



**PORSCHE**

## 911 R

### 2016 Porsche Models Technical Data

<b>Engine</b>	
Engine layout	Rear Engine
Engine type	Boxer
Cylinders	6
Valves per cylinder	4
Construction	Aluminum crankcase and heads
Fuel injection	Direct Fuel Injection (DFI)
Fuel	Premium
Displacement (Liters)	4.0 l
Bore/Stroke (mm/mm)	102 mm / 81.5 mm
Maximum power output @ engine speed	500 hp @ 8250
Maximum torque @ engine speed	338 lb.-ft. @ 6250
Maximum engine speed	8500
Compression ratio	12.9 : 1
Output per liter	125.1 hp
Lubrication	dry-sump lubrication
Electrical System	12 V, 2100 W alternator; battery capacity 95 Ah
Power to weight ratio (lb/hp)	6.0
Drivetrain	Rear wheel drive
<b>Chassis &amp; Suspension</b>	
Body	Monocoque lightweight body in a combination of steel, aluminum and magnesium
Front Axle	MacPherson strut with anti-roll bar
Rear Axle	Aluminum multi-link with anti-roll bar
Steering System	Variable ratio electromec. power steering
Steering Ratio	17.15 : 1 (on-center) to 13.12 : 1
Turning Circle	36.4 ft
<b>Brakes &amp; Wheels</b>	
Caliper type	Aluminum monobloc fixed-caliper brake
Rotor material	Ceramic
Caliper color	Yellow
Number of pistons (front/rear)	6 / 4
Rotor diameter (front/rear) mm	410 mm / 390 mm
Rotor thickness (front/rear) mm	36 mm / 32 mm
Name and option #	20" GT3
Standard wheels (front/rear)	9J x 20" ET55 / 12.0 J x 20" ET47
Tires (front/rear)	245/35 ZR 20 / 305/30 ZR 20
<b>Transmission</b>	
Number of gears	6
Transmission type	6-speed manual

<b>Ratios</b>	
1st	3.75
2nd	2.38
3rd	1.72
4th	1.34
5th	1.08
6th	0.88
Reverse	3.42
Final Drive Ratio	3.09 (constant 1.216)
Clutch/Converter diameter (inches)	9.0 inches
<b>Dimensions, Aerodynamics, &amp; Weight</b>	
Length (inches/mm)	178.4 in. / 4532 mm
Wheelbase (inches/mm)	96.7 in. / 2457 mm
Width w/ mirrors (inches/mm)	77.9 in. / 1978 mm
Width w/o mirrors (inches/mm)	72.9 in. / 1852 mm
Height	50.2 in. / 1276 mm
Track width front (inches/mm)	61.1 in. / 1551 mm
Track width rear (inches/mm)	61.2 in. / 1555 mm
Drag coefficient (Cd)	0.32
Legroom (inches)	TBD
Headroom (inches)	TBD
Cargo area volume (cu.-ft.) front trunk	125 l / 4.41 cu.-ft.
Cargo area volume (cu.-ft.) rear seats	260 l / 9.18 cu.-ft.
Fuel tank capacity - refill volume (gal)	16.9 gal. (23.9 gallons optional)
Curb weight (lbs)	3021 lbs.
Gross Vehicle Weight (lbs)	3659 lbs.
Payload range (lbs) - depend on options	638 lbs.
<b>Off-road (Cayenne/Macan)</b>	
<b>Ground Clearance (Sports Cars)</b>	
<b>Performance</b>	
Top track speed (mph)	200 mph
Acceleration 0-60 (sec)	3.7 sec.
<b>Fuel Economy/Rating</b>	
Rating	-
City	14 mpg
Highway	20 mpg
Combined	16 mpg