Before engaging in any racing or competitive driving event, carefully review the applicable provisions in your New Vehicle Limited Warranty booklet.
Earning a name in motorsports requires more than attaching your logo to a racecar. For nearly half a century, Mercedes-AMG has been dreaming, developing, crafting—and most importantly, racing—racecars. The most successful team in DTM history, AMG has also earned a dozen GT3 championships and two Formula 1® titles. The high-performance AMG automobiles that you can relish driving home every night are developed by the same team of passionate professionals who bring trophies home from the track. For 2016, there’s a new sports car developed from road to roof by Mercedes-AMG. Fifty engineers—including AMG race drivers—flogged, flailed and fine-tuned 100 prototypes up 11,000-ft Utah mountains, at –22°F Swedish sunrises, through 122°F Death Valley heat, and over 21,000 miles on the Nürburgring Nordschleife alone. Introducing the AMG GT S: a pure sports car in perfect balance—created and crafted to send your heart racing, in every sense of the phrase.
A 509-lb sculpture of aluminum, magnesium and a hint of steel shapes the future of a performance legacy. The long hood and strong shoulders reveal the natural balance of the powertrain, and of its performance skill set: Lightness, with each of its 503 hp carrying just 7.3 lbs. Aerodynamics, with every intake, outlet, spoiler and diffuser feeding air in, drawing heat away, generating downforce, and luring the eye. Brilliance, with the superlative visibility and visual signature of full-LED lighting. And distinction, with gloss or matte paintwork, three styling packages, and six wheel choices, so each AMG GT S can be the pure reflection of its driver.
AMG GT S shown with optional Magno Iridium Silver paint, cross-spoked forged wheels in Black, and AMG Night Styling Package.
The 503-hp biturbo V-8 of the AMG GT S is built using the same principles as the engines powering AMG’s Formula 1, DTM and GT3 racecars. Each engine is hand-built by its own master craftsman, from the inspection of each part to final testing. In a sports-car first, AMG engineers have developed a completely new engine teaming dry-sump lubrication with a “hot inside V” turbo setup. With no oil pan, the V-8 is mounted 2.2” lower and further back, improving front/rear balance and lowering the car’s center of gravity. The two intercooled turbos nest between the cylinder banks—a compact design that eradicates turbo lag while enhancing efficiency.
High-pressure dry-sump lubrication can circulate all 9.5 quarts of motor oil in the external reservoir through the engine at a rate of 4.4 quarts/second. In addition to reducing the overall engine height to allow its low, front-mid mounting, the system’s suction pump and pressure pump assure consistent oil flow even under the high g-forces of hard corners. Cooling of the engine oil, transmission fluid and differential gear oil is managed by a separate circuit for each system.

Twin, quick-spooling turbochargers can achieve 186,000 rpm and 16 psi of boost. Their placement in the “hot V” between the cylinder banks shortens their pumping paths, cutting pressure loss and lag. Powerful twin intercoolers feature a dedicated cooling system that circulates up to 10 gallons/minute. They can chill the compressed charge from 280°F at the turbos’ exit, to within 45°F of the outside temperature as it reaches the combustion chambers—maximizing its air density.

AMG-patented NANOGLIDE® technology plasma-sprays the cylinder walls using an electrical arc—a technology transferred from AMG’s F1 racing engines. It creates a mirror-smooth, low-friction finish that’s twice as hard as steel. The cylinder bores are honed with a dummy head bolted in place, for greater dimensional accuracy when the forged pistons and low-friction rings are installed. The V-8 delivers higher performance, efficiency and endurance with a best-in-class 461 lb dry weight.

Third-generation Direct Injection pressurizes gasoline to 2,900 psi. Within milliseconds, piezo injectors can atomize the fuel in an ultra-precise pattern that’s optimized in real time. Each spark plug can rapid-fire four times in a millisecond, for the strongest, cleanest combustion. The AMG Dynamic Performance Exhaust can actively bypass its rear muffler, unleashing the compact 4.0-liter V-8’s unmistakable symphony of snarling revs, open-throttle crescendos, and crackling deceleration.
POWER OF BALANCE.

The dynamically ideal 47/53 front/rear weight distribution of the AMG GT S comes from its front-mid-engine/rear-transaxle layout. Weighing less than 9 lbs, a carbon-fiber driveshaft transfers the biturbo V-8’s enormous power from within a highly rigid aluminum torque tube. The transaxle unites the 7-speed dual-clutch gearbox and new electronic limited-slip differential in one housing. Every chassis element helps optimize weight, balance, agility and feedback—from the forged aluminum double-wishbone suspension to brake calipers oriented toward the car’s center.
A 47/53 front/rear weight distribution is the ideal setup for a car in motion. At launch, it helps the 295/30R20 rear tires turn grip into acceleration. Along with the low center of gravity, it reduces inertia when changing direction. Braking into corners—when the weight naturally shifts forward—it minimizes understeer. And powering out of a corner, it helps you get back up to speed more quickly.

Balanced performance is the direct result of the car’s ideal balance. Lowering weight and elevating rigidity are the simultaneous goals evident from the body structure to the running gear. The body is 90% aluminum—strategically cast, stamped and extruded to combine extremely high longitudinal and torsional rigidity with a class-benchmark weight of just 589 lb for the body-in-white. To minimize inertia ahead of the front axle, the upper radiator crossmember is made from even lighter, stronger magnesium.

Racing-bred AMG Adaptive Suspension uses forged aluminum double wishbones and hub carriers at all four wheels, raising rigidity while reducing unsprung weight. Parallel upper and lower arms, plus coil-over shocks—hub-mounted at the rear—sharpen precision. Even at the limits, they help keep handling direct, agile and highly predictable. Comfort, Sport and Sport+ modes firm up the electronically controlled shocks at progressively lower thresholds of motion, lateral g-forces and speed.

The 7-speed AMG SPEEDSHIFT® DCT gearbox offers five modes. In the Sport, Sport+ or Race mode, its dual clutches can shift in less than 100 milliseconds. Along with direct 7-4 and 5-2 downshifts, the time spent off-throttle is minimized. A new electronically controlled limited-slip differential varies its locking factor to road friction, lateral acceleration and steering angle. Its greater sensitivity, precision and reaction time versus a mechanical lock help raise cornering grip and speed.
CHOICE OF FREEDOM.
AMG GT S shown with optional Saddle Brown Exclusive Nappa leather upholstery and Gloss Carbon Fiber interior trim.

The union of values inherent in the name Mercedes-AMG is perhaps most evident where the AMG GT S meets its driver. Technology and craftsmanship lead to confidence and control. The winglike dash and wide, V-shaped console are the epitome of man–machine interaction. A vivid 8.4” central screen responds to the touchpad controller on the console. A color display within the gauge cluster can show a variety of performance readouts, including digital speed, gear selection, a 3-color upshift indicator, and a RACETIMER lap timer. AMG Performance seats power-conform to your physique, for optimal support in a hairpin corner or heavy traffic. The steering wheel—hand-stitched in Nappa leather, DINAMICA microsuede, or a combination of both—lures your fingertips directly to the aluminum shift paddles. The optional Black Diamond console finish is created from a plasma suspension of precious metals, vapor-deposited at nearly 1,800°F. The console, aircraft-style dash vents, and the rear-cabin crossbar can also be trimmed in silver chrome, gloss or matte carbon fiber, or silver fiberglass. The spacious cargo area welcomes two golf bags, while you can fill the cockpit with 640 watts of lush surround sound. Burmester, Germany’s renowned handcrafter of high-end home audio, has created a standard 10-speaker, 10-channel system that’s rich in sound yet light in weight.
Born to perform. The motorsports know how, that’s engineered into every component of the AMG Biturbo V-8, gives the car its racing heart. A plaque on the engine cover bears the signature of its builder. The two hands that lovingly craft each engine do more than bring it to life. They also give each AMG GT S its undeniable soul.

Instant connection. The AMG Performance seats are not merely racing-inspired, they’re track-ready. Deep bolsters for the torso and thighs are power-adjustable. Along with their integrated head restraints, the seats support the driver and passenger during highly dynamic driving—from winding roads to racing circuits.
Full control. Configured to evoke the V-8 engine, the console’s eight controls invite fine-tuning of the car’s performance at any time. Individual pushbuttons offer a multitude of modes for the suspension, shifting, exhaust, and ECO Start/Stop. The touchpad COMAND® system unifies the audio, navigation and Cloud-based apps.

Five drive modes. A twist of the AMG DYNAMIC SELECT knob lets you choose any of four driving setups, or create your own Individual program à la carte. Each of the Comfort, Sport, Sport+ and Race modes adapts the throttle response, shift programming, 3-stage ESP® suspension, steering, exhaust, and ECO Start/Stop system.
AMG High-performance Braking System. Compound front brake discs bolt perforated, ventilated and slotted 15.4” steel friction rings to lightweight aluminum centers. Red-painted fixed 6-piston front calipers apply the pads with powerful, evenly distributed force.

Vented and perforated 14.2” rear discs with sizable floating calipers optimize performance and unsprung weight. AMG Carbon-Ceramic Braking System. Bronze calipers identify the ultimate performance of optional carbon-fiber-reinforced ceramic brake discs. Harder, longer-wearing, and extremely resistant to heat-induced fade, they’re ideally suited to the demands of track driving. And even with larger 15.8” front discs, the overall hardware is 40% lighter—reducing unsprung mass for enhanced handling response and steering feel.

AMG DYNAMIC PLUS Package. Further extending the on-track capabilities of the AMG GT S is a suite of engineering enhancements. Tauter damping, increased negative camber and repurposed steering deliver more direct responses via an AMG Performance steering wheel hand-stitched in grippy DINAMICA microsuede. Crisp yellow gauge graphics hint at the engine’s widened power band—extended to deliver maximum horsepower from 6,000 to 6,500 rpm. Revised mapping of the chassis and powertrain controls sharpen their response in Manual and Race modes. And the package’s technological centerpiece is its active engine and transmission mounts. Innovative magnetorheological fluid can stiffen the mounts in 0.001 sec when electrical current is applied. By individually varying their rigidity, the mounts help to increase steering precision, stability and driver feedback during rapid revs, high cornering forces or hard braking. And since the fluid reverts to more supple isolation when the current is no longer applied, they can provide smooth comfort in everyday driving.
CRAFTED.

Complementing the exquisite workmanship of each AMG GT S is an equally extraordinary degree of personalization. Gloss or matte paint, six wheel styles and three exterior styling packages can be mixed with a spectrum of upholstery options and ways to detail the console, rear crossbar, door sills and seat belts. There are more than a million possibilities to create an AMG GT S that's crafted just for you.

Paintwork. Advanced nanotechnology paint finishes help resist scratches and environmental damage by infusing the clearcoat with tiny ceramic particles. The palette includes deep gloss colors as well as ultramodern matte finishes.

Exterior styling packages. Numerous body details, from the front air-dam splitter to the side mirror covers and rear diffuser, can be detailed in carbon fiber, gloss black, or silver chrome.

Upholstery. Smooth and supple Nappa leather is hand-fitted to the seats and armrests. The AMG Affalterbach crest is embossed into the console lid. Also available is Exclusive Nappa leather, which further envelops the dash, doors and console. DINAMICA microsuede can also trim the seat inserts, lower dash and ceiling, set off by contrasting topstitching in any of three colors.

Cockpit trim. As many as five choices of trim can detail the center console and rear crossbar – both matching or each in its own complementary style.

Cabin details. Seat belts are offered in black, red or silver. Door sills feature stainless steel trim, or can be outfitted in carbon fiber or with the welcoming soft glow of illuminated AMG logos.

Please see endnotes on back cover.
Specifications

Layout

Engine type

Displacement

RPM

Torque

Acceleration, 0–60 mph²

Top track speed⁶

Wheels, front–rear¹

Tires, front–rear⁹

Front-mid engine/rear transaxle with carbon fiber driveshaft in torque tube

Handcrafted AMG V-8 with Direct Injection and dry-sump lubrication

9.0 liters (538 cu in)

503 hp @ 6,500 rpm

479 lb-ft @ 4,750 rpm

1.6 sec

193 mph (electronically limited)

19" front/20" rear AMG split 5-spoke wheels, Titanium;
19" front/20" rear AMG split 5-spoke wheels, Black;
19" front/20" rear AMG split 5-spoke wheels, Titanium;
18" front/19" rear AMG cross-spoke forged wheels, Titanium;
18" front/19" rear AMG cross-spoke forged wheels, Black;
Metallic paint
designo metallic paint
designo Magna paint (matte finish)

Transmission

Drive configuration

Brakes

Suspension

Steering

Turning circle

Fuel capacity

Cargoby

Curb weight

DCT dual-clutch with shift paddles

Rear-wheel drive

Ventilated and perforated 4-wheel disc, 16.4" front–14.7" rear

AMG Adaptive Suspension with 3-mode electronically controlled damping

Rack-and-pinion with hydraulic power assist

3.7 ft, curb to curb

18.8 gallons

12.3 cu ft, with room for two full-size golf bags

3,515 lbs

Individual Options

AMG® Ceramic braking system
DISTRICT PLUS⁷
Carbon fiber engine compartment cover
Panoramic roof
Rear badge deletion
Burmester® High-End Surround Sound System, with 16 speakers and 1,000 watt total power
AMG® illuminated door sills
AMG carbon fiber door sill trim
19" front/20" rear AMG split 5-spoke wheels, Titanium;
19" front/20" rear AMG split 5-spoke wheels, Black;
19" front/20" rear AMG 10-spoke forged wheels, Titanium;
19" front/20" rear AMG cross-spoke forged wheels, Titanium;
19" front/20" rear AMG cross-spoke forged wheels, Black;

Exterior Styling Packages

AMG Exterior Carbon Fiber Package
Includes Optional Night Styling Package
• Carbon fiber front air-dam splitter, from fender-vent fins, side mirrors and rear apron insert
• Gloss Black grille crossing surround and rear window trim

AMG Night Styling Package
Includes Optional Exterior Carbon Fiber or Silver-Ceramic Package
• Gloss Black front air-dam splitter, grille crossing surround, front fender-vent fins, side mirrors, side window trim and rear apron insert
• Black chrome badges

AMG Silver Chrome Package
Includes Optional Carbon Fiber or Night Styling Package
• Silver Chrome front air-dam splitter
• Stained black grille with individually chrome-dipped pins
• Stainless steel side window trim

Exterior Styling Options

Upholstery

Nappa leather
Standard
Exclusive Nappa leather
Includes Optional Interior Package
Exclusive Nappa leather/DYNAMIC PLUS with contrasting stitching
Includes Optional Interior Package

Interior trim

Black DINAMICA
AMG Black Diamond
AMG Gloss Carbon Fiber
AMG Matte Carbon Fiber
AMG Silver Fiberglass

Rear-cabin crossbar trim

Silver chrome
Gloss Carbon fiber
Matte Carbon Fiber
Silver Fiber

Seat belts

Black, Standard
Silver, Optional
Red, Optional

Steering wheel

Nappa leather with DINAMICA side grips
Standard
Nappa leather
with Optional Equipment
Available only with Nappa or Exclusive Nappa leather/upholstery

AMG DYNAMIC PLUS Package

• Dynamic engine and transmission mounts
• Widened power band (peak horsepower @ 6,200–6,500 rpm)
• Dynamically enhanced handling features (flatter damping, reprofiled steering, increased negative front-wheel camber)
• AMG performance steering shown in full DYNAMIC PLUS
• Yellow instrument graphics

Lane Tracking Package

• Blind Spot Assist
• Lane Keeping Assist

Exclusive Interior Package

Includes Optional Nappa leather or Exclusive Nappa leather/DYNAMIC PLUS with contrasting stitching
• Black DINAMICA ceiling and pillar trim
• Extended ambient cabin lighting

Exclusive Interior Package

Includes Exclusive Nappa leather or Exclusive Nappa leather/DYNAMIC PLUS with contrasting stitching
• Blind Spot Assist
• Lane Tracking Package
• Extended ambient cabin lighting

AMG Silver Chrome Package

• Silver Chrome front air-dam splitter
• Stained black grille with individually chrome-dipped pins
• Stainless steel side window trim

AMG® Silver Fiberglass Exclusive

• Silver Fiberglass Exclusive interior

AMG® Carbon-Ceramic braking system
DISTRICT PLUS
Carbon fiber engine compartment cover
Panoramic roof
Rear badge deletion
Burmester® High-End Surround Sound System, with 16 speakers and 1,000 watt total power
AMG® illuminated door sills
AMG carbon fiber door sill trim
19" front/20" rear AMG split 5-spoke wheels, Titanium;
19" front/20" rear AMG split 5-spoke wheels, Black;
19" front/20" rear AMG 10-spoke forged wheels, Titanium;
19" front/20" rear AMG cross-spoke forged wheels, Titanium;
19" front/20" rear AMG cross-spoke forged wheels, Black;
Metallic paint
designo metallic paint
designo Magna paint (matte finish)

Exterior Styling Packages

AMG Exterior Carbon Fiber Package
Includes Optional Night Styling Package
• Carbon fiber front air-dam splitter, from fender-vent fins, side mirrors and rear apron insert
• Gloss Black grille crossing surround and rear window trim

AMG Night Styling Package
Includes Optional Exterior Carbon Fiber or Silver-Ceramic Package
• Gloss Black front air-dam splitter, grille crossing surround, front fender-vent fins, side mirrors, side window trim and rear apron insert
• Black chrome badges

AMG Silver Chrome Package
Includes Optional Carbon Fiber or Night Styling Package
• Silver Chrome front air-dam splitter
• Stained black grille with individually chrome-dipped pins
• Stainless steel side window trim

Exterior Styling Options

Upholstery

Nappa leather
Standard
Exclusive Nappa leather
Includes Optional Interior Package
Exclusive Nappa leather/DYNAMIC PLUS with contrasting stitching
Includes Optional Interior Package

Interior trim

Black DINAMICA
AMG Black Diamond
AMG Gloss Carbon Fiber
AMG Matte Carbon Fiber
AMG Silver Fiberglass

Rear-cabin crossbar trim

Silver chrome
Gloss Carbon fiber
Matte Carbon Fiber
Silver Fiber

Seat belts

Black, Standard
Silver, Optional
Red, Optional

Steering wheel

Nappa leather with DINAMICA side grips
Standard
Nappa leather
with Optional Equipment
Available only with Nappa or Exclusive Nappa leather/upholstery

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• AMG performance steering shown in full DYNAMIC PLUS
• Yellow instrument graphics

Lane Tracking Package

• Blind Spot Assist
• Lane Keeping Assist

Exclusive Interior Package

Includes Optional Nappa leather or Exclusive Nappa leather/DYNAMIC PLUS with contrasting stitching
• Black DINAMICA ceiling and pillar trim
• Extended ambient cabin lighting

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• Blind Spot Assist
• Lane Tracking Package
• Extended ambient cabin lighting

AMG Silver Chrome Package

• Silver Chrome front air-dam splitter
• Stained black grille with individually chrome-dipped pins
• Stainless steel side window trim

AMG® Silver Fiberglass Exclusive

• Silver Fiberglass Exclusive interior

AMG® Carbon-Ceramic braking system
DISTRICT PLUS
Carbon fiber engine compartment cover
Panoramic roof
Rear badge deletion
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AMG® illuminated door sills
AMG carbon fiber door sill trim
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19" front/20" rear AMG cross-spoke forged wheels, Titanium;
19" front/20" rear AMG cross-spoke forged wheels, Black;
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designo metallic paint
designo Magna paint (matte finish)

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AMG Exterior Carbon Fiber Package
Includes Optional Night Styling Package
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AMG Night Styling Package
Includes Optional Exterior Carbon Fiber or Silver-Ceramic Package
• Gloss Black front air-dam splitter, grille crossing surround, front fender-vent fins, side mirrors, side window trim and rear apron insert
• Black chrome badges

AMG Silver Chrome Package
Includes Optional Carbon Fiber or Night Styling Package
• Silver Chrome front air-dam splitter
• Stained black grille with individually chrome-dipped pins
• Stainless steel side window trim

Exterior Styling Options

Upholstery

Nappa leather
Standard
Exclusive Nappa leather
Includes Optional Interior Package
Exclusive Nappa leather/DYNAMIC PLUS with contrasting stitching
Includes Optional Interior Package

Interior trim

Black DINAMICA
AMG Black Diamond
AMG Gloss Carbon Fiber
AMG Matte Carbon Fiber
AMG Silver Fiberglass

Rear-cabin crossbar trim

Silver chrome
Gloss Carbon fiber
Matte Carbon Fiber
Silver Fiber

Seat belts

Black, Standard
Silver, Optional
Red, Optional

Steering wheel

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