



McLaren F1 GTR '96 - Specification

| Body | |
|------------------------|----------------------------------|
| Length | 4367 / 171.93 mm / inches |
| Width | 1900 / 74.8 mm / inches |
| Height | 1090 / 42.91 mm / inches |
| Wheelbase | 2718 / 107.01 mm / inches |
| Front Overhang | 1050 / 41.34 mm / inches |
| Rear Overhang | 599 / 23.58 mm / inches |
| Front Track | 1558 / 61.34 mm / inches |
| Rear Track | 1488 / 58.58 mm / inches |
| Ground Clearance Front | 60 / 2.36 mm / inches |
| Ground Clearance Rear | 80 / 3.14 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 | Aluminium |
| Lubrication System | Dry sump magnesium casting with scavenge pumps and one pressure pump |
| Fuel | 98 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 | Aluminium drive 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 | AP 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 | 4 pot monobloc light alloy calliper |
| Rear Calliper Type | 4 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 | 1012 / 2231 kg / lbs |

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