

# McLAREN F1 GT ROADCAR - SPECIFICATION

## McLaren Automotive

### Powertrain >>

Type Number	S 70/2	
Cylinder Arrangement	V12	
Cylinder Angle	60	degrees
Power Output	461 / 627	kW / PS
@	7500	rpm
Max. Torque	651 / 480	Nm / lb.ft
@	5600	rpm
Engine Capacity	6064 / 369.9	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	Cast magnesium	
Lubrication System	Dry sump magnesium casting with scavenge pumps and one pressure pump	
Fuel	95-98 RON	
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	
	Fan assisted air / oil radiator - pumped lubrication system	
1st Gear Ratio	3.23/8.7	
2nd Gear Ratio	2.19/12.7	
3rd Gear Ratio	1.71/16.7	
4th Gear Ratio	1.39/20.0	
5th Gear Ratio	1.16/24.0	
6th Gear Ratio	0.93/30.0	
Final Drive Ratio	2.37:1	
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 wishbone, light alloy dampers, co-axial coil springs, anti-roll bar
Rear Suspension	Double wishbone, light alloy dampers, co-axial coil springs

Front Tyre	275/35 ZR 18	
Front Wheel	10.85 x 18	inches
Rear Tyre	345/35 ZR 18	
Rear Wheel	13.00 x 18	inches
Tyre Type	Michelin SX-MXX3	
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	332 / 13.07	mm / inches
Rear Brake Disc diameter	305 / 12.01	mm / inches
Front Brake Disc Thickness	32 / 1.26	mm / inches
Rear Brake Disc Thickness	26 / 1.02	mm / inches
Turns Lock-to-Lock	2	
Parking Brake	Rear, mechanical, light alloy calliper	
Brake Cooling	GTR95 brake cooling system	
Turning Circle	13 / 42.7	m / ft

**Body >>**

Length	4928 / 194.02	mm / inches
Width	1920 / 75.59	mm / inches
Height	1200 / 47.24	mm / inches
Wheelbase	2718 / 107.01	mm / inches
Front Overhang	1120 / 44.09	mm / inches
Rear Overhang	1090 / 42.91	mm / inches
Front Track	1620 / 63.78	mm / inches
Rear Track	1582 / 62.28	mm / inches
Luggage Capacity - 2 occupants (VDA)	283 / 10	litres / cu ft.
Luggage Capacity - 3 occupants (VDA)	227 / 8	litres / cu ft.
Fuel Tank Capacity	90	litres
Kerb Weight	1120 / 2469	kg / lbs
Weight Distribution	41.2/58.8	F/R
Aerodynamics	Full underbody air magement (fan assisted)	