

McLAREN MP4-12C - TECHNICAL FACTSHEET

POWERTRAIN

• Engine	M838T 90° V8 3.8 litre
• Drivetrain layout	Longitudinal mid-engine, RWD
• Oil Tank	Dry sump
• Compression ratio	9.0:1
• Valvetrain	32-valve, DOHC, fixed VVT
• Fuel/induction	Port injection, turbocharged, electronic throttle
• Redline, RPM	8500
• Power	592 BHP / 600 PS @ 7000 RPM
• Peak torque	600Nm / 443 lbs/ft @3000-6500 RPM (90 per cent available from 1,900-8,500 RPM)
• Power per displacement	158 PS / litre
• Transmission	7- speed McLaren Seamless Shift dual clutch Gearbox (SSG) with Pre-Cog functionality

BODY



• Wheelbase	2670 mm / 105.12"
• Length	4509 mm / 177.52"
• Width	1908 mm / 75.12"
• Height	1199 mm / 47.2"
• Dry weight	Less than 1300 kg / 2866 lbs
• Weight distribution	42.9 / 57.1 front / rear

PERFORMANCE

SPEC

(preliminary figures, based on prototype testing)

• 0 – 200 km/h	below 10 seconds
• 200 – 0 km/h	below 5 seconds
• 100 – 0 km/h	below 3 seconds / 30 m, less than 7 average vehicle lengths
• V-max	above 200 mph / 320 km/h
• ¼ mile	ca. 11 seconds
• CO?	below 300 g/km

CHASSIS



- Material
- Suspension
- Damping modes
- Traction / Launch Control
- Stability control modes
- Brakes

- Wheel size, in., f/r
- Tyres

One-piece carbon fibre "MonoCell"

McLaren Proactive Chassis Control (PCC),
z-bar for

extra heave stiffness

Normal / Sport / Track

Yes / Yes

Winter / Normal / Sport / Track

Front ventilated iron discs: 370mm, 4-piston
callipers

Rear ventilated iron discs: 350mm, 4-piston
callipers

McLaren Airbrake

19" x 8.5" / 20" x 11"

Pirelli P Zero™ (McLaren spec)

235/35 R19 front

305/30 R20 rear

Ends