

PORSCHE

The new 911 Carrera Technology Workshop





PORSCHE

The new 911 Carrera – The generations



PORSCHE

The new 911 Carrera – The generations



PORSCHE

The new 911 Carrera – The generations



PORSCHE

1963: Original 911 – Birth of a legend



1,080 kg
Kerb weight



0–100 km/h
in 9.0 s



210 km/h
Top speed



Flat-six engine
110–190 hp

Original 911

- Successor to Porsche 356 – the start of a success story
- Presented as the 901 at the IAA motor show in 1963
- 911 Targa as the “safety cabriolet”
- Highlight: 2.7 RS with duck-tail rear spoiler



G-Series

- Focus on safety (influenced by USA)
- Galvanised body
- First 911 Cabriolet in 1983
- First car to have catalytic converter
- First 911 Turbo (type 930)



1,075 kg
Kerb weight



0–100 km/h
in 8.5 s



230 km/h
Top speed



Flat-six engine
150–230 hp



PORSCHE

1988: 911 Carrera (964) – Modern classic



1,350 kg
Kerb weight



0–100 km/h
in 5.7 s



260 km/h
Top speed



Flat-six engine
250 hp

Type 964

- Optimised aerodynamics with first extendible rear spoiler
- First all-wheel drive in the 911 (concept from Porsche 959 technology platform)
- First car with adaptive automatic transmission – Porsche Tiptronic



Type 993

- Six-speed transmission for the first time
- 993 Turbo – world's lowest-emitting turbocharged car with biturbo
- Aluminium LSA chassis with "Weissach suspension"
- New Targa concept (from 1995)
- Last model to have air-cooled engine



1,370 kg
Kerb weight



0–100 km/h
in 5.6 s



270 km/h
Top speed



Flat-six engine
272 hp



PORSCHE

1997: 911 Carrera (996) – The waterworks



1,320 kg
Kerb weight



0–100 km/h
in 5.2 s



280 km/h
Top speed



Flat-six engine
300 hp

Type 996

- First water-cooled 911
- Lifesaver in a crisis
- Vario Cam Plus variable valve timing in the 996 Turbo
- First ceramic brake – PCCB
- New interior and exterior designs



Type 997

- Return to tradition (design)
- Technology campaign – introduction of PDK, VTG turbocharger, PASM and direct petrol injection
- Larger variety of models (911 GTS)
- Noteworthy special models (911 Sport Classic and 911 Speedster)



1,490 kg
Kerb weight



0–100 km/h
in 5.0 s



285 km/h
Top speed



Flat-six engine
325 hp



PORSCHE

2011: 911 Carrera (991) – The maturity factor



1,455 kg
Kerb weight



0–100 km/h
in 4.8 s



289 km/h
Top speed



Flat-six engine
370 hp

Type 991

- One millionth Porsche 911 (2017)
- Seven-speed transmission
- Rear-axle steering and lift function for front axle
- New engines with twin turbocharging (2015)
- Multimaterial mix for body



PORSCHE

The new 911 Carrera – Highlights

New front lid with distinctive lines

New eight-speed PDK

Air intakes have continuously variable cooling air flaps

LED Matrix headlights

New recessed door handles

New Porsche Wet Mode assistance system

Biturbo engines with 331 kW / 450 hp and gasoline particulate filter

New wheel designs



PORSCHE

The new 911 Carrera – Highlights

**New rear section with
clean layout**

New third brake light

**Central air intake with
vertical fins**

**Wider body
(911 Carrera S)**

**Adaptive rear spoiler with
larger cross-sectional area**

**Continuous
LED light bar**

**Different wheel
dimensions
(FA 20-inch / RA 21-inch)**



PORSCHE

The new 911 Carrera – Porsche Advanced Cockpit



Sport Chrono Package with
mode switch on steering wheel

Digital instrument cluster with
two 7-inch displays and
analogue rev counter

PCM with 10.9-inch full-HD
touch display

Horizontal orientation

Five preselect keys for
choosing functions directly

New centre console with
Direct Touch Control

