

718 Cayman GT4 RS

ENGINE

Design	Six-cylinder naturally aspirated boxer engine with gasoline particulate filter
Number of cylinders	6
Valves per cylinder	4
Displacement	3,996 cm ³
Bore	102.0 mm
Stroke	81.5 mm
Maximum power	493 hp
At rpm	8,400 rpm
Maximum torque	331 lb.-ft.
At rpm	6,250 rpm
Maximum power output per litre	123.25 hp/l
Compression ratio	13.3:1
Maximum rpm	9,000 rpm
Cooling system	Water cooling with mechanical thermostat
Valve control	VarioCam camshaft control for intake and exhaust valves, DLC-coated rocker arms, fixed valve train
Intake system	Variable intake manifold made of plastic with two switchable resonance valves and six individual throttle valves
Oil supply	Dry-sump lubrication with a separate engine oil tank and fully variable oil pressure pump, seven suction stages, oil centrifuge and additional oil supply via the crankshaft; fine oil separator

POWER TRANSMISSION

Drive	Rear-wheel drive
Transmission	Seven-speed dual clutch transmission (PDK); Porsche Torque Vectoring (PTV) including mechanical rear differential lock
Gear ratio	
First gear	3.75
Second gear	2.38
Third gear	1.72
Fourth gear	1.34
Fifth gear	1.11
Sixth gear	0.96
Seventh gear	0.84
Reverse gear	3.42
Rear-axle gear ratio	4.17

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CHASSIS

Suspension and damping	Adjustable, circuit-ready sports suspension (toe, camber, anti-roll bars all adjustable); steel suspension with RS-specific spring rates; electronically controlled Porsche Active Suspension Management (PASM) damping system with sports tuning and two manually selectable modes; lowered by 30 millimetres
Front axle	MacPherson strut front axle with lightweight springs (including helper springs), anti-roll bar, ball joints for all suspension bushes
Rear axle	MacPherson strut rear axle with lightweight springs (including helper springs), anti-roll bar, ball joints for all suspension bushes
Steering	Electromechanical power steering with variable steering ratio and speed-sensitive power steering assistance
Steering ratio	16.9:1 (centre position) to 12.25:1
Steering wheel diameter	360 mm
Turning circle diameter	37.4 ft.
Vehicle stability system	Porsche Stability Management (PSM) including ABS with extended braking functions; can be switched off in two stages (ESC OFF and ESC+TC OFF)

BRAKES

Brake system	Dual-circuit brake system split by axle; vacuum brake booster; braking assistant; electric duo-servo parking brake
Front-axle brakes	Six-piston aluminium monobloc fixed calliper brakes; dimpled and internally vented grey cast iron composite brake discs with aluminium brake chambers
Diameter	408 mm
Thickness	36 mm
Rear-axle brakes	Four-piston aluminium monobloc fixed calliper brakes; dimpled and internally vented grey cast iron composite brake discs with aluminium brake chambers
Diameter	380 mm
Thickness	30 mm

WHEELS AND TYRES

Front wheels and tyres	8.5 J x 20 ET 61 with sports tyres 245/35 ZR 20 95Y XL
Rear wheels and tyres	11.0 J x 20 ET 50 with sports tyres 295/30 ZR 20 101Y XL

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DIMENSIONS

Length	175.4 in
Width (including exterior mirrors)	71.7 in (78.5 in.)
Height	49.9 in
Wheelbase	97.8 in
Front track width	60.8 in
Rear track width	60.7 in

LUGGAGE COMPARTMENT VOLUME AND WEIGHTS

Luggage compartment volume (front/rear)	4.4 cu. ft. / 4.8 cu.ft
Curb Weight (US)	3,227 lbs.
Gross vehicle weight	3,904 lbs.
Weight-to-power ratio	6.5 lb. / hp

PERFORMANCE

Top speed	196 mph
Acceleration	
0 – 60 mph	3.2 s
0 – 100 km/h	3.4 s
0 – 160 km/h	7.1 s
0 – 200 km/h	10.9 s

AERODYNAMICS

Drag coefficient (c_d)	0.33
Cross-sectional area A	2.033 m ²
$c_d \times A$	0.671 m ²