



McLaren F1 GTR '97 - Specification

Body	
Length	4933 / 194.21 mm / inches
Width	1920 / 75.59 mm / inches
Height	1200 / 47.24 mm / inches
Wheelbase	2723 / 107.25 mm / inches
Front Overhang	1120 / 44.09 mm / inches
Rear Overhang	1090 / 42.91 mm / inches
Front Track	1617 / 63.66 mm / inches
Rear Track	1582 / 62.28 mm / inches
Ground Clearance Front	70 / 2.76 mm / inches
Ground Clearance Rear	70 / 2.76 mm / inches

Powertrain	
Type Number	S 70/3 GTR
Cylinder Arrangement	V12
Cylinder Angle	60 degrees
Power Output	441 / 600 kW / PS @ 7500 rpm
Max. Torque	527 / 388 Nm / lb.ft @ 5600 rpm
Engine Capacity	6064 / 370 cc / in ³
Valves/Cylinder	4
Bore	86.0 / 3.38 mm / inches
Stroke	87.0 / 3.42 mm / inches
Compression Ratio	11.0:1
Ignition system	Transistorised system with twelve individual coils
Induction system	12 single throttle valves, carbon composite airbox
Valvetrain	Chain driven double overhead camshaft with continuously variable inlet valve timing.
Engine Block	Cast aluminium 60 deg V12
Cylinder heads	4 valves per cylinder cast aluminium alloy
Flywheel	Aluminium
Cam Carriers/Covers	Carbon Fibre
Lubrication System	Dry sump magnesium casting with scavenge pumps and one pressure pump
Fuel	RON unleaded
Oil	Castrol R.S. 10W60
Cooling System	Twin aluminium water radiators and oil/water heat exchanger.

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Fuel system	100 litre capacity safety fuel cell
Electrics	12V system, Alternator: Engine ECU
Transmission	Magnesium case transverse racing unit with high speed bevel gears and spur final drive Limited slip differential Air / oil radiator with high capacity pumped lubrication. Straight cut gears. Gun drilled driveshaft and tripod CV joint.
Clutch	Triple plate Carbon/Carbon 200mm (7.87") diameter Remote actuation (hydraulic)
Steering	Unassisted rack and pinion Two turns lock to lock

Chassis	
Front Suspension	Double wishbones, light alloy dampers, co-axial coil springs, anti-roll bar
Rear Suspension	Double wishbones, light alloy dampers, co-axial coil springs
Wheels	Magnesium 18" diameter: front 10.85" wide: rear 13" wide. Centre lock nuts, retaining pin
Tyres	Michelin High Performance Racing
Front Calliper Type	8 pot monobloc light alloy calliper
Rear Calliper Type	8 pot monobloc light alloy calliper
Front Brake disc Type	Ventilated
Rear Brake disc Type	Ventilated
Front Brake Disc diameter	380 / 14.96 mm / inches
Rear Brake Disc diameter	355 / 13.97 mm / inches
Front Brake Disc Thickness	36 / 1.42 mm / inches
Rear Brake Disc Thickness	36 / 1.42 mm / inches
Turns Lock-to-Lock	2
Weight	915 / 1872 kg / lbs

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