



PORSCHE

2019 911 GT3 RS

Technical Data

Engine	
Displacement	3996 cm3 (243.8 cu.in.)
Bore x stroke	102.0 x 81.5 mm (4.02 in x 3.21 in.)
Maximum power output	520 hp @ 8250
Maximum torque:	346 lb.ft. @ 6000 rpm
Maximum engine speed:	9,000 rpm
Compression ration	13.3 : 1
Valve control	VarioCam (camshaft control for intake and outlet valves), valve lever
Oil supply	Dry sump lubrication with external engine oil tank, DLC coated rocker arms, fixed valve train (valve clearance compensation with shims
Intake system	Resonance intake system made from plastic with 2 tuning flaps
Exhaust system	Valve exhaust system with 2 catalytic converters, 2 front mufflers, titanium rear silencer and 2 central tailpipes made from titanium
Mixture formation	Direct fuel injection
Fuel type	Supreme unleaded (93 US, 98 EU)
Ignition	Map controlled ignition, cylinder-specific knock control, static high voltage
Generator	2.2 kW
Starter motor	2.45 kW
Battery capacity	70 Ah
Powertrain	Rear-wheel drive
Rear locking differential	Porsche Torque Vectoring Plus (PTV Plus) with electronically controlled (fully variable locking values) differential
Transmission	
Transmission	7-speed Porsche Doppelkupplung (PDK) dual-clutch
Transmission ratios:	
1st gear	3.75
2nd gear	2.381
3rd gear	1.7
4th gear	1.344
5th gear	1.114
6th gear	0.957
7th gear	0.844
Reverse gear	3.417
Final drive	4.188
Clutch diameter 1	202 mm (7.95 in.)
Clutch diameter 2	153 mm (6.02 in.)
Chassis	
Front axle	McPherson sprint strut axle with wheels suspended independently on trailing links and wishbones, split wishbones for camber adjustment, anti-roll bar, all suspension mounts ball jointed
Springs	Lightweight cylindrical coil springs with linear characteristic and helper springs
Dampers	PASM adjustable damper system with normal and sport mode, dampers with double clamping at the wheel carrier
Rear axle	Multi-link rear axle with wheels suspended individually on 5 control arms, split wishbones for camber adjustment, bodywork top mount as ball-joint mount, anti-roll bar, all suspension mounts ball jointed
Steering	Electromechanical power steering with electric power assistance
Steering ratio	Variable from 17.15:1 (center position) to 13.12:1
Steering wheel rotations (lock to lock)	2.5
Steering when diameter	360mm (14.17 in.)
Steering column adjustment	Mechanical(horizontal and vertical)
Turning circle diameter	11.1 m (36.4 ft.)
Rear axle steering	Rear axle steering with variable steering angle adjustment max +/- 1.5 degrees
Brakes	
Brake System	Dual-circuit brake system, hydraulic with vacuum controlled tandem brake booster
Parking brake	Electro-mechanical using the two-way button
Control systems	PSM (Porsche stability management) vehicle stability system, can be completely disengaged in two stages (ESC Off and ESC + TC off)
Standard brake system	Compound brake discs with aluminium brake rotor hubs, front and rear
Front calipers	6 piston aluminium monobloc, red
Rear calipers	4 6 piston aluminium monobloc, red
Brake discs, front axle	Internally ventilated and cross drilled
Diameter	380 mm (14.96 in.)
Thickness	34 mm (1.34 in.)
Brake discs, rear axle	Internally ventilated and cross drilled
Diameter	380mm (14.96 in.)
Thickness	30 mm (1.18 in.)
Optional brake system	Porsche Ceramic Composite Brake (PCCB)
Brake discs, front axle	Carbon fiber reinforced ceramic brake discs with aluminium rotor hubs front and rear. 6 piston aluminium monobloc fixed calipers in front, 4 piston aluminium monobloc fixed calipers at the rear, yellow calipers, 3rd generation ceramic brake discs
Diameter	Internally ventilated and cross drilled
Thickness	410 mm (16.14 in.)
Brake discs, rear axle	Internally ventilated and cross drilled
Diameter	36 mm (1.42 in.)
Thickness	Internally ventilated and cross drilled
Diameter	390 mm (15.35 in.)
Thickness	32 mm (1.26 in.)
Wheels and tires	
Wheels with tires, front	9.5 J x 20 RO 50 with sport tires 265/35 ZR 20
Wheels with tires, rear	12.5 J x 21 RO 48 with sport tires 325/30 ZR 20
Wheel hub cover	Black with "RS" logo
Dimensions	
Length	4557 mm (179.4 in.)
Width (no exterior mirrors)	1880 mm (74.02 in.)
Width with exterior mirrors	1978 mm (77.87 in.)
Height	1297 mm (51.06 in.)
Wheelbase	2453 mm (96.57 in.)
Front track width	1588 mm (62.52 in.)
Rear track width	1557 mm (61.30 in.)
Ground Clearance	112.5 mm (4.43 in.)
Drag coefficient	0.36
Frontal area	2.14 square meters
Cw x A	0.77
Performance	
Top track speed	193 mph
0-60 mph	3.0 seconds (0.2 seconds quicker than 2018 911 GT3 PDK)
0-100 mph	6.9 seconds (0.4 seconds quicker than 2018 911 GT3 PDK)
0-124 mph	10.6 seconds (0.4 seconds quicker than 2018 911 GT3 PDK)
¼ mile	10.9 seconds (0.4 seconds quicker than 2018 911 GT3 PDK)
50-75 mph	1.8 seconds
Weight	
Curb weight	3153 lbs
GCWR	3953 lbs
Weight distribution	39 percent front / 61 percent rear
Fuel and Emissions	
Fuel Tank Capacity	16.9 gallons , optional 23.7 gallons
Key Options	
PCCB	\$9,210
Weissach Package	\$18,000
Forged magnesium wheels	\$13,000 (in conjunction with Weissach package)
Front Axle lift system	\$3,490

Extended range fuel tank (23.8 gallons)	\$140
A/C delete	\$0
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MSRP	\$187,500 plus \$1,050 delivery, processing and handling fee