



**M Motorsport**



# THE ICON.

THE NEW BMW M4 GT3 RACE CAR

# FOREWORD.



## Dear friends and fans of BMW M Motorsport

We are delighted to present our new top model and successor to the BMW M6 GT3, the BMW M4 GT3.

The M4 GT3 has been developed on the basis of the sixth generation BMW M4 Coupe. Both the M4 Coupe and the GT3 variant are icons of BMW M and prime examples of the technology transfer between series production and motorsport. In each model, our engineers have combined the best of both worlds and created a top-of-the-range model that will cause a sensation on race tracks around the world and in North America.

The BMW M4 GT3 first hit the track on July 18, 2020 and has undergone an extensive testing program since. In 2021, the M4 GT3 will enter selected races around the world to continue testing under real competition conditions. This means we will be able to offer you a fully developed race car from the start of the 2022 season. Private drivers and teams will then be able to compete for victories and titles with our new top model in all GT3 racing series and endurance classics, including the IMSA Weather-Tech SportsCar Championship, GTD Pro and GTD Classes and SRO GT World Challenge America.

In the BMW M4 GT3, we have developed a vehicle that will continue the long and successful tradition of BMW M vehicles in GT racing. You too can be part of this success story! Please enjoy this brochure and start familiarizing yourself with the M4 GT3. It won't be long before you can step behind the wheel.

**Victor Leleu,**  
Motorsport Manager, BMW of North America



# THE NEW BMW M4 GT3.

Improved drivability, refined ergonomics and state-of-the-art technology. The focus during development has been on allowing a more predictable driving behavior, driver-focused functionalities and simplifying trackside operations.



# WHAT YOU CAN LOOK FORWARD TO.

BMW M4 GT3 - Standard Equipment.



# TECHNICAL DATA.



1308



1065	2917	934
5020		



2040

## DIMENSIONS.

### Length including Splitter and Rearwing

5,020 mm / 197.64"

### Width incl. mirrors

2,040 mm / 80.31"

### Height

1,308 mm / 51.50" variable

### Wheelbase

2,917 mm / 114.84"

## ENGINE.

### Engine

Six-cylinder in-line, four valves per cylinder

### Technology

M TwinPower turbo technology, direct injection

### Capacity

2,993 cc

### Output

Up to 590hp, depending on Balance of Performance (BoP)

### Engine management

BOSCH MS 6

### Exhaust system

Motorsport-specific exhaust system

## CHASSIS.

Chassis with DMSB-certified welded safety roll cage

(compliant with latest FIA regulations),

manufactured by BMW M Motorsport

Bodywork made from CFRP, quick releases

Makrolon® screens, Frontscreen heated

Front splitter, adjustable

Motorsport rear wing, adjustable

Air jack system

Lightweight motorsport wiring harness

BMW M Motorsport safety Race Seat

Air conditioning

Adjustable steering column and pedalbox,

Travelsensor kit for Brake pedal (optional)

Fast filling connectors for engine and gearbox oil

## DISPLAYS.

Bosch DDU 10

Bosch Cas-M3 (optional)

## DATA ANALYSIS / LOGGING.

Integrated USB Logging

Basic Data analysis Layouts based WINDARAB

## TRANSMISSION.

6-speed transaxle transmission, controlled by the ECU,

X-Trac G1337

Final drive with mechanical differential lock with

separate cooling

Purpose-built output shafts with wheel bearings adapted for

motorsport

## LIGHTS.

Motorsport specific bi-LED Headlights,

yellow illuminated Icons

LED Rearlights (optional)

Grid number illumination for doors and roof (optional)

## WHEELS / TIRES.

12.5 × 18 inch alloy wheels, front

13.0 x 18 inch alloy wheels, rear

Tires: Slick VA 30/68-18 ; HA 31/71-18

LDL TPMS System (optional)

## DRIVER ASSISTANCE SYSTEMS.

Adjustable TC

Adjustable ABS

## BRAKES.

6-piston, fixed caliper front

4-piston, fixed, caliper rear

Diameter of brake discs (front / rear)

390 x 36 mm (15.35" x 1.42")

Fast couplings for brake lines

Quick change system for brake calipers and discs

## SUSPENSION.

Motorsport-specific suspension links

Adjustable motorsport stabilisers front and rear

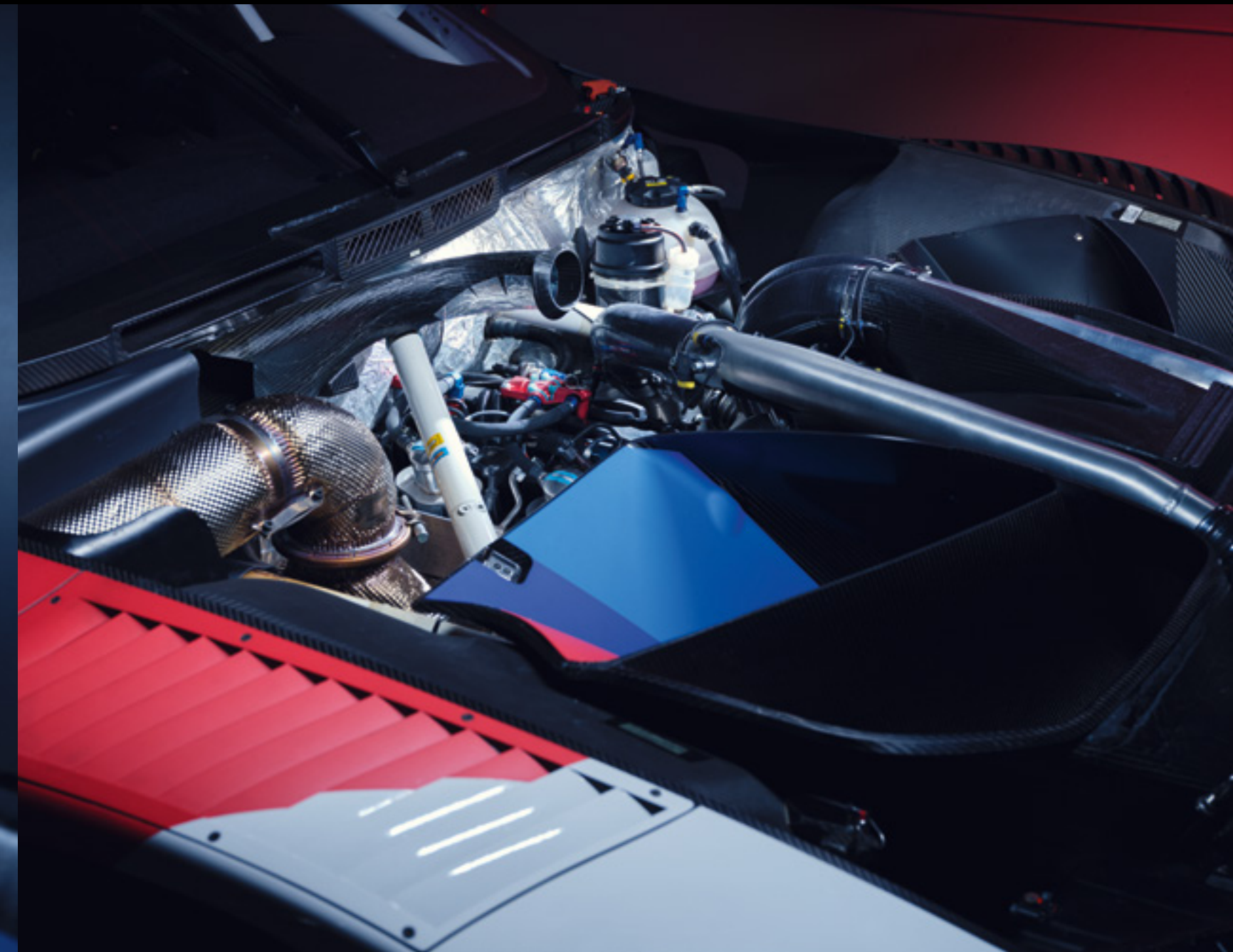
KW Motorsport shock absorbers front and rear, 5-way

Suspensions spring options

Ride height adjustment via shims

Spring travel measurement system (optional)

# THE FOUNDATIONS OF SUCCESS.



The steel chassis produced at the BMW plant in Regensburg, has a welded-in safety cell which fully meets the latest FIA safety standards, in conjunction with the permanently bolted BMW M Motorsport racing seat.

Motorsport-specific electronics from BOSCH Motorsport help manage the engine, transmission, ABS, traction control and displays. It meets the latest requirements and enables a wide range of versatile settings.

Developed with high-end and state-of-the-art racing components like fast brake calliper and disc exchange systems, fast couplings for brake lines and an optional refuelling counter display, to ensure ease of maintenance and simplified trackside operations.

# AND THERE'S MORE.



One of the key development objectives was to simplify regular trackside operations. To do this BMW M Motorsport has developed an intuitive, integrated tool. The BMW M Track Cockpit allows teams to make relevant settings directly in the vehicle via the display and steering wheel without the use of a laptop or special software. Functions such as a PitTimer are also fully integrated and can already be used in the base model without additional equipment.

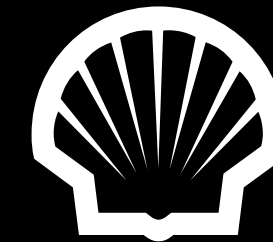
The BMW M4 GT3 cockpit includes a dashboard mounted BMW M Track Cockpit system to check and adjust systems, sensors and settings, a BMW M Motorsport carbon racing seat for maximum safety and comfort, interior lighting as standard, dimmer function for switches and displays and an adjustable steering column and pedal box.

# BUILDING AN ICON.

The BMW M4 GT3 is designed to race. By making use of the collective know-how of BMW M Motorsport and BMW's production resources, including the cooling/air-conditioning system, BMW Aerolab aero development, chassis development by the Regensburg plant, as well as on BMW's own test tracks, the BMW M4 GT3 has been consistently prepared for use on the world's most demanding race circuits. Both the development and the production of the new BMW M4 GT3 have been coordinated by BMW M.



# OUR DEVELOPMENT PARTNERS.



## AKRAPOVIČ.

Akrapovič is the leading manufacturer of high-quality exhaust systems for motorbikes and high-performance cars. Founded in Slovenia in 1991 by former motorbike racer Igor Akrapovič the company has built an international reputation by successfully supporting leading race teams.

[www.akrapovic.com](http://www.akrapovic.com)

## ENDLESS.

Endless Brake Technology Europe AB handles all sales and technical support including dealers and customer teams. They are also responsible for product development and product customisation for Europe and have a direct technical and support collaboration with Endless Advance Co. Ltd. in Japan who manufacture these top of the range braking products.

[www.endless-brake.info](http://www.endless-brake.info)

## FANATEC.

Fanatec offers realistic hardware for racing simulations, made by sim racers for sim racers. Together with close partner BMW Motorsport, Fanatec is working on products that bring real and virtual motorsport even closer together. For example, the BMW M4 GT3 podium steering wheel is the first steering wheel to be developed and built simultaneously for the simulator and for the real racing car by Fanatec in cooperation with BMW Motorsport.

[www.fanatec.com](http://www.fanatec.com)

## BMW M PERFORMANCE PARTS.

BMW's motorsport DNA can be felt in every component and product from BMW M Performance Parts. Developed with in-depth motorsport experience and expertise, they are perfectly tailored to each respective model and can be combined to meet individual requirements. Retrofit components from BMW M Performance Parts, for the drive train, chassis, aerodynamics and cockpit, significantly improve driving dynamics and emphasise the sporting intentions, the exterior appearance and the interior ambience of the vehicle in question.

[ShopBMWUSA.com](http://ShopBMWUSA.com)

## H&R.

H&R Spezialfedern GmbH & Co. KG is one of the world's leading manufacturers of high-quality suspension components. H&R stands for intensive technology transfer from international motorsport to the development of innovative suspension components for road cars.

[www.h-r.com](http://www.h-r.com)

## KW AUTOMOTIVE.

KW automotive is the market leader and innovation driver for individual suspension solutions for road and racing vehicles. With its immense suspension portfolio, state-of-the-art production technology, development and test centre as well as tuning services on the KW 7-Post driving dynamics test bench, KW has been operating successfully in racing and on the road for over 20 years.

[www.kwsuspensions.de](http://www.kwsuspensions.de)

## SCHAEFFLER.

For more than 70 years, the Schaeffler Group has been driving innovations and developments in the areas of motion and mobility as a leading automotive supplier. The company produces precision components and systems for powertrains and chassis as well as rolling and plain bearing solutions for a wide range of industrial applications.

[www.schaeffler.de](http://www.schaeffler.de)

## SHELL.

Shell Lubricants produces a comprehensive range of lubricants. Their involvement in motorsport, including their partnership with BMW Motorsport, provides a rigorous testing environment to transfer the latest lubricant technology from the race track to the road.

[www.shell.de](http://www.shell.de)

# SERVICE AND SUPPORT.

BMW  POWER  

## TECHNICAL SUPPORT.

- Engineering support to US for customer racing teams from BMW of North America support engineers.

## PARTS SUPPLY.

- Parts supply via BMW of North America including trackside support (2022).
- North American sales and distribution through authorized BMW M Motorsport dealers.
- Parts supply also for older BMW M Motorsport vehicles.

## ON SITE SPARE PARTS SUPPORT.

- Parts supply for BMW GT3 vehicles, BMW M4 GT4 and BMW M2 CS Racing at selected race events throughout the US with up to two BMW M Motorsport spare parts trucks.
- On-site technical support and consulting services provided by BMW of North America engineers and parts experts.

## DRIVER SUPPORT.

- Support to customer racing teams by BMW of North America racing drivers.

## CUSTOMER SPORTS PORTAL.

- Access to exclusive customer sports portal, with essential information such as spare parts catalogue, construction manuals, running time information, safety instructions, etc.

## CONTINGENCY.

- Dedicated contingency programs in IMSA and SRO America events for M4 GT3, M4 GT4 and M2 CS Racing.
- Prize money for podium finishes, championship wins and street loaner vehicle for best-ranking BMW customer team in select racing series and classes.

# IMPORTANT NOTES.

BMW M Motorsport customer Race Cars.



## SAFETY AND SECURITY.

The Racing Vehicle has been specially developed and designed for participation in competitions supervised by sporting authorities (circuit races) on FIA-tested, permanent or temporary, closed tracks with solid surfaces (asphalt, concrete, etc.) and preparatory tests. It is therefore not recommended to operate the Racing Vehicle outside such tracks/events.–The Racing Vehicle is not approved for use on public roads and does not comply with the locally applicable road approval regulations. It is therefore expressly pointed out that the operation of the Racing Vehicle, as well as all work on the Racing Vehicle, must be carried out in compliance with the valid guidelines and regulations of the local (traffic) authorities, health protection regulations, accident protection regulations and environmental protection regulations as well as any other applicable legal provisions.–BMW NA recommends that all repair, maintenance and adjustment work be carried out by Authorized M Motorsport dealers or equally qualified professional mechanics. Any attempt to carry out repair, maintenance or adjustment work without appropriate training, tools and equipment may result in serious injuries (including death) to yourself or others. In addition, vehicle damage or malfunctions of the Racing Vehicle can occur.–The (functional) safety and security of the Racing Vehicle is only ensured if the instructions in the manual are strictly followed. It is therefore mandatory to read and understand the information in the manual. If you have any questions about the content of the manual, please contact your Authorized M Motorsport dealer or send an e-mail to BMW-M-Motorsport@bmwna.com.

Due to the Racing Vehicle's intended purpose of use on race tracks, the Racing Vehicle design is geared towards lightweight construction. As a result the Racing Vehicle has a reduced durability compared to road-legal series production vehicles. For this reason, it is mandatory to strictly follow the instructions regarding handling, service, and maintenance intervals of the Racing Vehicle and running times of the components (as specified in the vehicle manual).–Due to the Racing Vehicle's intended purpose of use on race tracks, the vehicle is equipped with built-in safety equipment such as safety cell, fire extinguishing equipment, safety belts, safety fuel tank and certified racing seat in order to protect the driver. Some of these safety devices have a limited durability and must be checked regularly and replaced if necessary.–After an accident and/or potential damage to the installed safety equipment such as the safety cell, fire extinguishing equipment, safety belts, safety tank and certified racing seat, the Racing Vehicle must

be checked for damage by a recognized technical inspector, an Authorized M Motorsport dealer or an equally qualified professional mechanic and may only be reused after repair and release by the person performing the check and repair.–In order for the safety equipment in the Racing Vehicle to be fully effective, BMW NA recommends that the driver also wears up-to-date (FIA) certified safety equipment, consisting of helmet, shoes, gloves, HANS system and fireproof racing suit.–In addition to the above mentioned safety equipment, there are various components of the Racing Vehicle (see manual) which must also be in perfect condition for safe operation of the Racing Vehicle. All these components must also be checked for damage after accidents and atypical driving maneuvers and, if necessary, serviced or replaced.

## OTHER CONDITIONS.

Due to the competition-induced endeavors of manufacturer and Purchaser to achieve highest performance through design, manufacture and operation, the Seller neither warrants a certain minimum performance, nor minimum endurance. Vehicles and Ports are to be used in motor sports only and not in public traffic. Due to their special design for motorsport purposes the vehicles require professional maintenance and drivers need a special racing training. Otherwise the driver and third parties can be exposed to significant risks. The Purchaser undertakes to observe this and to provide the relevant information from BMW Motorsport (including technical bulletins/information) and conditions to any other user / new owner. In the case of a resale, the new owner of the car should notify the Authorized M Motorsport Dealer and BMW NA in order to receive safety-related information. Please give your Purchaser the information mentioned in this section, as well as important information on BMW M Motorsport customer racing cars. In case of doubts the Authorized M Motorsport Dealer and BMW NA are available for detailed information.