

## Buggy Volkswagen V6 3L TDI®

### Technical specification (FIA T1)

#### Engine

Construction	V6 cylinder TDI® diesel engine, water-cooled, longitudinally-mounted mid-ship-engine
Bore	83 mm
Stroke	91,4 mm
Displacement	2.967 cc
Performance	200 kW / 270 hp at 4.000 rpm
Torque	650 Nm at 1.500 rpm
ECU	Bosch

#### Transmission

Gearbox	Longitudinal 5-speed competition gearbox, spur gears, unsynchronised; sequential gearshift pattern (Manufacturer: Fortin)
Differential	Differential with angular gear, no lock
Clutch	Sintered metal clutch (Manufacturer: AP)
Drive	Rear wheel drive

#### Chassis and body

Construction	Tubular steel chassis, two-door body of carbon fibre composite material, FIA/FT3 safety tank, capacity 300 litres
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#### Suspension

Front axle	Double triangles, coil springs
Rear axle	Double triangles, coil springs, anti-roll bar
Shock absorbers	Coil-over and bypass, adjustable in compression and rebound (Manufacturer: Fox)
Steering	Power steering
Brakes	Front and rear ventilated discs (diameter: 280 mm); Aluminium brake callipers front and rear (Manufacturer: CNC)
Wheels	Front axle: 6x15", rear axle: 6x15" (Manufacturer: R. Gordon)
Tyres	Front axle: 33x10x15 ", Rear axle: 35x12,5x15" (Manufacturer: BF Goodrich)

#### Dimensions

Length/width/height	4600/2200/1800 mm
Track front/rear	1830/1890 mm
Wheelbase	3060 mm
FIA minimum weight	1380 Kgs