



### McLaren F1 LM - Specification

Body	
Length	<b>4365 / 171.85</b> mm / inches
Width	<b>1820 / 71.65</b> mm / inches
Height	<b>1120 / 44.09</b> mm / inches
Wheelbase	<b>2718 / 107.01</b> mm / inches
Front Overhang	<b>1048 / 41.26</b> mm / inches
Rear Overhang	<b>599 / 23.58</b> mm / inches
Front Track	<b>1570 / 61.89</b> mm / inches
Rear Track	<b>1464 / 57.64</b> mm / inches
Fuel Tank Capacity	<b>90</b> litres
Kerb Weight	<b>1062 / 2314</b> kg / lbs
Weight Distribution	<b>41.2/58.8</b> F/R
Aerodynamics	Full underbody ground effect with Le Mans diffuser

Powertrain	
Type Number	<b>S 70/2 GTR LM</b>
Cylinder Arrangement	<b>V12</b>
Cylinder Angle	<b>60</b> degrees
Power Output	<b>500 / 680</b> kW / PS @ <b>7800</b> rpm
Max. Torque	<b>703 / 538</b> Nm / lb.ft @ <b>4500</b> rpm
Engine Capacity	<b>6064 / 370</b> cc / in <sup>3</sup>
Valves/Cylinder	<b>4</b>
Bore	<b>86.0 / 3.38</b> mm / inches
Stroke	<b>87.0 / 3.42</b> mm / inches
Compression Ratio	<b>11.0:1</b>
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	Cast magnesium
Lubrication System	Dry sump magnesium casting with scavenge pumps and one pressure pump
Fuel	95-98 RON unleaded
Oil	10W60

Cooling System	Twin aluminium water radiators and oil/water heat exchanger.
Fuel system	90 litre capacity safety fuel cell
Electrics	12V system: 160 amp alternator: Engine ECU
Transmission	Transverse unit with high speed bevel gears and spur final drive  All synchro constant mesh 6 Speed  Limited slip differential  Air/oil radiator with pumped lubrication system/ with pumped dry sump lubrication  Straight cut gears  Le Mans specification 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

<b>Chassis</b>	
Front Suspension	Double wishbone, light alloy dampers, co-axial coil springs, anti-roll bar
Rear Suspension	Double wishbone, light alloy dampers, co-axial coil springs
Front Tyre	<b>275/35 ZR 18</b>
Front Wheel	<b>10.85 x 18</b> inches
Rear Tyre	<b>275/35 ZR 18</b>
Rear Wheel	<b>13.00 x 18</b> inches
Tyre Type	Michelin SX-MXX3
Front Calliper Type	<b>4</b> pot monobloc light alloy calliper
Rear Calliper Type	<b>4</b> pot monobloc light alloy calliper
Front Brake disc Type	ventilated
Rear Brake disc Type	ventilated
Front Brake Disc diameter	<b>332 / 13.07</b> mm / inches
Rear Brake Disc diameter	<b>305 / 12.01</b> mm / inches
Front Brake Disc Thickness	<b>32 / 1.26</b> mm / inches
Rear Brake Disc Thickness	<b>26 / 1.02</b> mm / inches
Turns Lock-to-Lock	<b>2</b>
Parking Brake	Rear, mechanical, light alloy calliper
Brake Cooling	GTR95 Brake Cooling System
Turning Circle	<b>13 / 42.7</b> m / ft

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