‘LIFE IS MEASURED IN ACHIEVEMENT, NOT IN YEARS ALONE’
BRUCE McLAREN
The story of the MP4-12C is one of revolution. Free from the constraints of convention and empowered by the skills gained from decades spent at the pinnacle of Formula One™, we knew that to create the world’s first no-compromise sports car we had to form a visionary new sports car company. McLaren Automotive was born.

The first and most important decision we made was to equip our team of designers and engineers with the ultimate creative resource: a clean sheet of paper. Underpinned by considerable investment, some of the brightest and bravest minds in the automotive industry set to work on creating a sports car like no other.

Four years later, the result is what we’ve come to refer to as the ‘AND’ car. It’s a small word, but one that carries huge significance. We passionately believe that our commitment to innovation, our obsessive attention to detail and our exacting standards have resulted in a car that surpasses the highs you have experienced in previous sports cars. And convincingly addresses the compromises and limitations that you have come to accept.

Designed from scratch around the driver, with nothing carried over from an existing car, the 12C has a unique breadth of ability. Carbon fiber construction ensures it is both light ‘AND’ strong. A bespoke, small-capacity, twin-turbo V8 engine delivers tremendous power ‘AND’ outstanding efficiency. Radical thinking and intelligent design have minimized exterior dimensions ‘AND’ maximized interior space, while a revolutionary suspension system delivers exhilarating dynamism ‘AND’ exceptional ride comfort. We feel this car is ‘Pure McLaren.’

I firmly believe the 12C is the best available in the core sports car segment, but don’t take my word for it. I urge you to drive it, for only then can you truly appreciate how we’ve rewritten the rules of sports car design.

Antony Sheriff
Managing Director, McLaren Automotive
Introduction

We are McLaren

The MP4-12C

The ‘AND’ car

Lightweight ‘AND’ Strong

Powerful ‘AND’ Efficient

Compact ‘AND’ Spacious

Comfortable ‘AND’ Exhilarating

Features & Content

MP4-12C Highlights

Body Structure

Powertrain

ProActive Chassis Control (PCC)

Vehicle Dynamics

Exterior

Interior

Color & Trim

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Features Table

Technical Specification
INTRODUCTION

1.1 We are McLaren

1.2 The MP4-12C
At McLaren we respect our heritage without being slaves to it. Innovating to win and challenging convention are in our DNA. Everything we do is governed by the belief that ‘good enough is not good,’ which is why where we lead, others inevitably follow. Pioneers in the use of carbon fiber, we were the first race team to construct a Formula One™ car from what was then a material reserved for the aerospace industry. It’s this approach that has won us no fewer than 12 FIA Formula One™ Constructors’ titles and eight FIA Formula One™ World Drivers’ Championships. Likewise our first road car – the groundbreaking McLaren F1 supercar – introduced carbon fiber chassis construction to the road car realm and set standards that remain unbeaten to this day.

Today the 12C employs unprecedented one-piece molding techniques to bring the weight and strength benefits of carbon fiber to a segment previously denied such an exotic and advanced material. In road car design, as in our Formula One™ efforts, the McLaren name stands for a unique brand of excellence: joined-up thinking, fearless commitment, fanatical attention to detail and peerless execution. All channelled into the creation of a car that only we could build.

Over 30 years of being carbon fiber pioneers on road and track. Below: McLaren F1 road car and MP4/1

1966
1981
1969

1985
A. PROST / MP4/2B / BRAZILIAN GP
A. PROST / MP4/2B / MONACO GP
A. PROST / MP4/2B / AUSTRIAN GP
N. LAUDA / MP4/2B / DUTCH GP
A. PROST / MP4/2B / ITALIAN GP

1986
A. PROST / MP4/2C / SAN MARINO GP
A. PROST / MP4/2C / MONACO GP
A. PROST / MP4/2C / AUSTRIAN GP
A. PROST / MP4/2C / AUSTRALIAN GP

1987
A. PROST / MP4/3 / BRAZILIAN GP
A. PROST / MP4/3 / BELGIAN GP
A. PROST / MP4/3 / AUSTRALIAN GP

1988
A. PROST / MP4/4 / BRAZILIAN GP
A. SENNA / MP4/4 / SAN MARINO GP
A. PROST / MP4/4 / MEXICAN GP
A. SENNA / MP4/4 / CANADIAN GP
A. SENNA / MP4/4 / USA GP
A. SENNA / MP4/4 / FRENCH GP
A. SENNA / MP4/4 / BRITISH GP

Formula One™ debut
First ever carbon fiber chassis in Formula One™
Formula One™ victories and counting...
Imagine a car that adapts to its environment and molds itself to your mood. A 592hp sports car with a level of readily accessible performance so far beyond your realm of experience it redefines your notion of ultimate speed and agility. A car that will transport you to work with the ease and comfort of a luxury sedan, yet lap the world’s most demanding race track faster than all but the most specialized racing cars.

The 12C is all these cars and more. The product of uninhibited engineering, constructed from the most advanced materials and production techniques, rigorously engineered and obsessively honed to deliver levels of performance, refinement, comfort and practicality previously believed to be impossible. A car that’s ‘Pure McLaren.’ A car called the MP4-12C.
THE ‘AND’ CAR

2.1 Lightweight ‘AND’ Strong
2.2 Powerful ‘AND’ Efficient
2.3 Compact ‘AND’ Spacious
2.4 Comfortable ‘AND’ Exhilarating
2.1

**LIGHTWEIGHT ‘AND’ STRONG**

Why make a heavy car when you can make a light one? It’s a simple question, but finding the answer requires the unflinching embrace of fresh ideas, technologies and processes. We call it ‘pushing the edge.’ Achieving a dry weight of just 2,868lbs* and a power-to-weight ratio of 455hp per ton requires an absolute commitment to innovation and unrivalled expertise in the use of lightweight materials. In short, it requires carbon fiber. What else would we use? After all, we haven’t made a car from anything else for over 30 years.

Not only were we the first team to construct and race a carbon fiber Formula One™ car, but our legendary F1 road car was also the first to be made from this low-mass, high-strength material. Now, with the 12C, we have introduced carbon fiber to an entirely new sector of the market.

Called the MonoCell, the 12C’s central chassis ‘tub’ weighs just 165lbs, yet thanks to the remarkable properties of carbon fiber, this unique one-piece molded structure is three times as stiff as the aluminum equivalent. Such strength and integrity bring tremendous advantages, not only in terms of weight reduction and therefore performance, but also in the precision and control of the steering and suspension, and in exceptional occupant safety in the event of an accident.

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*All data supplied by European specification vehicles using European measuring methodology.
POWERFUL ‘AND’ EFFICIENT

By capitalizing on the weight-saving advantages of its carbon fiber MonoCell, the 12C pushes the boundaries of total performance. With 592hp and 443lbs ft of torque, the 12C is one of the fastest accelerating road cars available in the world today. Fitted with Corsa tires it will reach 60mph from rest in just 3.0sec. Top speed? 205mph.

It’s an exemplary lesson in achieving the most by using the least, and the product of our obsessive quest to rewrite the rules of sports car design.
To create the perfect driver’s car you need to design it around the driver. This inside-out approach is central to the 12C concept, for it informed all the critical packaging decisions we made to create a spacious interior within a compact exterior. Building a sports car that occupies the smallest possible area on the road yet accommodates two adults (from the 98th percentile) and their luggage was a major challenge, but our Formula One™ experience means we’ve turned packaging into an art form.

Witness the 12C’s slim sides. Where convention dictates a mid-engined car’s cooling radiators are mounted at right angles to the airflow, we tucked them in-line, using carefully sculpted turning vanes to deflect the airflow through 90 degrees onto the face of the radiator. Not only does this make the 12C narrower and therefore easier to drive in traffic, but it also makes the car smaller, which in turn saves weight.

We found a similarly virtuous solution when positioning the driver and passenger. By placing the occupants as close to the center of the car as possible, not only have we created an interior with a greater sense of space, but we’ve also optimised the 12C’s polar moment of inertia for increased agility and dynamism.
For a little over a century, automotive engineers have tried – and failed – to reconcile the requirements for dynamic handling and a comfortable ride. Traditional thinking suggests it’s the eternal engineering dilemma. At McLaren, we think differently. Innovation is our oxygen. We refuse to compromise and relish finding solutions to age-old problems. In this case, the solutions are ProActive Chassis Control (PCC) and the Active Dynamics Panel (ADP). The genius of PCC is its unique linked hydraulic system, which allows us to dispense with the antiquated and heavy anti-roll bar to give handling and ride equal priority.

The 12C delivers exceptional levels of roll control; up to 1.7g of transient lateral cornering force was achieved during testing. Thanks to the hydraulic system’s ability to decouple the suspension at each corner, it also ensures almost total isolation from road imperfections. Seamless integration between the PCC system and the ADP enables you to precisely and independently tailor the handling and powertrain settings to suit different driving conditions via Normal, Sport and Track modes. Smooth and supple in urban driving, firm and ultra-responsive for the ultimate on-track adrenaline rush, the 12C is the complete sports car.
# Features & Content

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Body Structure
We have been pioneers in carbon fiber technology for more than three decades. The 12C is the product of this unrivalled expertise, having our groundbreaking carbon MonoCell at its heart.

ProActive Chassis Control (PCC)
PCC is the most radical rethink of sports car suspension design in half a century. By separating the conflicting objectives of dynamic handling and pliant ride, it sets new standards in both.

Powertrain
A sports car like no other deserves an engine and gearbox like no other. That’s why the 12C features a bespoke powertrain that heralds a new era in performance, efficiency, response and tractability.

Vehicle Dynamics
Thanks to the benefits of lightweight construction and a fully integrated array of innovative, aerodynamic and electronic aids, the 12C brings supercar performance and dynamics to the sports car segment.

Exterior
The 12C’s distinctive form follows function. Shaped by the demands of aerodynamics and refined with the same rigour we apply to designing our Formula One™ cars, every feature you see on the 12C is there for a reason.

Interior
Designed around the driver to create a comfortable, functional driving environment, the 12C’s interior is a real step forward in packaging and a truly great place to be.
We have been pioneers in carbon fiber technology for more than three decades. The 12C is the product of our unrivalled expertise and another world-first for McLaren.

- We were the first constructor to build and race a carbon fiber chassis in Formula One™ – the MP4/1 in 1981 – and followed this 12 years later with the world’s first carbon fiber road car, the iconic McLaren F1.
- The 12C continues this tradition by bringing the benefits of carbon fiber construction to the core sports car segment.
- The groundbreaking carbon MonoCell structure makes the 12C lighter than any car in its class.
- The MonoCell weighs only 165lbs and takes just four hours to manufacture thanks to its unique, one-piece molding process.
- High-strength, low-mass properties and exceptionally low levels of torsional flex create the ideal platform for optimized suspension design.
- The MonoCell acts as a super-strong safety cell, as in a Formula One™ car.
- Easily replaceable sacrificial extruded aluminum front and rear structures are designed to absorb high-energy impacts, protecting occupants from harm and the MonoCell from damage.
A sports car like no other deserves an engine and gearbox like no other. That’s why the 12C features a bespoke powertrain that heralds a new era in performance, efficiency, response and tractability.

- M838T engine is a bespoke 3.8-litre, twin-turbocharged, 90-degree V8, developing 592hp and 443lbs ft of torque.
- Created using our philosophy of intelligent design to maximise performance and efficiency.
- Revs to a thrilling 8,500rpm, yet has 80% of peak torque still available below 2,000rpm.
- Features a dry-sump oil system to cope with extreme cornering forces, and to enable the engine to be mounted as low as possible in the chassis.
- One of the most efficient high-performance engines ever built when judged on power output versus CO₂ emissions.
- Seamless Shift Gearbox is a dual-clutch, seven-speed transmission with fully automatic and manual modes.
- Controlled via a push-pull rockershift mounted on the back of the steering wheel, just as in our Formula One™ cars.
- Three drive modes – Normal, Sport and Track – perfectly match shift characteristics to driving conditions.
- Pre-Cog facility eliminates latency by priming the transmission for your next up or downshift to deliver an almost instantaneous gearchange.
- Launch Control system gives access to the 12C’s blistering standing-start acceleration.
- Lubricated clutches allow full performance to be enjoyed without compromising reliability.

CLICK HERE TO RETURN TO HIGHLIGHTS
PCC is the most radical rethink of sports car suspension design in half a century. By separating the conflicting objectives of dynamic handling and comfortable ride, it sets new standards in both.

- The 12C’s chassis features two principal systems – adaptive damping and hydraulic roll control – linked via a unique interconnected hydraulic system.
- Adaptive damping system uses electronically adjustable actuator valves to continuously vary damping force according to road conditions and handling mode selected by the driver.
- The system responds to individual wheel damping inputs in real time for immediate control and enhanced handling response and agility.
- By harnessing the natural dynamics of fluid under pressure – flowing from an area of high pressure to one of low pressure – the 12C’s interconnected hydraulic system increases roll stiffness during cornering.
- When roll stiffness isn’t required – when travelling in a straight line – PCC effectively decouples the individual wheels, allowing them to absorb road imperfections far more effectively.
- The driver can choose between three suspension modes – Normal, Sport and Track. Changing from N to S to T increases the pressure in the hydraulic system for a greater base level of damping and roll stiffness.
- The result is a unique combination of uncanny ride comfort and extraordinary handling.
Thanks to the benefits of lightweight construction and a fully integrated array of innovative, aerodynamic and electronic aids, the 12C brings supercar performance and dynamics to the core sports car segment.

- When fitted with optional Pirelli Corsa tires, the 12C is capable of accelerating from a standstill to 60mph in 3.0sec, covering a standing quarter mile in 10.9sec and achieving a top speed of 205mph.
- The 12C’s dynamic characteristics are controlled by the Active Dynamics Panel: an intuitive array of two rotary switches and four push buttons that effectively gives you three cars in one.
- Normal mode is ideal for everyday urban driving conditions; Sport delivers a set-up optimized for driver enjoyment; Track prioritizes outright performance over comfort for a driving experience aimed specifically at circuit driving.
- The McLaren Airbrake is an active aerodynamic device that rises under heavy braking to reduce stopping distances by increasing drag and maintaining rear downforce to increase stability.
- First seen on the McLaren F1 and later on the Mercedes-Benz SLR McLaren, the Airbrake can also be manually deployed to function as a rear spoiler for increased downforce at all times.
- Brake Steer cleverly uses the brakes to manage traction, minimize mid-corner understeer and control slip angle (oversteer) in fast driving conditions. The result is remarkably stable and incisive cornering ability.
- By braking the inside rear wheel when turning, Brake Steer mimics the action of a torque vectoring differential, but retains an open differential, saving on weight and complexity.
The 12C’s distinctive form follows function. Shaped by the demands of aerodynamics and refined with the same rigour we apply to designing our Formula One™ cars, every feature you see on the 12C is there for a reason.

- Extensive use of advanced wind tunnel modelling and Computational Fluid Dynamics optimized the 12C’s aerodynamic performance and efficiency.
- The intelligent use of airflow enabled us to create the turning vane in the 12C’s sides. Designed to turn the airflow through 90 degrees, this allowed us to move the cooling radiators back and in-line with the car for perfect packaging.
- The 12C’s rear haunches are shaped perfectly to feed air over the Airbrake for maximum effectiveness.
- The high-mounted exhaust looks dramatic but has genuine benefits: it takes the direct route to minimize piping and therefore weight; allows fitment of a flat floor and rear diffuser to reduce lift and increase handling stability.
- Dihedral door design pioneered in the McLaren F1. Undeniably spectacular, the doors are also practical, improving the leg swing area, requiring less room to fully open and reducing the width of sill you have to negotiate when getting in and out.
- Latest LED light technology used to create a distinctive identity for the 12C.
- Bright white light diffused through gill-shaped apertures, which echo the McLaren speed-mark and soften the glare that’s associated with traditional daytime driving lights.
- Rear lights ‘hidden’ by embedding thin strips of LEDs in the black horizontal bars. Spectacular when lit, stealthy when not, they are unique to the 12C.
Designed around the driver to create a comfortable, functional driving environment, the 12C’s interior is a real step forward in packaging and a truly great place to be.

- Perfect alignment of seat, steering wheel and pedals, with no offset, gives the perfect driving position.
- Interior is designed to provide sufficient head, leg and shoulder room to accommodate two adults (from the 98th percentile) in comfort.
- A low windscreen cowl increases forward visibility.
- High point of the front wings is directly above the centerline of the front wheels to help the driver place the car more accurately on a bend.
- Devoid of distracting switches and fiddly buttons, the 12C’s steering wheel is an exercise in ergonomic simplicity and satisfying tactility. Its grip was modelled using data from Lewis Hamilton’s Formula One™ wheel, incorporating an additional 2mm to compensate for glove thickness.
- The rockershift moves with the wheel and operates in a push-pull manner, so you can change up or down with either the left- or right-hand paddle for ultimate control. Just as in our Formula One™ cars.
- Mid-engined configuration and radical packaging of cooling radiators create room for a generous luggage space.
The MP4-12C’s distinctive spectrum of colors and finishes is ‘Pure McLaren.’ Our highly skilled technicians use their unrivalled experience and eye for detail to meticulously hand-prime and paint each 12C.
The Special paint options have been created by our technicians using the very latest pigments and effects to achieve a greater depth of finish and to highlight every aerodynamic contour of the 12C.

Orange first appeared on our M6A race car in 1967 and was later resurrected for the McLaren F1 LM, built to celebrate our 1995 Le Mans victory. The 12C’s paint range includes a McLaren Orange in commemoration of the original color.
For the Elite paint options, the technicians combine artistry with expertise. Using exclusive pigments and an intensive, three-stage paint process, they reveal an even greater depth of pearlescent or metallic effect, and a mirror-like finish.

The Elite Volcano Orange option was developed to closely match the color of the last McLaren F1 ever built. This unique color uses a special silver metallic base and an orange lacquer to achieve an unmistakable tone and iridescence.
Leather Sport Interior (standard)
The standard interior offers a balance between performance and luxury by combining Napa leather with a lightweight Space Fabric. This gives you grip, support, and better air circulation — ideal for road or track driving. The dashboard, doors, seat outers and trim area behind the driver and passenger are all trimmed in Carbon Black leather, while the seat inners and door inserts are trimmed in one of four Space Fabric colors. The headlining is trimmed in Carbon Black Alcantara®.

Alcantara® & Leather Interior
Alcantara® is renowned for its lightweight, high-grip properties, making it an ideal material for performance driving. The Alcantara® interior option combines this tactile fabric with leather for a distinctive look. The cabin’s headlining, door inserts, seat inners and dashboard inner surfaces are upgraded to Carbon Black Alcantara®, and you can choose from six leather colors for the surrounding dashboard and seat surfaces.
**Full Leather Interior**
If you choose the Full Leather Interior option, the seat inners and door inserts are upgraded to leather, creating a highly luxurious environment.

You can choose either a single leather color from six available, or select two colors from the full pallet of eight to form a contrast between the seats and door inserts and the dashboard.

[1] Single Color

[2] Dual Color
**Custom Zoned Interior**
The cabin is upgraded with Leather Seats & Surfaces but, to make your 12C truly individual, we’ve developed a unique Custom Zoned Interior option.* The interior is divided into distinct areas that can be contrasted using 28 dual-color combinations.

* Color Co-ordinated Steering Wheel is an additional option

**Driver Zone Interior**
Take our unique zoning to the next level by choosing our Driver Zone option.* This distinctive, asymmetrical interior allows you to highlight the driver’s space in your desired combination of up to two leather colors and Alcantara®.

* Color Co-ordinated Steering Wheel is an additional option
COLOR & TRIM
INTERIOR FABRIC OPTIONS

Space Fabric

Silver

Blue

Orange

Red
COLOR & TRIM
INTERIOR LEATHER & ALCANTARA® OPTIONS

Fine Napa Leather
- Carbon Black
- Stone Grey
- Midnight Blue
- Harissa Red
- McLaren Orange
- Natural Tan
- Saddle Tan
- Arabica Brown
- Almond White

Alcantara®
- Carbon Black
3.8

COLOR & TRIM
INTERIOR DETAILING

Color Co-ordinated Steering Wheel
With this option you can color-match your steering wheel [1] to your interior. Colored leather is applied to the upper and lower part of the rim.

Contrast Stitching on Dashboard
You can complete your interior design by adding contrast stitching [2] to the dashboard in one of up to nine colors, depending on your chosen interior specification.

The 12C offers an enormous choice of interior trims, not all of which can be illustrated effectively in this issue. To see the full range, please consult with your McLaren retailer or click here to go to our online MP4-12C configurator. All information is correct at the time of publishing. McLaren Automotive reserves the right to alter specifications and other product information without prior notice. For individual and bespoke options please consult with your McLaren retailer.
Carbon fiber is at the heart of the MP4-12C. The unique, lightweight MonoCell at its core helped us achieve the optimum balance of weight, power and fuel efficiency. You can choose to upgrade your 12C’s turning vanes, diffuser, splitter and mirrors to stunning lacquered carbon fiber, to highlight the advanced carbon technology under the skin of your 12C.

1. **Carbon Fiber Mirror Casings**
   Exterior mirror casings finished in carbon fiber.

2. **Carbon Fiber Turning Vanes**
   Turning vane panels finished in carbon fiber.

3. **Carbon Fiber Diffuser**
   Single-piece carbon fiber rear diffuser.

4. **Stealth Pack**
   Exhaust finishers and Airbrake mechanism finished in gunmetal.

5. **Carbon Fiber Splitter**
   Front splitter in carbon fiber.

   - **Body-Color Splitter**
     Front splitter in body color.

   - **Contrast-Color Splitter**
     Front splitter in contrast color from exterior paint shade.

6. **Carbon Fiber Engine Bay Panels & Covers**
   The highly efficient McLaren M838T engine is framed by the 12C’s glass cover. You can accentuate this area further by specifying the engine’s plenum, header tank covers and surrounding engine panels in carbon fiber.

   6. **Carbon Fiber Engine Covers**
   7. **Carbon Fiber Engine Bay Panels**
The optional Lightweight and Super-Lightweight Forged Wheels offer significant weight savings for owners wanting to save precious kilograms and increase performance even further. By using forged alloy, our engineers have stripped out the mass, while maintaining strength. The five-spoke Lightweight Forged Wheels have a technical look and save 13lbs or 12%, when compared with the standard cast wheels. The 10-spoke Super-Lightweight Forged Wheels offer a pure performance look and are 22lbs or 20% lighter.

**Standard Wheels**

**Lightweight Forged Wheels**

**Super-Lightweight Forged Wheels**

**Stealth Wheel Finish**

The standard silver wheel finish can be changed to a satin gunmetal finish, giving your 12C a striking, more aggressive presence.

**Special Color Brake Calipers**

You can complete your own personal wheel design by changing the brake calipers from the standard black [1] to red [2], McLaren Orange [3] or silver [4]. If you specify the Carbon Ceramic Brakes, it is also possible to upgrade to a polished finish caliper.
3.9

3.9 OPTIONS

PERFORMANCE OPTIONS

[1] Carbon Ceramic Brakes
For the driver who seeks the ultimate in braking performance, durability and reliability on the track, the standard cast iron brakes can be upgraded to the 12C’s Carbon Ceramic Brakes, derived from Formula One™. The significantly larger 394mm diameter front rotors and 380mm rear rotors, combined with the unique, heat-resistant properties of the carbon ceramic material, make them more resistant to brake fade and ensure that they perform consistently even when under pressure from repeated, heavy braking. The 12C’s carbon ceramic rotors are also matched with larger six-piston front and four-piston rear calipers. These can be personalized in several ways, including a polished finish inspired by the FIA Formula One™ Championship winning car, the MP4-23.

Please note: the service life of even the most durable brake pads and rotors can be reduced by performance driving. As with any braking system, we recommend that they are inspected by a professional after every track event.

Sport Exhaust
For the MP4-12C’s stainless steel exhaust system, we designed an innovative mixing box to avoid the use of a conventional, heavy silencer box. By using Inconel, a tough material also found on our Formula One™ cars, we’ve been able to create a thinner, lighter Sport Exhaust. We’ve also altered the Sport Exhaust’s geometry to deliver a more intense, amplified sound. Its distinctive, rhythmic low rumble is punctuated by powerful acoustics every time you step on the 12C’s accelerator and take it up through the gears. Louder and more exhilarating, it creates an unmistakable McLaren sound.

Additional Super-Lightweight Forged Wheels with Corsa Tires
When you’re on the track, a specialist tire helps you get the most out of your 12C’s performance. We’ve developed our Corsa tires with Pirelli to offer superior dry-weather grip. Special compound and tread, combined with a unique construction, will help you maximize your lap times when performance driving. This option gives you an extra set of Super-Lightweight Forged Wheels, fitted with Corsa Tires.

Additional Wheels with Winter Tires
For more control in extreme wet or low-grip conditions, Winter Tires are specially developed to deliver increased grip. This option gives you an extra set of standard wheels, fitted with Winter Tires.
Carbon Fiber Interior Upgrade
By choosing the Carbon Fiber Interior Upgrade, you can highlight the 12C’s advanced carbon fiber technology in the cabin of your car. The door switch packs [1], steering wheel spokes [2] and center console [3] are all finished in lacquered carbon fiber, replacing the standard metallic components.

Audio & Communications
Like every critical element of the 12C, its onboard entertainment, media and communication systems have been specially designed to our exacting requirements. The result – whether you select the standard system or optional IRIS system – is a bespoke, innovative and truly exceptional multi-media experience.
- Standard seven-inch, portrait touch-screen gives fingertip access to the car’s on-board entertainment, media and communication systems.
- Meridian two-channel, four-speaker sound system complete with hard drive media player, AM/FM radio, USB port and integrated support for iPod™ and Microsoft Zune.
- 32GB hard drive; 512MB flash memory.
- Bluetooth connectivity.

IRIS
The IRIS option gives you a significant upgrade to the 12C’s media system:
- Satellite navigation.
- Meridian seven-speaker DSP surround sound hi-fi system.
- 64GB hard drive; 1GB flash memory.
Electric & Heated Memory Seats
The MP4-12C’s Electric and Heated Memory Seats offer the ultimate in comfort and control for you and your passenger. The fully electric seats offer two heat settings as well as a three-position memory, while a sophisticated six-way electrical adjust and four-way lumbar adjust mean that you can tailor your seat position for maximum support and comfort on long journeys. When you turn the 12C’s engine off and open its distinctive dihedral door, this option’s ‘easy-entry’ feature can automatically move the driver’s seat back and down, allowing you to step out of, and back into, the car with greater ease.
**SAFETY & SECURITY**

**Parking Sensors (front & rear)**
Flush-mounted Parking Sensors on the 12C’s front and rear bumpers activate a warning sound within the cabin to make parking easier and safer.

**OPTIONS**

**PRACTICAL**

**Branded Floor Mats**
Driver and passenger Floor Mats featuring MP4-12C branding (edged in high quality leather). A protective matt is also provided in the front luggage cell.

**Coin Tray / Ashtray**
A Coin Tray / Ashtray can be supplied in the cupholder.

**Branded Car Cover**
The Branded Car Cover protects your 12C when indoors.

**Fire Extinguisher**
You can equip your 12C with a Fire Extinguisher, which is securely housed in the luggage cell.

**Warning Triangle & First Aid Kit**

**Lithium Battery Charger**
### FEATURES TABLE

#### Body Structure
- Single-piece carbon fiber MonoCell
- Front extruded aluminum impact structure
- Rear aluminum engine frame and impact structure

#### Engine
- M838T 3.8L V8 turbo engine
- Power: 592hp @ 7000rpm
- Torque: 443lbs ft @ 3000-7000rpm
- Aluminum block and cylinder heads
- Aluminum nikasil lined cylinders
- Dual Variable Valve Timing (VVT)
- Port Fuel Injection (PFI)
- Water cooling
- Four valves per cylinder
- Twin turbochargers
- Individual ignition coils
- Two catalytic converters
- Stainless steel exhaust system with mixing box

#### Transmission & Differential
- Seven-speed + R Seamless Shift Gearbox (SSG)
- Pre-Cog gear priming feature
- Three powertrain & transmission modes (Normal, Sport, Track)
- Twin multi-plate clutches
- Compact twin output shaft design
- Open differential
- McLaren Brake Steer

#### Suspension
- ProActive Chassis Control (PCC) with hydraulic roll control and adaptive damping
- Three roll and damping modes (Normal, Sport, Track)
- Rear Z-bar for additional heave stiffness

#### Wheels & Tires
- Silver finish, cast aluminum, five-spoke design wheels 8.5" x 19" (front)
- Silver finish, cast aluminum, five-spoke design wheels 11" x 20" (rear)
- Pirelli P Zero McLaren specification tires 235/35 R19 (front)
- Pirelli P Zero McLaren specification tires 305/30 R20 (rear)
- Tire Pressure Monitoring System (TPMS)

#### Brakes
- McLaren Airbrake
- Four-piston monobloc aluminum calipers (front & rear)
- 370mm cast iron brake rotors with forged aluminum bell (front)
- 350mm cast iron brake rotors with forged aluminum bell (rear)
- Calipers in black finish with silver McLaren logo

#### Body
- Single hinge mounted dihedral doors
- Standard paint colors (White, Silver, Blue)
- Front splitter finished in satin dark grey
- Polypropylene body-color bumpers
- Aluminum roof, front bonnet & fenders
- Composite body panels
- Single pantograph wiper
- Rear diffuser finished in satin dark grey

#### Lighting
- Bi-xenon headlights with headlight cleaning system
- LED daytime driving lights
- Automatic lights
- Follow me home headlights
- Rear LED lights
- Central High-Mounted Stop Lamp
- Rear dual-function fog/reverse LED lamp
- Illuminated side markers
**Interior**
- Manual adjustable steering column
- Center console stowage
- Stowage in seat pockets
- Cup holders (x2)
- Sun visors
- Manual seats (with electric height adjust on driver side)
- Black Alcantara® headlining
- Part leather seats with Space Fabric inserts
- Leather steering wheel
- Metal interior components (switch-pack surrounds & steering wheel spokes)
- Rocker-mounted branding plate

**Telematics**
- Seven-inch, portrait, touch-screen monitor
- Audio media player
- Picture viewer
- AM/FM radio
- Bluetooth telephony
- USB — Audio in
- iPod™ integration
- 32GB hard drive; 512MB flash memory
- Meridian four-speaker sound system

**Electrical Features**
- Lithium-ion battery
- Two keys with unlock/lock/luggage open & mechanical key function
- Touch entry door system
- Keyless entry
- Keyless start
- Dual-zone climate control
- Electric park brake

**Practical**
- Lithium-ion battery charger
- Towing hook
- Tire inflation kit
- Fuel funnel adapter

**Interior Controls & Displays**
- Steering-wheel-mounted rocker shift with Pre-Cog function for gearchanges
- Active Dynamics Panel with Powertrain & Handling switches (Normal, Sport, Track)
- Start/Stop button
- Launch control button
- Winter mode button
- Downforce mode button
- Auto/Manual mode button
- Hazard lights button
- Transmission controls (RND)
- Manual door lock button
- Luggage compartment open button
- Tilt sensor deactivation button
- Engine cover release button
- Cruise control
- One-touch electric windows
- Electrically adjustable and folding heated mirrors (with dip in reverse functionality)
- Trip computer
- Rain sensor
- Rear window de-fogger
- Up-shift indicator
- Battery level indicator
- Oil level measurement via instrument cluster
- Service indicator
- External temperature indicator
- 12V accessory socket (x2)

**Safety & Security**
- Exterior & interior secondary mechanical door releases
- Alarm (doors, engine cover, luggage compartment)
- Tilt sensors
- Electronic immobiliser
- Driver & passenger front airbags
- Driver & passenger side head airbags
- Driver & passenger knee airbags
- Passenger Occupant Classification System (OCS)
- Emergency fuel shut-off device
- Traction Control (TC)
- Electronic Stability Control (ESC)
- Hill hold
- Brake pad wear sensor
- Anti-Lock Braking System (ABS)
- Brake rotor wipe technology
- Brake assist technology
- Brake pre-fill technology
# Features Table

## Options

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<th>Entertainment</th>
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<tr>
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<td>Carbon Fiber Splitter</td>
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<td>Warning Triangle &amp; First Aid kit**</td>
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<td>Carbon Fiber Engine Bay Panels</td>
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<td>Stealth</td>
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## Interior

<table>
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<th>Entertainment</th>
<th>Safety &amp; Security</th>
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<td>IRIS upgrade with satellite navigation</td>
<td>Parking Sensors (front &amp; rear)</td>
<td>Branded Floor Mat Set</td>
<td>Additional Super-Lightweight Forged Wheels with Corsa Tires</td>
</tr>
<tr>
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<td>Super-Lightweight Forged Wheels</td>
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<td>Vehicle Tracking System *</td>
<td>Coin tray / Ashtray</td>
<td>Additional Wheels with Winter Tires</td>
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<tr>
<td>Driver Zone Interior</td>
<td>Stealth Wheel Finish</td>
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<td>Branded Car Cover</td>
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<tr>
<td>Color Co-ordinated Steering Wheel</td>
<td>Carbon Ceramic Brakes</td>
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<td>Fire Extinguisher</td>
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<tr>
<td>Contrast Stitching on Dashboard</td>
<td>Special Color Brake Calipers</td>
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<td>Warning Triangle &amp; First Aid kit**</td>
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<tr>
<td>Carbon Fiber Interior Upgrade</td>
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<td>Electric &amp; Heated Memory Seats</td>
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<td>Carbon Fiber Seat Backs</td>
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<td>Carbon Fiber Sill Panels</td>
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<td>Carbon Fiber Wheel Arches</td>
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* Service may vary by market – please consult with your McLaren retailer

** Standard equipment in specific markets – please consult with your McLaren retailer

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# Technical Specification

## Engine
- **Type**: M838T
- **Engine capacity (cc)**: 3,798
- **Type**: 90° V8
- **Technology**: Twin-turbo, Dry sump
- **Valvetrain**: 32-valve, DOHC, VVT
- **Bore x Stroke**: 93mm x 69.9mm
- **Compression ratio**: 8.7:1
- **Max rpm**: 8,500
- **Power**: 592hp @ 7,000rpm
- **Torque**: 443lbs ft @ 3,000-7,000rpm

## Transmission
- **Type**: 7-speed McLaren Seamless Shift dual clutch gearbox (SSG) with Pre-Cog functionality
- **Gear ratio (1st)**: 4.0
- **Gear ratio (2nd)**: 2.6
- **Gear ratio (3rd)**: 1.9
- **Gear ratio (4th)**: 1.5
- **Gear ratio (5th)**: 1.2
- **Gear ratio (6th)**: 0.9
- **Gear ratio (7th)**: 0.7
- **Final-drive ratio**: 3.3
- **1st (mph / 1,000rpm)**: 6.0
- **2nd (mph / 1,000rpm)**: 9.1
- **3rd (mph / 1,000rpm)**: 12.5
- **4th (mph / 1,000rpm)**: 16.2
- **5th (mph / 1,000rpm)**: 20.6
- **6th (mph / 1,000rpm)**: 26.4
- **7th (mph / 1,000rpm)**: 34.8

## Wheels & Brakes
- **Wheel Size (F/R)**: 8.5" x 19" / 11" x 20"
- **Tire Type**: McLaren spec Pirelli P.Zero
- **Tire Size (F/R)**: 235/35 R19 / 305/30 R20
- **Standard Brakes**: Cast iron rotors with forged aluminum hubs
- **Standard Brake Size (F/R)**: 370mm / 350mm
- **Standard Brake Calipers (F/R)**: 4 piston / 4 piston
- **Optional Brakes Carbon**: Ceramic Rotor
- **Optional Brake Size (F/R)**: 394mm / 380mm
- **Optional Brake Calipers (F/R)**: 6 piston / 4 piston

## Vehicle Dynamics
- **Differential**: Open differential with Formula One™ Brake Steer
- **Stability control modes**: Winter / Normal / Sport / Track
- **Driver aids**: ABS, traction control, ESC, launch control

## Body
- **Type**: McLaren Carbon Fiber MonoCell with aluminum front and rear structures
- **Aerodynamics**: Active Airbrace
- **Wheelbase**: 2,670mm (105.12")
- **Length**: 4,509mm (177.52")
- **Width**: 1,908mm (75.12")
- **Height**: 1,199mm (47.2")
- **Track (F/R)**: 1,656mm / 1,583mm (65.2" / 62.3")

## Efficiency
- **Power to weight***: 455hp/ton
- *with lightweight options

## Performance
- **Maximum speed**: 205mph
- **0-60mph**: 3.0s (with Corsa tires)
- **0-402m (¼ mile)**: 10.9s @ 134mph

## Braking
- 124-0mph: 404ft
- 62-0mph: 100ft
TECHNICAL SPECIFICATION

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OVER TO YOU...

The MP4-12C is a new kind of sports car built to satisfy the diverse demands of 21st century driving. From crowded city streets to inter-continental highways. From sinuous mountain passes to wide-open race tracks. Night or day, Rain or shine. Hugely powerful yet highly efficient. Blisteringly fast but wholly accessible. Compact and spacious. Light and strong. Understated yet unmistakable. MP4-12C. ‘Pure McLaren,’ designed for you.