

Volkswagen Polo GTI R5

Technical specification



Chassis

Front/rear axle	McPherson struts, dampers from ZF Sachs
Suspension travel	approx. 180 mm on asphalt, approx. 275 mm on gravel
Steering	Servo-assisted rack and pinion steering
Braking system	Internally-ventilated disc brakes Ø 355 mm on asphalt, lightweight options available Ø 300 mm on gravel, lightweight options available Alcon aluminium brake callipers Parallel brake master cylinders with adjustable balance
Rims	8 x 18 inch for asphalt, available in Al and Mg 7 x 15 inch for gravel, available in Al and Mg
Tyres	Asphalt: 20/65-18 (235/40-R18) Gravel: 17/65-15 (215/60-R15)

Chassis/Bodywork

Structure	FIA-approved, reinforced steel body from production vehicle
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Engine

Design	Straight-four engine with turbocharger and intercooling, transversally mounted in front of the front axle
Capacity	1,600 ccm
Performance	200 kW (272 hp) at 5,500 rpm
Torque	400 Nm at 4,000 rpm
Engine management	Bosch, with VW-Motorsport developed Control software



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Clutch Hydraulically actuated double-disk sintered metal clutch

Transmission

Gearbox Sequential, five-speed X-trac gearbox, transversally mounted
Axle drive Permanent four-wheel drive with equal torque split
 between the front and rear axles,
 multi-plate limited-slip differentials, front and rear

Dimensions and weight

Length/width/height 4,067/1,942/1,372 mm
Track 1,837 mm
Wheelbase 2,540 mm
Minimum weight 1,230 kg (without driver/co-driver)

