

# McLAREN F1 GTR 95 RACE CAR - SPECIFICATION

## McLaren Automotive

### 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  |
| @                    | 4500   | 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 four 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.   |             |
| Fuel System          | 100 litre capacity Safety Fuel cell  |             |
| Electrics            | 12V system, alternator, Engine ECU   |             |
| Transmission         | Aluminium case transverse racing unit with high speed bevel gears and spur final drive<br>Limited slip final drive differential<br>Air/oil radiator with high capacity pumped lubrication system with pumped dry sump lubrication<br>Straight cut gears<br>Gun drilled driveshaft and tripod CV joint. |             |
| Clutch               | AP Triple plate Carbon/Carbon<br>200mm (7.87") diameter<br>Remote actuation (hydraulic)  |             |
| Steering             | Unassisted rack and pinion<br>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                               |
| 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      | Carbon                              |             |
| Rear Brake Disc Type       | Carbon                              |             |
| 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                     | 1050 / 2315                         | kg / lbs    |

**Body >>**

|                        |               |             |
|------------------------|---------------|-------------|
| Length                 | 4287 / 168.78 | mm / inches |
| Width                  | 1820 / 71.65  | mm / inches |
| Height                 | 1140 / 44.88  | mm / inches |
| Wheelbase              | 2718 / 107    | mm / inches |
| Front Overhang         | 970 / 38.1    | 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 | 75 / 2.95     | mm / inches |
| Ground Clearance Rear  |               |             |