

Perfection improved

# MERCEDES-AMG GT3 & GT4



**AMG**  
MOTORSPORT





# STRIVING PERFORMANCE

Motorsport is the battle against an opponent that refuses to stand still – time. Only those who keep moving and continue developing can stand the test of time. This is also the underlying philosophy of the Mercedes-AMG Customer Racing programme. Developing the finest vehicles, offering the most comprehensive programme and providing maximum support is not enough for us. We strive every single day to surpass ourselves and to make our customers winners.

With this in mind, we present the new Mercedes-AMG GT3 and alternativ and the new Mercedes-AMG GT4. They will continue the success of our GT family into a new decade. Their road counterpart is the new Mercedes-AMG GT R PRO<sup>1,2</sup>, which has motorsports in its genes more than any other Mercedes-AMG standard production model.

<sup>1</sup>Urban/extra-urban/combined fuel consumption: 16.7/9.9/12.5 l/100 km; CO<sub>2</sub> emissions combined: 284 g/km. <sup>2</sup>For more information about the official fuel consumption and the official specific CO<sub>2</sub> emissions of new cars, see the “Leitfaden über den Kraftstoffverbrauch die CO<sub>2</sub>-Emissionen und den Stromverbrauch neuer Personenkraftwagen“ (guide regarding the fuel consumption, CO<sub>2</sub> emissions and electricity consumption of new cars), which is available free of charge at all sales outlets and from DAT Deutsche Automobil Treuhand GmbH ([www.dat.de](http://www.dat.de)).





# NATURAL BORN LEADER

The new Mercedes-AMG GT3 is the consequential development of one of the most successful and popular customer sports vehicles in the world.

The GT3, which was launched in 2015, has clocked up 170 race victories and immediately set new standards in terms of performance, safety, reliability, handling and ergonomics. Its successor, which was introduced in 2019, goes further in each of these areas. It establishes a new level of efficiency and user friendliness and comes with a spectacular new design.



# POWER MEETS PRECISION

Maximum reliability, impressive performance and excellent driveability have been part and parcel of the Mercedes-AMG GT3 since the very beginning. It draws its power from a 6.3-litre V8 high-rev naturally aspirated engine with highly user-friendly technology.

The power is controlled by a sequential six-gear racing transmission, which allows extremely fast gear changes and which has an externally adjustable differential. The weight-optimised construction of the GT3 with an aluminium spaceframe and carbon bodywork helps to enhance its dynamic abilities.

Perfectly set up, the chassis features double wishbone axles with multi-adjustable dampers. In conjunction with the balanced weight distribution, this ensures high-precision handling. Precise feedback ensures that even less experienced drivers can quickly find confidence in the Mercedes-AMG GT3.





# OUTSTANDING IN VARIOUS WAYS

Simpler, more intuitive, more effective and cost-efficient: the evolution model of the Mercedes AMG-GT3 optimises races in various ways. Its innovations ensure enhanced performance, not only for the driver, but also for the mechanics and engineers.

## Setup

- Quick adjustment of rear wing and easily adjustable front splitter
- Rear track rod precisely adjustable
- Reduction of screw connections for more effective work

## Assistance

- Optimised traction control for even more sensitive driving that is easy on the tyres
- Adjustable racing ABS: tailor-made for the latest generation of tyres
- Optional drop-start function when unloading from the air lifting unit

## Light

- New, powerful LED headlights for optimal track illumination
- Optional high-performance additional lights for use in endurance races

## Interior

- Optimised drink system for faster bottle change
- Rubberised grips on steering wheel for improved grip and more damping
- Optional seat and helmet ventilation for enhanced comfort and better concentration

## Design

- New front apron, flics, front diffuser, rear apron for improved aerodynamics
- Striking dynamic look in combination with new lighting concept

## Efficiency

- Optimised rebuild concepts for lower running costs
- New integral subframe and optimised vehicle front for higher protection level of engine and radiator, reduced spare parts requirement and faster parts replacement

## Tracking

- World first in racing vehicles and exclusive system from Mercedes-AMG: automatic runtime tracking of components for precise recording of runtime-relevant components as well as complete transparency for parts replacement





# GENTLEMEN, START YOUR ENGINES

The Mercedes-AMG GT4 is the perfect way to enter the fascinating world of GT sport. It is based on the Mercedes-AMG GT R Coupé<sup>1,2</sup>, which is already racking up some notable performances on the track as a production sports car. The near-series concept of the GT4 combines sophisticated racing technology with maximum safety, stability, efficiency and user friendliness.

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# RACING CLASS HERO

The Mercedes-AMG GT4 is powered by a 4.0-litre V8 engine with direct injection and biturbo charging. The proven series technology of the front mid-engine enables particularly long runtime and still has enough potential power in store for the future.

In addition to its closeness to series production, the GT4 is also equipped with a safety feature that sets it apart from its competitors just as much as its thoroughbred motorsport technologies – from the airlift unit and polycarbonate glazing to the ultra-light CFRP body parts (bonnet, wings, front apron). Also specific to motorsports is the 6-gear racing transmission with externally adjustable differential.

Its chassis with double wishbone axles, adjustable rebound and compression dampers and adjustable anti-roll bars ensures precise steering behaviour and exceptional agility. The ABS is multi-adjustable and, like the AMG TRACTION CONTROL, is based on GT3 technologies.

Thanks to optimized engine cooling, the Mercedes-AMG GT4 can always deliver top-class performance even in very hot conditions. The completely new brake system featuring even more effective cooling is designed for extreme conditions. Extra-strong rear track rods and a larger brake fluid reservoir have a positive impact, particularly for endurance racing.



# PERFORMANCE RELOADED

Countless victories, including in the 24 Hours Nurbürgring race, are evidence of the highest level of competitiveness and underline Mercedes-AMG's rise to become one of the leading brands in the GT4 segment. To mark the ten-year anniversary of Customer Racing in 2020, the Mercedes-AMG GT4 is getting a technology upgrade that highlights the connection to the new GT3 and the entire GT family.

## Technology

- Optimized brake cooling on front axle with larger brake air inlet duct
- Semi-rigid brake air hoses with increased diameter
- New carbon brake air scoop, adapted heat shield and optimized brake caliper adapter for increased airflow
- Expanded brake fluid reservoir simplifies use in long-distance races
- New brake disks and rotors for easier installation
- Improved engine cooling thanks to new oil cooler position, carbon radiator frame and carbon gurney on the hood
- New rear track rod based on GT3 for improved durability during endurance races

## Design

- Overhauled appearance with new headlights and tail lights
- Striking design of the current Mercedes-AMG GT family

## Light

- New, powerful LED headlights for optimal track illumination

## Drive

- Proven 4.0-litre V8 engine with direct injection and biturbo charging
- Power transmission via a sequential six-gear racing transmission with adjustable differential

## Dynamics

- Precise feedback for rapid confidence building for drivers of all levels
- Racing-specific traction control and multiple-adjustable ABS based on GT3 technologies
- Neutral driving behavior for easy determination of individual track set-up efficiency

## Electronics

- User-friendly and service-friendly racing electronics on GT3 basis
- Innovative torque control for optimal dosing and driveability



A detailed view of the interior of a Mercedes-AMG GT3 or GT4 race car. The cockpit features a carbon fiber seat shell with integrated headrest, a steering wheel with multiple control buttons, and a central console with various switches and buttons. The dashboard and center console are made of carbon fiber. The car is on a racetrack, with a blue and white striped barrier visible through the windshield.

# BENCHMARKS REDEFINED

## Safety

The Mercedes-AMG Customer Racing vehicles offer the most comprehensive level of safety in their class and the highest protection in accordance with FIA standards. The central element is the carbon seat shell with integrated headrest, which offers far greater protection than conventional racing seats. The safety roll cage made from high-strength steel is bolted to the aluminium spaceframe and there is an emergency hatch in the roof of the vehicles. An efficient fire extinguishing system rounds off the safety concept.

## Ergonomics

All controls in the Mercedes-AMG GT3 and GT4 are intuitive and easily accessible. The central console is inclined towards the driver. Backlit markings ensure optimal visibility even at night. The carbon safety cell offers ample room even for tall drivers, while the excellent interior air circulation improves concentration. Both vehicle models can be equipped with air conditioning and adjustable seat and helmet ventilation if required.

## Operating costs

Deployment costs are a central issue in customer sport. In order to reduce them further, we have further optimised the already high stability of GT3 and GT4. In the evolution model of the GT3, this was achieved by new revision concepts for the engine and transmission, among other things. The new integral carrier and the optimised front end also have a positive effect on economy: Sensitive areas such as the engine and radiator are thus even better protected, which reduces the need for spare parts, among other things. The innovations in the GT4, such as the more robust track rods on the rear axle, also contribute to lower running costs.





# TESTED TO PERFECTION

The Mercedes-AMG Customer Racing vehicles are highly competitive from the very first lap. To achieve this, they go through an intensive testing and trial phase in which we work closely with our Customer Racing teams.

The vehicles have clocked up thousands of kilometres on various tracks throughout Europe and the USA as prototypes in order to ensure qualifying performance and reliability during sprint and long-distance races. The Mercedes-AMG GT3 and GT4 have mastered 35 and 30-hour endurance tests with ease.

The final part of the test programme involved testing under race conditions. Our test teams took part in endurance races on the famous Nürburgring-Nordschleife. To gather as much information as possible and incorporate this into continued development, ambitious amateur drivers were also behind the wheel as well as Mercedes-AMG factory drivers. The result of this is vehicles that inspire drivers of all levels.



# SUPREMACY IN NUMBERS

	Mercedes-AMG GT3	Mercedes-AMG GT4
Engine	AMG 6.3-litre V8 naturally aspirated engine (6,208 cm <sup>3</sup> )	AMG 4.0-litre V8 biturbo engine (3,982 cm <sup>3</sup> )
Transmission	Sequential AMG 6-gear racing transmission	Sequential AMG 6-gear racing transmission
Electronics	Motorsports electronics incl. multiple-adjustable ABS and AMG TRACTION CONTROL	Motorsports electronics incl. multiple-adjustable ABS and AMG TRACTION CONTROL
Wheels/Tyres	AMG alloy wheels, 18", forged [FA 325 /680-18 / RA 325 /705-18]	AMG alloy wheels, 11 x 18", forged [FA 305 /660-18 / RA 305 /680-18]
Brakes	[FA 390 mm/RA 355 mm] Brake balance configuration via beam	[FA 390 mm/RA 355 mm] Brake balance configuration via beam
Chassis	Double wishbone FA/RA Configurable motorsports rebound and pressure dampers, configurable stabilisers	Double wishbone FA/RA Configurable motorsports rebound and pressure dampers, configurable stabilisers
Weight	1,285 kg*	< 1,390 kg*
Tank volume	120 litres, motorsports safety tank	120 litres, motorsports safety tank
Length	Max. 4,746 mm	Max. 4,619 mm
Width	Max. 2,049 mm	Max. 1,996 mm
Height	Max. 1,238 mm	Max. 1,284 mm

\*Depending on BoP classification.



# IN VICTORY LANE SINCE 2010

Mercedes-AMG has been committed to GT racing since 2010. Ten years in which we have been building exciting racing cars for our customers that are poised for victory right from the start – from the SLS AMG GT3 to the latest versions of Mercedes-AMG GT3 and GT4. We look back upon ten years during which we have celebrated great achievements together. Ten years in which we have set new standards. Ten years that are just the beginning.

Within the course of a decade, we have built the world's largest GT3 customer sports programme. More than 90 active teams from all over the world lead the almost 400 race cars from Affalterbach produced to date to new victories and records time and again. Since 2010, we have recorded a proud total of 416 overall victories and 785 class victories in over 120 race series.

One of our sporting milestones was the Grand Slam in 2013, when the SLS AMG GT3 won the major endurance races in Dubai, Bathurst, Spa and at the Nürburgring. The biggest single success to date was achieved in 2016: the historic quadruple victory of the Mercedes-AMG GT3 at the 24 Hours Nürburgring race. And at the legendary Macau GP, the 'Olympus' for GT3 manufacturers, Mercedes-AMG celebrated its fourth victory since 2014.

In 2018 and 2019 alone, there were a total of 15 titles to celebrate in the sprint and endurance competitions in the Blancpain GT Series. Our record in North America is equally impressive, where Mercedes-AMG enjoyed victory in the IMSA Michelin Endurance Cup for the third year in a row in 2019. Our Customer Racing teams and drivers have immortalised themselves in the winners' and championship lists of virtually every GT series across the globe over the last ten years.





# THE FULL PACKAGE

The Customer Racing teams are some of the most important global ambassadors of the Mercedes-AMG brand. Accordingly, our programme is built around maximum support. We share our technology, expertise and manpower to help our customers achieve maximum success.

## **Service and benchmark innovations**

Support ranges from initial start-up of the vehicle and technical training to on-site service with spare parts trucks and support engineers at most races. Benchmark innovations also include an automatic tracking system for the running times of vehicle components, a rental service for race cars and the opportunity to strengthen your team with professionals from the Mercedes-AMG Driver Pool.

## **Online portal as a central mastermind**

The Customer Service Portal (CSP), which enables teams to request spare parts, assistance, information and updates around the clock, is truly game-changing. With its wide range of functions, ease of use and transparent architecture, the system is the central replacement platform for the entire programme. The CSP also includes a constantly growing database of the race results of all Customer Racing events since 2010.

## **Customer Racing Championship**

In addition to the archives, the database is also used to determine the winners of the Mercedes-AMG Customer Racing Championship. With the intra-brand competition which we introduced in 2015, we honour the performances of teams and drivers who earn points from races throughout the season. Attractive prizes are awarded in the different categories – from valuable credits and exclusive prizes from Mercedes-AMG partners to new vehicles from Mercedes-AMG for the championship winners.



# JOIN THE WORLD'S FASTEST FAMILY

From normal to adrenaline in the space of a few seconds. This is the world of the AMG Driving Academy – the world's fastest family brings performance-loving people together at unique driving events.

With the AMG racetrack training events, the AMG Driving Academy offers a modular training concept, with which you can gradually reach your personal limits on spectacular racetracks. Enjoy the intensive, personal support of an experienced instructor and optimise your driving skills with the aid of the latest analysis methods. As a special highlight, you will learn all about the Mercedes-AMG GT3 or Mercedes-AMG GT4 in the AMG Masters.

For more information, please contact the independent travel operator AMG Experiences GmbH.

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With its 'Passion for Good' initiative, Mercedes-AMG is further expanding its partnership with the 'Laureus Sport for Good Foundation' and is making a long-term commitment to the foundation which was co-founded by Mercedes-Benz in 2000. 'Passion for Good' connects AMG's greatest passion, motorsport, directly with the new charity initiative. For every kilometre driven by the Mercedes-AMG Customer Racing performance teams in the GT3 racing series, Mercedes-AMG donates one euro to projects undertaken by the 'Laureus Sport for Good Foundation'. Mercedes-AMG is fulfilling its social responsibility with this commitment and is supporting the important work of the 'Laureus Sport for Good Foundation' with disadvantaged children and young people.

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