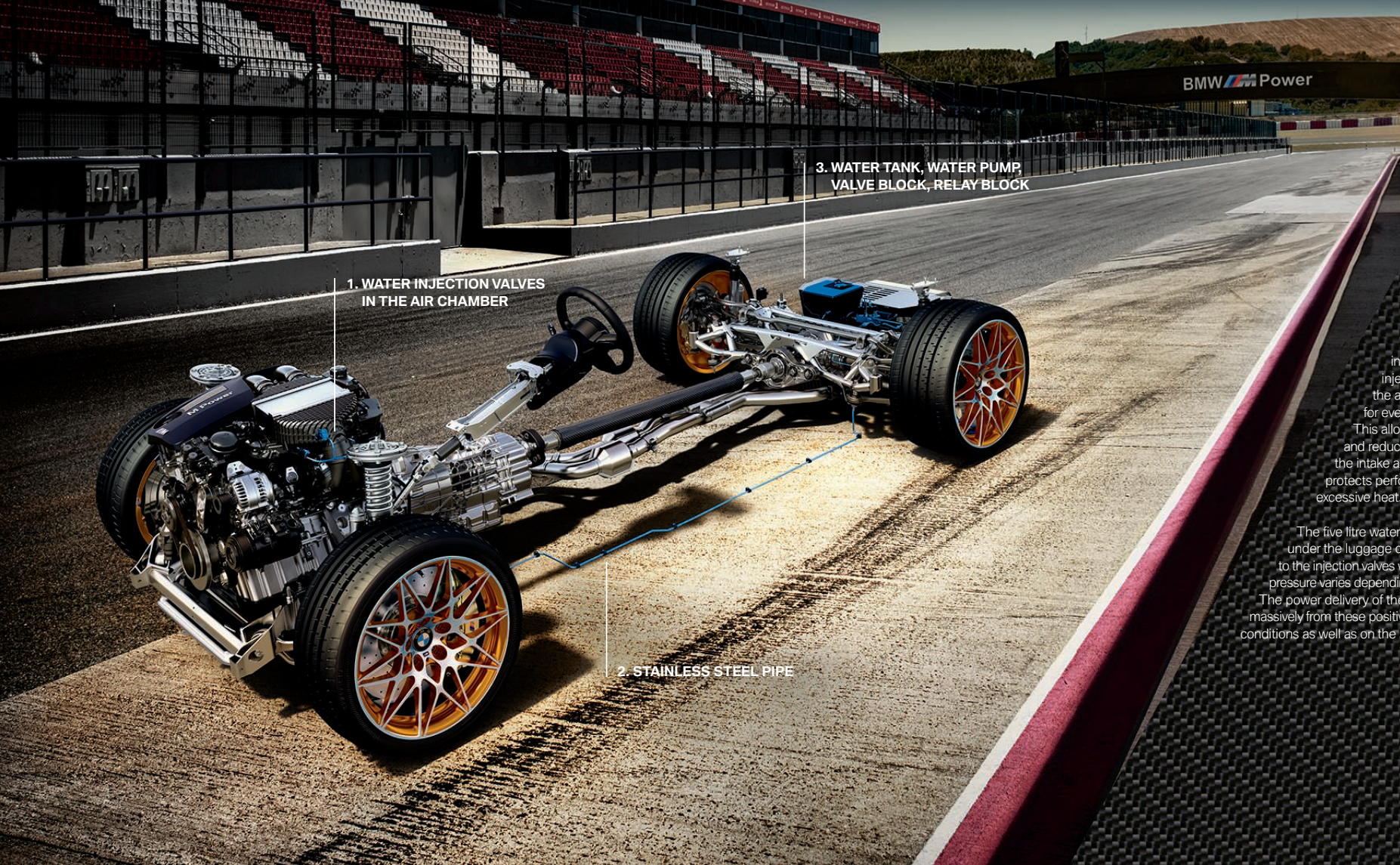


## RAW POWER. REFINED PERFORMANCE.

The new BMW M4 GTS is built based on a fundamental belief: even the best performance can be improved upon. A principle that accepts no limits, delivering impressive results:

- M TwinPower Turbo in-line six-cylinder petrol engine with water injection
- Maximum output 500hp (368kW)
- 600Nm of torque
- 0 to 62mph in 3.8 seconds
- Top speed 190mph (305km/h)
- Seven-speed M Double-Clutch transmission with Driveline for extremely swift gear changes without interruption of power transmission
- Max. 1.4 g lateral acceleration





BMW M Power

1. WATER INJECTION VALVES  
IN THE AIR CHAMBER

3. WATER TANK, WATER PUMP,  
VALVE BLOCK, RELAY BLOCK

2. STAINLESS STEEL PIPE

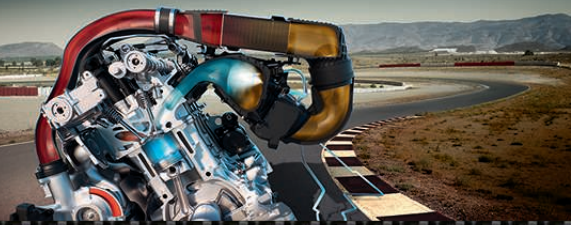
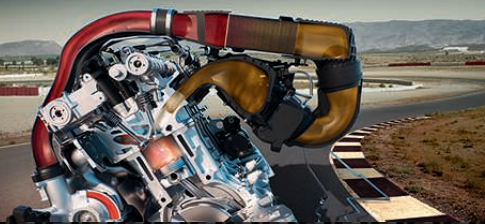
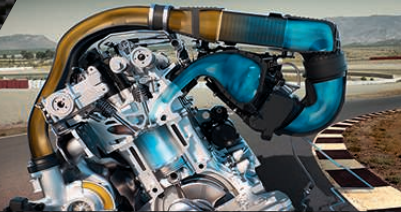
## JUST 5 LITRES OF WATER FOR 500 HORSES.

No other race track demands more from both man and machine than the Nordschleife at the Nürburgring. That's why the BMW M GmbH engineers see this as the perfect place to test and optimise the innovative water injection of the M TwinPower Turbo six-cylinder in-line petrol engine.

How does this innovative technology work?

When utilising the maximum power potential of the engine, the turbo charger compresses the air, resulting in a dramatic increase to the intake air temperature. This is where the water injection comes in. A fine mist of water is sprayed directly into the air chamber of the intake module via three injection valves for every two cylinders, in order to significantly cool the intake air. This allows a higher turbocharging pressure and earlier ignition, and reduces knocking tendency in the engine. The cooling of the intake air improves engine performance and torque, and also protects performance-related parts, such as the pistons, from excessive heat.

The five litre water tank that serves the water injection is stored under the luggage compartment. The pump pushes the water to the injection valves with pressure of 10 bar, although the actual pressure varies depending on load, rpm and engine temperature. The power delivery of the high-performance engine profits massively from these positive effects – in the toughest racing conditions as well as on the street.



# DESIGNED TO PUSH THE LIMITS.

The new BMW M4 GTS was bred for the fast lane. Engineered to combine maximum driving dynamics with outstanding agility it actually required the development of a unique coilover suspension with three adjustable settings to optimally put its enormous driving dynamic potential on the road.

The suspension settings can be specifically adjusted to suit specific driving situations and different race tracks. In comparison with the BMW M4 standard suspension, it can be lowered by up to 20mm. The damper can be set to 16 clicks in rebound phase, to 6 clicks in the high speed compression phase and to 6 clicks in the low speed compression phase. To achieve higher cornering speeds, the new BMW M4 GTS features specially developed kinematics that optimise dynamics, and the body roll stabilisation has been tuned to an even sportier level than the standard suspension.

Furthermore, for the first time at BMW the aluminium swivel bearings have been milled from one piece to reduce the unsprung bodyweight and the front axle support bearing with uni ball bearing is finished in forged aluminium. A modified steering wheel column also offers an improved and more direct response from the road.

The forged and weight-optimised M light alloy wheels in style 666 M also play a substantial part in this response and have a size of 9.5J x 19" front and 10.5J x 20" rear. Specially developed Michelin Pilot Sport Cup 2 tyres in sizes 265/35 R19 front and 285/30 R20 rear ensure best traction and steering precision for optimum road holding – even when pushing the laws of physics.





## LOWER WEIGHT THROUGH HIGH CARB DIET.

Muscles of steel, aluminium and Carbon-fibre (CFRP). At BMW, combining and using different materials intelligently has a name, BMW EfficientLightweight. The consistent use of lightweight materials reduces the vehicle weight. And the result? The simultaneous increase in dynamics and agility.

Parts such as the bonnet, front splitter, roof, tailgate and rear spoiler are all made from lightweight and high-strength Carbon-fibre (CFRP). The front splitter and rear spoiler also feature multiple adjustments, allowing the aerodynamic properties to be optimised, particularly on fast driving race track stretches. Additionally, the CFRP drive shaft has been further weight-optimised and the titanium exhaust system is also around 20 percent lighter.

A high-performance sports car such as the new BMW M4 GTS also deserves an exceptional braking system. The M Carbon Ceramic brakes are instantly responsive, can be precisely applied and decelerate with exceptional intent. With the help of a special brake protection plate, better air circulation is achieved, reducing the temperature of the brakes. This ensures that the high-performance braking system remains completely free of fade – even when used under race-track conditions.

Innovation starts in the details – and the new BMW M4 GTS combines every innovative detail into an impressive overall concept.

## PERCEPTIBLY LIGHTER.

Low weight, high quality and a proven race track record: the weight-optimised CFRP bucket seats with high-grip and hardwearing Alcantara and leather upholstery are one of the features that lower the vehicle weight and the centre of gravity – for the ultimate driving experience on the race track as well as on the road. In addition, the M Performance Alcantara steering wheel and all the controls are positioned to optimise ergonomics so the driver always retains perfect control.

A further reduction in weight is achieved by the lightweight door and side panels, whilst the puristic door handle loops create a sense of that pure racing feeling with their subtle M stripes.

Even the partition wall to the luggage compartment and the seat casings are constructed from CFRP or GRP (Glass-fibre Reinforced Plastic), in order to achieve maximum rigidity with minimal weight. For the perfect driving set-up on the race track, the optional Club Sport package with the multi-point steel roll cage in Acid Orange, 6-point Schroth Racing harnesses and a rear mounted fire extinguisher is always first choice. All this helps to heighten the motor sport experience behind the wheel of the new BMW M4 GTS – true to the BMW EfficientLightweight philosophy, lighter with every fibre.







## IN CONTROL. AT ALL SPEEDS.

A high-performance sports car such as the new BMW M4 GTS, which is specifically designed for race-track performance, must provide maximum precision handling and control. Which is why all controls in the cockpit are geared towards the driver, guaranteeing intuitive operation. The M gear lever and gearshift paddles enable gear changes in a split second. The full-colour BMW Head-up Display projects M-specific information straight into the driver's field of vision. And for even more precise steering movements, the M Performance Alcantara steering wheel features a marking at the 12 o'clock position in Acid Orange. In short, everything about the new BMW M4 GTS is about one thing: top performance.

Looks as fast as it is: The sublime M interior design creates athletic accents with Anthracite Alcantara and 'GTS' perforations in Acid Orange. Also, the BMW M lap timer app proves that driving pleasure can also be measured in milliseconds. The app enables the analysis of different data sets, such as speed, longitudinal and lateral acceleration, accelerator position, steering angle and lap times, which can then be displayed in the Control Display and optimised by the driver, and even allows you to share your best performance. Give everything in the new BMW M4 GTS.

## REAR LIGHTS THAT BRIGHTEN THE FUTURE.

The light of the future: OLED technology (Organic Light Emitting Diode) is incorporated into the rear lights of the new BMW M4 GTS. This completely new form of light technology is, for the first time in the world, fitted as standard. The OLEDs used are made from organic materials that are laminated together in thin, semi-conductive layers of 1.4 mm in thickness. This makes them more malleable and compact than conventional LEDs. A further advantage that they have over LEDs with the 'dotted' light effect is that OLEDs create an uninterrupted and homogenous light source. Coupled with the possibility of controlling individual light modules separately, they open up new options in terms of illumination and offer the utmost precision. The rear lights highlight the width of the rear, give the vehicle an even more eye-catching and powerful look, and render it unmistakable by day and night. This is the new generation of innovation. This is the new BMW M4 GTS.



# COLOUR WORLDS.



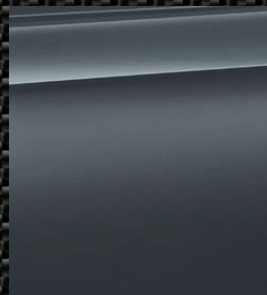
## EXTERIOR COLOURS



300 Alpine White non-metallic



475 Black Sapphire metallic



**Frozen** 490 BMW Individual Frozen Dark Grey metallic

Optional equipment

# TECHNICAL DATA.

		<b>BMW M4 GTS</b>
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Engine <sup>1,2</sup>		
Cylinders/valves		6/4
Capacity	cm <sup>3</sup>	2979
Max. output/engine speed	hp (kW)/rpm	500 (368)/6250
Max. torque/engine speed	Nm/rpm	600/5500

Performance		
Top speed	mph/km/h	190/305 <sup>3</sup>
Acceleration 0-62mph	s	3.8
Braking time 124-0mph <sup>4</sup>	s	<5.0

Weight		
Unladen weight DIN	kg	1510
Unladen weight EU <sup>5</sup>	kg	1585

Fuel consumption <sup>1,5</sup>		
Urban	mpg / l/100km	25.4 / 11.1
Extra-urban	mpg / l/100km	42.2 / 6.7
Combined	mpg / l/100km	34.0 / 8.3
CO <sub>2</sub> emissions	g/km	194

Wheels		
Wheel dimensions, front		9.5J x 19
Wheel dimensions, rear		10.5J x 20
Tyre dimensions, front		265/35 R19
Tyre dimensions, rear		285/30 R20
Material		Light alloy, forged

<sup>1</sup>The engine is designed for RON 98 fuel or higher. Lower octane fuels may also be used (no less than RON 95), with a slight decrease in performance.

<sup>2</sup>Electronically regulated.

<sup>3</sup>Dependent on individual reaction time and road conditions.

<sup>4</sup>The figure quoted includes a 90% full tank, 58 kg for the driver and 7 kg for luggage. Unladen weight applies to vehicles with standard equipment. Optional equipment will increase this figure.

<sup>5</sup>The engine complies with the EU6 emissions standard. Fuel consumption figures are determined according to the ECE driving cycle, which consists of approximately one-third urban traffic and two-thirds extra-urban driving (based on the distance covered). CO<sub>2</sub> emissions are measured in addition to fuel consumption.

Optional equipment may increase these figures. For further information about fuel consumption and CO<sub>2</sub> emissions, please consult your BMW Retailer. All technical data is provisional and may be subject to change.

The models illustrated in this brochure show the specifications for vehicles produced by BMW AG for the German market. In part, they include optional equipment and accessories not fitted as standard. According to the specific requirements of the markets of other European Union member states, alterations in models, standard and optional equipment, as described in this brochure, may occur. For more information about country-specific vehicle versions, please contact your local BMW Retailer. The images and product descriptions are subject to changes in specific details. Part number 92 00 0 014 015, November 2015.

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BMW M



The Ultimate  
Driving Machine

LIMITED EDITION