



Vehicle Specifications

Audi R8 LMS (second generation)

Model:	GT3 race car
Chassis:	Audi Space Frame (ASF) in aluminum-CFC hybrid construction with stressed steel roll-cage and bodywork parts made from CFC and aluminum
Safety concept:	Front and rear energy absorbing aluminum and CFC crash structures. Safety concept fulfils FIA LMP1 crash requirements. Audi Sport PS1 safety seat.

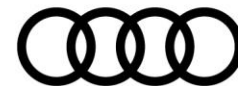
Engine

Type:	V10 engine, 90 degree cylinder angle, 4 valves per cylinder, DOHC, gasoline direct injection, emission control by two exhaust gas race catalytic converters
Engine management:	Bosch Motronic MS 6.4
Engine lubrication:	Dry sump
Cubic capacity:	5,200 cc
Power:	Variable by restrictor up to 430 kW (585hp)
Torque:	Over 550 Nm

Drivetrain/transmission

Type of transmission:	Rear wheel drive, traction control (ASR)
Clutch:	Electro hydraulically activated 3-plate race clutch (ECA)
Gearbox:	Sequential, pneumatic activated 6-speed racing gearbox with paddle shift
Differential:	Limited slip rear differential, variable preload
Driveshafts:	Constant velocity joint driveshafts





Suspension/steering/brakes

Steering:	Servo-assisted rack and pinion steering
Suspension:	Independent front and rear double-wishbone suspension, damper struts with coil springs and adjustable dampers as well as adjustable front and rear anti-roll bars
Brakes:	Hydraulic dual circuit brake system, steel brake discs front and rear, race ABS
Wheels:	Forged aluminum wheels, front 12.5 x 18 inch, rear 13 x 18 inch
Tyres:	Pirelli P Zero

Dimensions/weight

Length:	4,583 mm
Width:	1,997 mm
Height:	1,171 mm
Dry weight:	1,225 kg (excluding driver)
Tank capacity:	120 litres

Equipment

Controls:	Height and length adjustable safety steering column, quick adjust rail mounted pedal box
Fire extinguisher:	Audi Sport
Seat:	Audi Sport customer racing PS-1

