

Technical spezifikations of the Porsche 996 GT3

Beitrag von „Albert Motorsport“ vom 4. März 2023, 06:59

The Technical specifications of the Porsche 996 GT3

Dear all,

a customer from abroad asks me about the technical specifications of his 996 GT3.

Here they are:



Engine

Engine Design: 6 cylinder horizontally opposed

Engine Installation: Rear engined

Engine Cooling system: Water cooled

Engine Type: M 96/76

Engine Displacement (cc): 3600

Engine Bore and stroke (mm): 100 x 76.4

Engine Output DIN (kW/Hp): 265/360 at 7200 RPM

Engine Maximum Torque (Nm/lb ft): 370/273 at 5000 RPM

Engine Output per litre (kW/l/hp/l): 73,6/100.0

Engine Compression ratio: 11,7:1

Valve operation and camshaft drive: Dohc, cams driven by double chain, 4 valves per cylinder, VarioCam, intake camshaft timing varies by 25 degrees

Engine lubrication: Dry sump system

Engine Oil Total (l): 12,5

Injection: Bosch DME, Motronic M 5.5.5, sequential multi-point manifold injection

Ignition system: Bosch DME, distributorless ignition system with six individual ignition coils

Firing order: 1-6-2-4-3-5

Transmission

Drive configuration: Rear axle drive

Manual gearbox: 6 speed

Transmission type: G 96/90

Transmission Ratios

1st Gear: 3.82

2st Gear: 2.15

3st Gear: 1.56

4st Gear: 1.21

5st Gear: 0.97

6st Gear: 0.83

Reverse Gear: 2.86

Final drive ratio: 3.44

Limited slip differential diff load/deceleration %: 40/60

Body

Body design: Steel body, 2 doors, 2 seats, entirely hot dipped gavanised body, side impact protection beams in doors, flexible polyurathane front and rear bumpers with intergrated aluminium beams, front bumper with spoiler, side skirts, engine lid with spoiler lip and fixed rear wing

Suspension

Suspension, front: Individually suspended with "disconnected" light alloy wishbones, McPherson struts with coil springs, dual tube gas filled shock absorbers, anti roll bar

Suspension, rear: Individually suspended on five wishbones per side on light alloy multi wishbone axle with LSA system (Light weight, Stability, Agility), with coil springs, single tube gas filled shock absorbers , anti roll bar

Front: Spring rate at wheel (N/mm / lbs/in.): 35.0 / 200

Rear: Spring rate at wheel (N/mm / lbs/in.): 65.0 / 370

Front: Anti roll bar (tubular- dia x thk (mm)): 26.8 x 4

Rear: Anti roll bar (tubular- dia x thk (mm)): 20.7 x 2.8

Brakes

Brakes, front : Ventilated and drilled discs (330x34)

Brakes, rear : Ventilated and drilled discs (330x28)

Brakes, front calipers : Red 4 piston fixed aluminium

Brakes, rear calipers : Red 4 piston fixed aluminium

Brakes ABS: Bosch ABS 5.3

Wheels front : 8j x 18, with 5mm spacer

Wheels rear : 10j x 18, with 5mm spacer

Tires front : 225/40 ZR 18

Tires rear : 285/30 ZR 18

Electrical System

Alternator (W/A) : 1680/120

Battery (V/Ah) : 12/36

with air conditioning : 12/46

Dimensions and weight

Track, front (mm) : 1475

Track, rear (mm) : 1495

Wheelbase (mm) : 2350

Length (mm) : 4430

Width (mm) : 1765

Height (mm) : 1270

Kerb weight (kg) : 1350

Permissible gross weight (kg) : 1630

Luggage compartment (VDA(l): 110

Fuel tank capacity (l): 63 including a 10.0l reserve

Power to weight ratio (kg/kW/kg/hp): 5.09/3.75

Fuel consumption :

Fuel type : 98 RON super plus unleaded

Urban l/100km: 20,1

Highway l/100km : 8,9

Combined l/100km : 12,9

CO2 (g/km) : 320

Performance :

Acceleration 0-100 km/h (s) : 4,8

Acceleration 0-161 km/h (s) : 10,2

Maximum speed (mph/kph) : 189/302

Production totals : 1868

Best regards
Jürgen Albert