

ESTABLISHED 1937

TAYLOR & CRAWLEY



MCLAREN 650S LE MANS



IN

LE MANS

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THE MCLAREN 650S LE MANS IS A LIMITED EDITION MODEL LAUNCHED TO CELEBRATE THE 20TH ANNIVERSARY OF MCLAREN'S VICTORY AT THE 24 HOURS OF LE MANS WITH THE F1 GTR.

Only 50 examples were manufactured, 49 finished in metallic Sarthe Grey inspired by the livery of the Le Mans race-winning McLaren F1 GTR and only 1, this car #5474, in Harrods Yellow an homage to the 3rd place Harrods F1 GTR.

Designed by MSO in consultation with Peter Stevens, the designer of the iconic McLaren F1, the McLaren 650S Le Mans takes a number of details from the 1995 race-winner, most notably the roof-mounted 'snorkel' air intake. This fully-integrated 'snorkel' channels increased airflow to the familiar McLaren 3.8-litre twin turbo V8 engine, whilst also providing enhanced aural drama within the cabin. The unique 'Le Mans Edition' lightweight wheels, 19 inch at the front, 20 inch at the rear, are styled after the motorsport rims fitted to the 1995 GTR racers. These wear the McLaren developed Pirelli P Zero Corsa tyres and house carbon ceramic brakes. The front wings feature subtle louvres to reduce pressure over the front wheels increasing downforce.

Commenting on the McLaren 650S Le Mans, Stevens says: “With a mix of subtle design traits, the 650S Le Mans echoes the iconic lines of the McLaren F1 and uses features such as the wing louvres and the roof-

mounted air intake. It is a fantastic homage to that original design, and to the incredible race result achieved by the team in 1995 at one of the most difficult, and most challenging races in the world the Le Mans 24 Heures.”





LJI5 GXF

The McLaren 650S is an evolution of the previous model and notably uses updates from the exotic McLaren P1 to make the car more responsive and focused. The 650 refers to the engine's power output in Pferdestärke, the European standard for horsepower and the S as usual means Sport.

The carbon-fibre monocoque, which uses aluminium subframes front and rear, weighs 75 kg (165 lb) and is manufactured by CarboTech an aerospace contractor. McLaren's ProActive Chassis Control (PCC), a derivative of McLaren's F1 active suspension system is fitted, this hydraulically links the dampers left and right of the car as



SPECIFICATION

POWERTRAIN

Engine M838T

Engine capacity (cc) 3,799

Format 90° V8

Technology Twin turbo, dry sump

Valvetrain 32 valve, DOHC, VVT

Max rpm 8,500

Power 650 PS (641 bhp) (478 kW) @ 7,250 rpm

Torque 678 Nm (500 lb ft) @ 6,000 rpm (95% @ 3000-7000 rpm)

Transmission 7- speed Seamless Shift dual clutch Gearbox (SSG)

CHASSIS

Suspension Type ProActive Chassis Control

Differential Open differential with Brake Steer

Driver Aids ABS, Traction control, ESC, Launch control

Wheel Size 8.5" x 19" / 11" x 20" (F/R)

Tyres Pirelli P Zero Corsa

235/35 R19 / 305/30 R20 (F/R)

PERFORMANCE

Maximum Speed 333 kph (207 mph)

0-60 mph 2.9 s

0-124 mph 8.4 s

EFFICIENCY

Fuel Consumption (combined) 24.2 mpg (11.7 l/100 km)

CO2 275 g/km





well as front & rear. Hydraulic pressure is gathered in a central accumulator controlled by gas pressure and each damper's compression is linked to the opposite damper's rebound. The overall stiffness of the suspension can also be adjusted for different driving conditions.

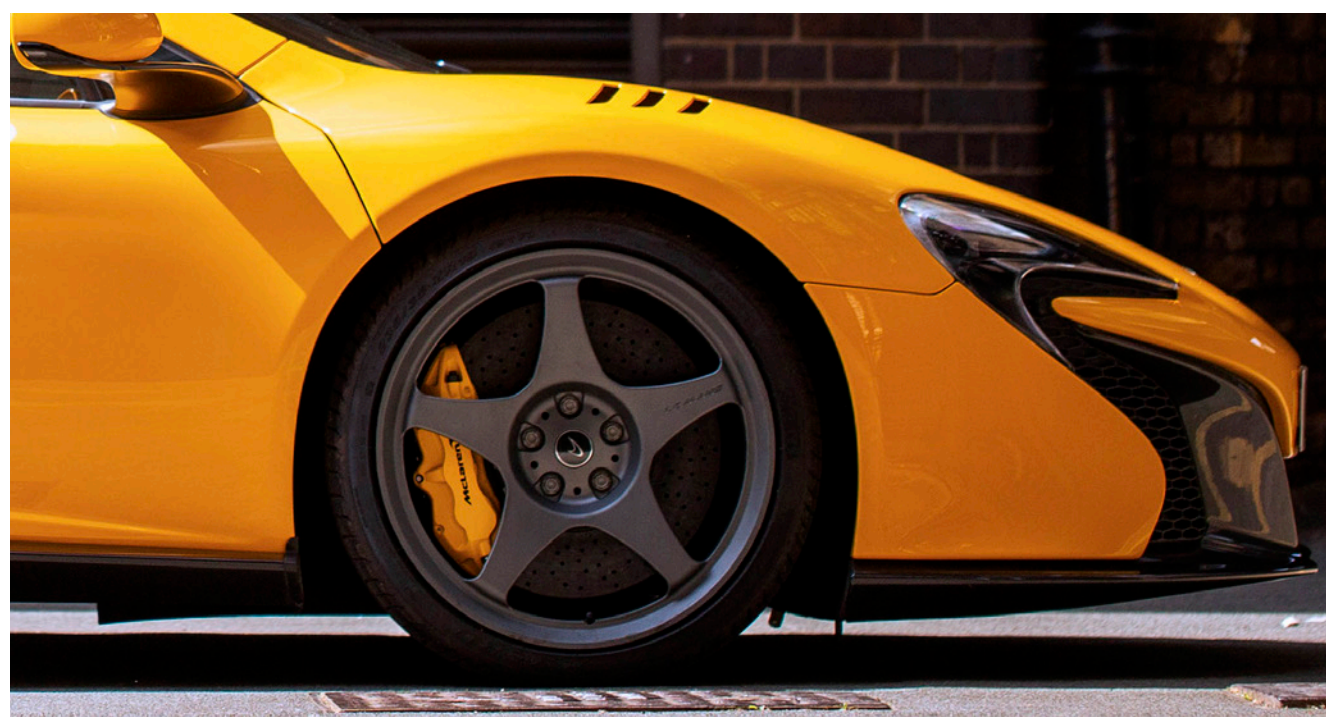
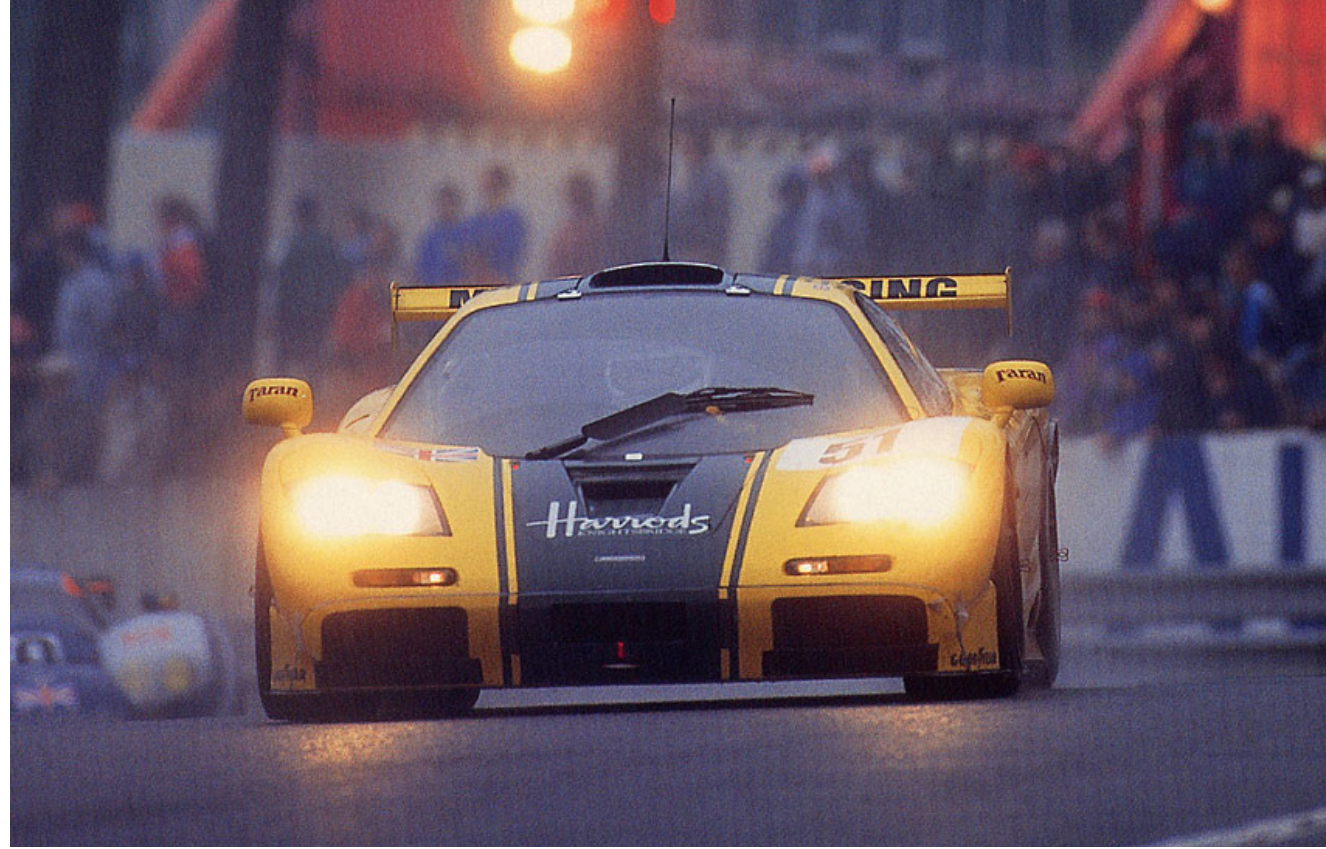
A new front splitter, redesigned wing blades and a new rear diffuser based on the GT3 race car increase downforce by 24% and the air brake is now controlled by the onboard computer.

The McLaren 3.8-litre twin turbo V8 engine has been redesigned for the 650S and now has an 8,500rpm red-line with new pistons, new valves, recalibrated camshaft timing, improved cylinder heads and a new exhaust system which allied to a new ECU improves engine response and also reduces weight. This is mated to the proven 7 speed dual clutch transmission but this has been recalibrated for faster shifts.

McLaren 650S Le Mans #5474 is trimmed in Alcantara & leather with carbon fibre interior and sports seats and the infotainment system is based on the P1 unit.

Extras include:

- Solar Yellow finish
- Carbon Splitter
- Tyre pressure monitoring system
- Parking sensors
- Carbon rear bumper
- Tracking system
- Stealth pack
- Carbon black Alcantara steering wheel
- MSO Carbon diffuser





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