

January 2020

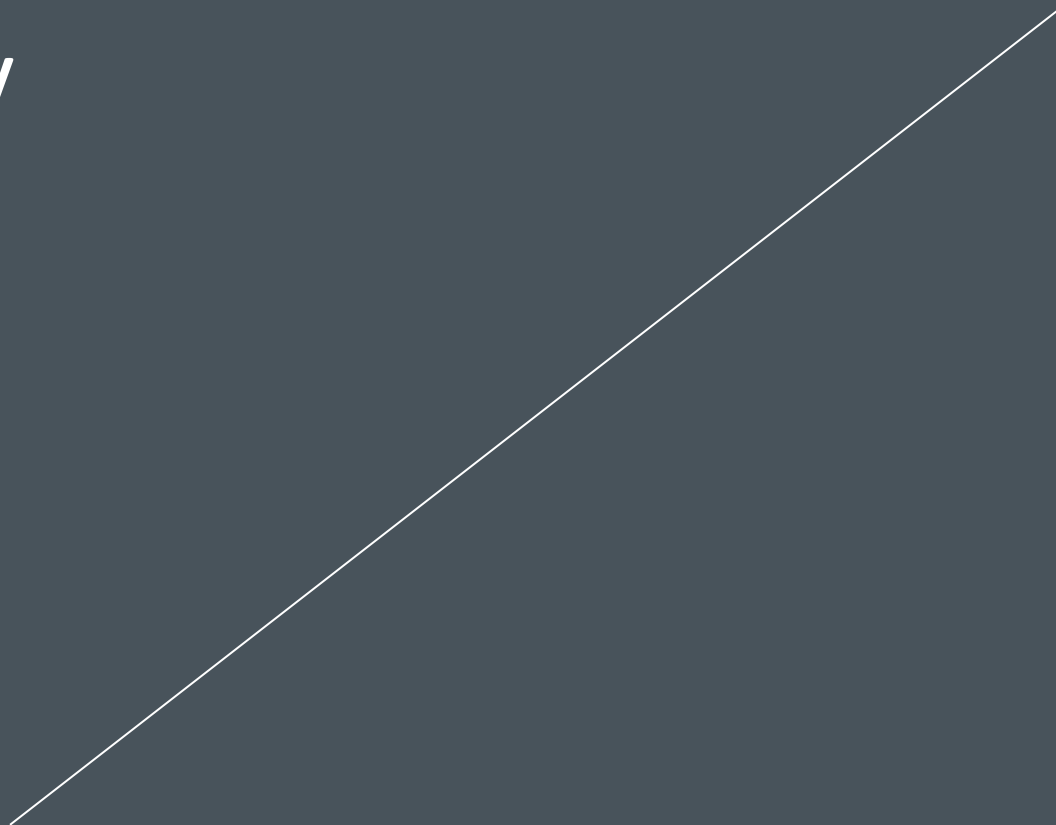


620R

Product Guide

STRICTLY
CONFIDENTIAL

Short story



1

Product introduction

McLaren is the only motorsports team to have won the Triple Crown of Motorsports winning in different disciplines at Le Mans, Monte Carlo and Indianapolis. Since launching with customer teams in 2017, the 570S GT4 model has achieved more podium finishes than any other McLaren race car to date. During 2019, the 570S GT4 is also the most successful car on the grid in the championships in which it is competing, achieving more wins and more podiums than any other brand.

From this success, the McLaren 620R is born - a modified road-legal motorsport product that's been engineered from the thoroughbred DNA of the 570S GT4 and purified to create a true racecar for the road.

Exclusive and extreme in equal measure, the McLaren 620R is an evolution of the full competition specification GT4 car, built to a limited production run of just 350 units. Born for the track, yet freed from the restrictions of racing regulations and fully capable of taking to the streets.

Sharing the same Carbon Fibre MonoCell and adjustable aerodynamic elements as the 570S GT4, 620R benefits from a significantly more powerful 620PS powertrain, paired with racing derived suspension components. In addition, centre-locking wheels can be fitted with roadgoing tyres or track-only bespoke motorsport slicks for blistering lap times up to three seconds faster on the Nardo test track.

A unique offering in its class, the McLaren 620R is the first car that can boast true competition credentials but also be used on the road. Wearing an authentic GT4 racecar livery, it delivers a pure motorsport experience with intense thrill and maximum driver engagement. An uncompromised machine capable of providing a seamless transition from road to race.

Performance highlights

01 0-100km/h (0-62mph)

2.9 seconds

02 0-200km/h (0-124mph)

8.1 seconds

03 Top speed

>320 KM/H

>200 MPH

04 Downforce (adjustable wing in highest position)

185 kg

408 lbs



600LT vs 620R

600LT

620R

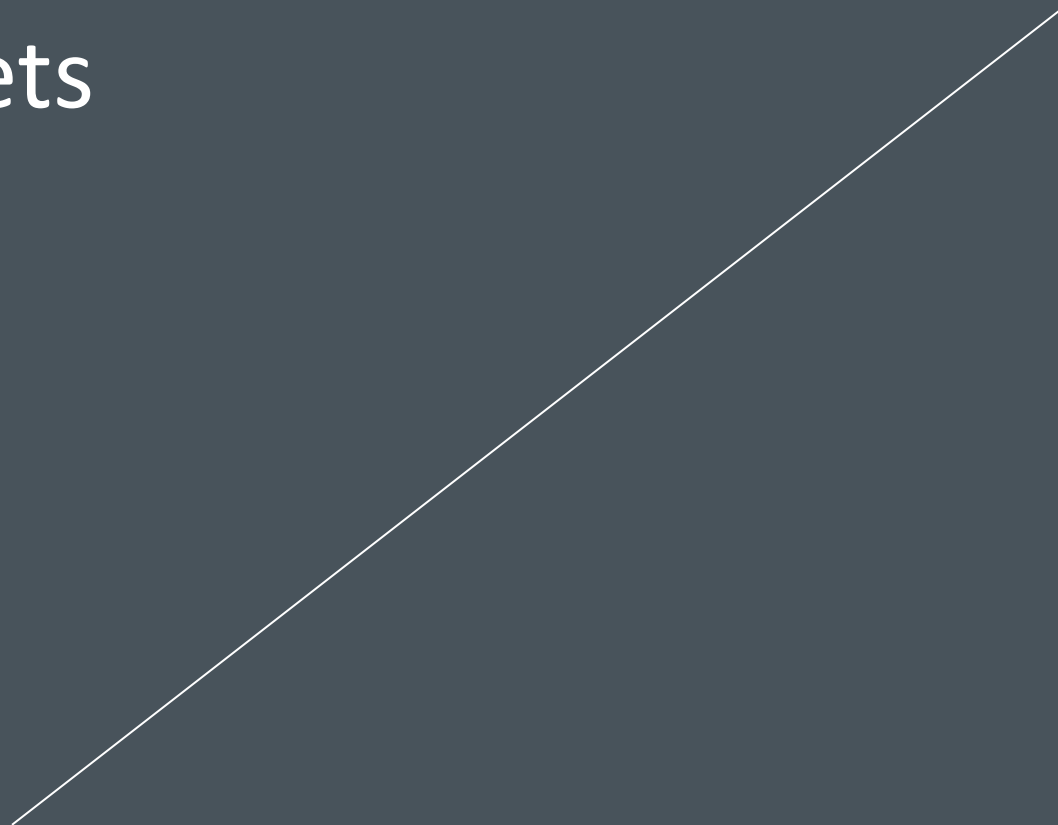
| | | |
|-------------------------------------|--|---|
| VEHICLE CONCEPT | Track focussed road car | Road legal Motorsport car |
| POWER | 600 PS | 620PS |
| TORQUE | 620 Nm | 620Nm |
| WEIGHT (Dry Lightest) | 1247kg/2749lbs | ~1272kg/2804lbs (target) |
| TOTAL DOWNFORCE @ 250KM/H (155MP/H) | 100kg/220lbs | 185kg/408lbs |
| 0-100KM/H (0-62MP/H) | 2.9s | 2.9s |
| 0-200KM/H (0-124MP/H) | 8.2s | 8.1s |
| TRACK TIME (NARDO) | 2m:20s | 2m:17s |
| CHASSIS | Pirelli P Zero® Trofeo R tyres Lightweight Wishbones and Uprights Quick Ratio Steering Adaptive Damping | Pirelli P Zero® Trofeo R or Pirelli Slick tyres Lightweight Wishbones and Uprights Quick Ratio Steering Motorsport Manually Adjustable Dampers |
| AERO | Fixed Rear Wing Extended Diffuser Extended Front Splitter | Adjustable Rear Wing Extended Front Splitter & Bonnet “Nostrils” Front Dive Planes |
| POWERTRAIN | Semi-Rigid Engine and Transmission mounts Top mounted Exhaust | Stiffer Semi-Rigid Powertrain mounts Low mounted Sports exhaust (Titanium opt) |
| CONSTRUCTION | Carbon Fibre Monocell II with Aluminium and Carbon Fibre Body panels | Carbon Fibre Monocell II with Aluminium and Carbon Fibre Body panels |
| INTERIOR | Removed carpets, glovebox, door pockets Carbon Fibre Racing Seat Full Alcantara interior | Removed carpets, glovebox, door pockets Superlight Carbon Fibre Racing Seat Full Alcantara interior Lightweight Carbon Fibre Centre Tunnel and Rear Bulkhead Harness Bar with 6-Point Harness |

Emissions & Fuel Consumption

Fuel Efficiency & CO₂ Emissions (WLTP)

| | | |
|-------------------|----------|-------------------------|
| Low (WLTP) | 514 g/km | 12.4 mpg (22.7 l/100km) |
| Medium (WLTP) | 269 g/km | 23.9 mpg (11.8 l/100km) |
| High (WLTP) | 226 g/km | 28.5 mpg (9.9 l/100km) |
| Extra High (WLTP) | 239 g/km | 26.9 mpg (10.5 l/100km) |
| Combined (WLTP) | 278 g/km | 23.2 mpg (12.2 l/100km) |

Silver bullets



2

Motorsport pedigree

- 620R takes the concept and philosophy from the race winning 570S GT4
- A Motorsport programme developed and created using the same hardware, processes, people and facilities as 570S GT4
- Shares the aerodynamic hardware as well as chassis components with the 570S GT4 for race car performance and feel
- A race car homologated for the road



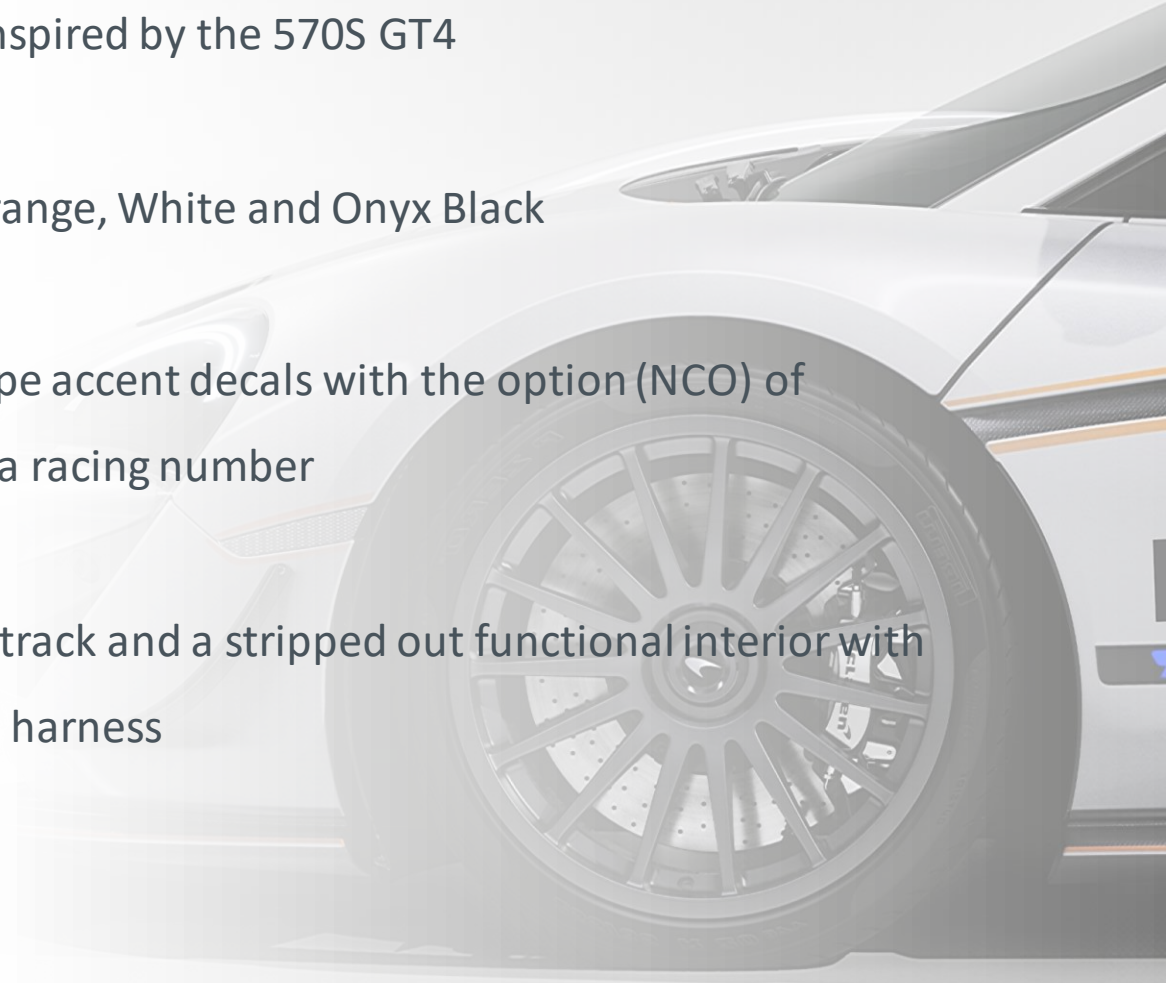
Track performance

- 185kg of downforce across the aerodynamic bodywork
- High mechanical grip from either a full Motorsport slick tyre for the track or P Zero[®] Trofeo R semi-slick for the road
- Extensive use of carbon fibre in construction for a low kerbweight combined with 620PS and 620Nm of torque
- All this brought together to deliver a track ready product and the fastest ever Sports Series around a racetrack



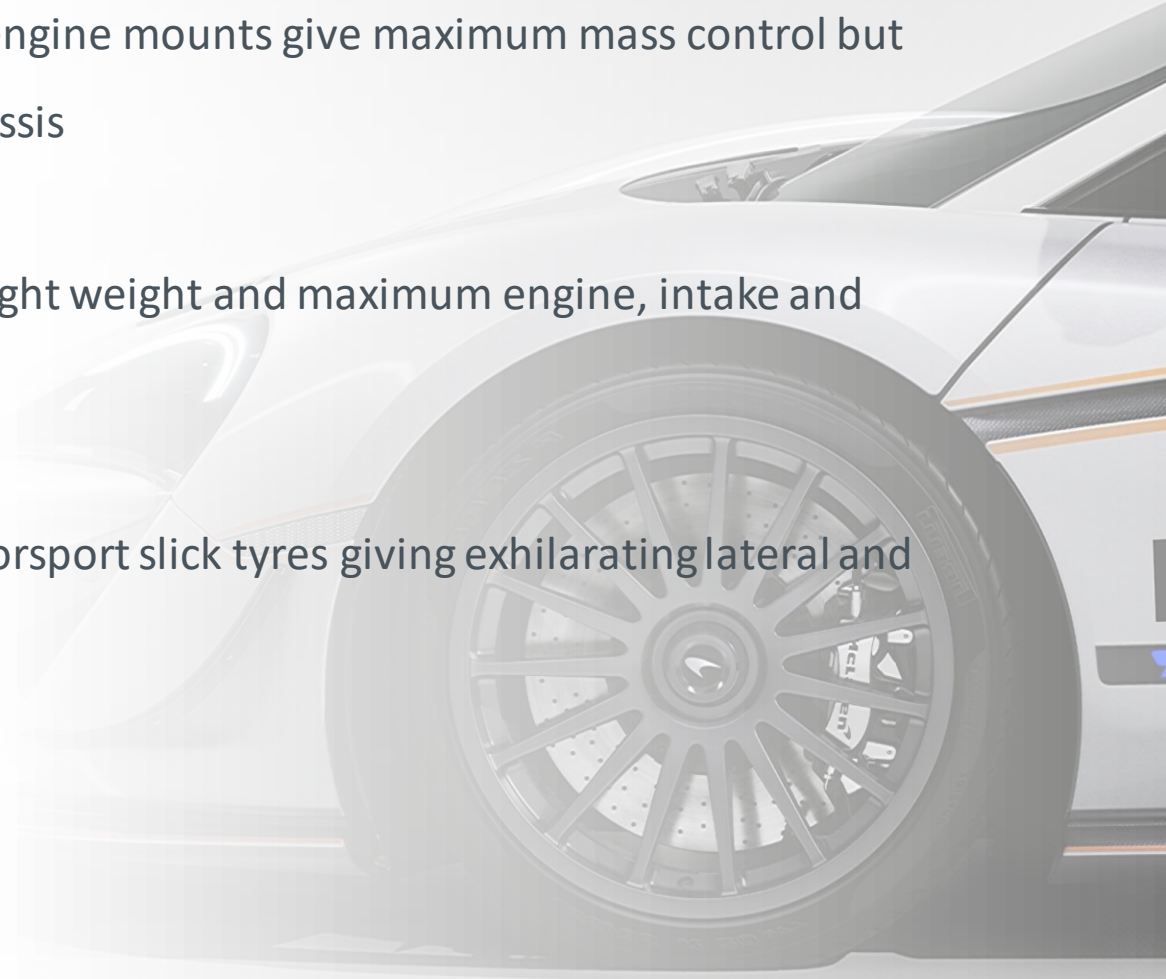
Race car design

- Aggressive race car design and aerodynamic bodywork inspired by the 570S GT4
- Coming as standard in three racing colours – McLaren Orange, White and Onyx Black
- A choice of McLaren Racing Orange or White GT4 pinstripe accent decals with the option (NCO) of Partner decals (Richard Mille & Pirelli) and a location for a racing number
- Centre locking wheels, lowered suspension with a wider track and a stripped out functional interior with super-lightweight carbon fibre racing seats and a 6-point harness



Pure engagement

- Rigid suspension top mounts and stiff transmission and engine mounts give maximum mass control but also deliver unfiltered feedback from the engine and chassis
- Roof Scoop, removal of all carpet and NVH material for light weight and maximum engine, intake and exhaust sound
- Enhanced acceleration, braking and cornering from Motorsport slick tyres giving exhilarating lateral and longitudinal g-forces



620R in detail –
standard content

A large, white, stylized number "3" with a thick, rounded font.

Front view



Carbon fibre bonnet with aerodynamic “nostril” air ducts

Darkened LED headlights with Black Reflectors
“620R” branding

Visual carbon fibre extended front splitter with lower air intakes

Motorsport 2-way (rebound and compression) manually adjustable coil-over dampers and rigid top mounts

Visual carbon fibre front dive-planes

Front towing strap in red fabric (not shown)

Rear view

Visual carbon fibre adjustable rear wing with 3 downforce settings (adjustable at retailer)



M838TE with 620PS and 620NM
Carbon Fibre Plenum cover
New semi-rigid engine mounts

7 Speed SSG Gearbox with stiffer mounts
Inertia Push and Ignition Cut gearshifts
No transmission “creep”

Increased track width/10mm ride height reduction

Low mounted Sports Exhaust system in powder-coat Stealth grey

Side view

20" Rear/19" Front 15-Spoke alloy wheels
Stealth grey powder coat finish
centre locking system

Lightweight Carbon Ceramic brakes with 6 piston calipers, track focused vacuum pump and master cylinder



Removed sound deadening material in wheelarches and bulkhead
Thinned bulkhead rear glass

Lightweight aluminium wishbones and uprights, quick ratio steering, track optimised anti roll bars and springs

Front ¾ view

Extended Carbon Fibre High Temperature Radiator (HTR) intakes

570S GT4 inspired vinyl racing decals in McLaren Orange or White pinstripe with matte black centre sections



White Race Number Background Decals and 620R branding – Blue “R” (Numbers not supplied)

Pirelli P Zero® Trofeo R Semi-Slick tyres or Pirelli Motorsport Slick tyres (with or without second wheelset)

Interior view

Alcantara Steering wheel
Red 12 o'clock mark
Visual carbon fibre clasp and extended paddles

Standard McLaren Track
Telemetry application

Lightweight Carbon Black
Alcantara trim on headliner,
doors, seats, fascia

Deleted Nav/audio system
(base) with 620R branded
aluminium speaker blank plates

Red door pull strap
Soft close doors

Super-Lightweight Carbon Fibre Racing seats
6-Point Racing Harness Seatbelt in Black
Harness Bar

Bare carbon tub with heel grip pad (driver's
side)

Raised Visual Carbon Fibre
Centre Console

620R in detail – options and personalisation

A thin white diagonal line that starts near the bottom left and extends towards the top right, crossing the text area.

4

GT4 inspired livery



GTR inspired livery - limited to 25 cars



Gloss Finish Visual Carbon Fibre Exterior Upgrade



Extended Side Intake

Side Skirts

Door Mirror Casings



Bumper

Rear Diffuser

Rear Deck & Service Cover



Brake Caliper colours

Black brake calipers with a White Printed McLaren Logo come as standard on the McLaren 620R. Customers can also choose from six optional brake caliper colours, detailed below.

Standard Colour



Black Calipers,
White Printed Logo

Optional Colours



McLaren Orange Calipers,
Silver Machined Logo



Red Calipers,
Silver Machined Logo



Yellow Calipers,
Silver Machined Logo



Polished Calipers,
Silver Machined Logo



Azores Calipers,
Silver Machined Logo



Azura Blue Calipers,
Silver Machined Logo

Wheel options & MSO Louvered Fender pack

620R features Stealth grey powder coat finish Centre Lock Wheels as standard with Gloss Black finish as an option.

Standard Colour



Stealth Finish 15-Spoke Centre Lock Forged Alloy Wheels

Optional Colour



Gloss Black Finish 15-Spoke Centre Lock Forged Alloy Wheels

MSO Defined Gloss Finish Visual Carbon Fibre Front Fender Louvres



Tyre options

The application of bespoke Pirelli Motorsport slick tyres represents the first time full slick tyres can be utilised on a road homologated vehicle in 19" front and 20" rear sizes, without making any other mechanical adjustments to the setup of the vehicle

Slick tyres will be made available as a McLaren Genuine Accessory option either with or without a full second wheelset. They will also be made available as spare parts orderable via the Unidial system

620R will be delivered on P Zero[®] Trofeo R tyres as standard for use on the road. If ordered, the slick wheelset will be delivered separately and can be fitted either at the retailer or trackside

It is not legal for slick tyres to be used on the road nor is it advisable for them to be used on track in damp conditions. Pirelli Sottozero[®] tyres are available for winter use.



Other key options

- McLaren Track Telemetry (MTT) application with 3 cameras
- Carbon Fibre Interior Pack containing door switch-pack surrounds, infotainment screen surround and interior door inserts (Central Tunnel, Steering Wheel Clasp and Paddles standard)
- Adaptive Dampers with Vehicle Lift (Lift system not available on Motorsport dampers)
- Bowers & Wilkins 12-speaker audio system
- MSO Defined Titanium Super Sports Exhaust with Gloss Nano Black finishers
- MSO Defined 6-Point Harness Colour (Black as Standard) - Red, McLaren Orange, Blue
- Air conditioning (NCO)



Warranty & servicing

Warranty

The 620R is covered by the McLaren vehicle warranty, which includes roadside assistance (not available in all markets). Motorsport components have been developed with specific service requirements, which need to be adhered to in order to protect this warranty. This forms part of the pre- and post-track checks that should be completed at retailers before driving on track.

Service Schedule

Service schedules are every year or 15,000kms (10,000 miles), whichever occurs first. While the 620R should visit the retailer every year, there are some items which won't need to be changed (mileage dependent) on every service.

The McLaren vehicle warranty has no mileage limitations and includes the following:

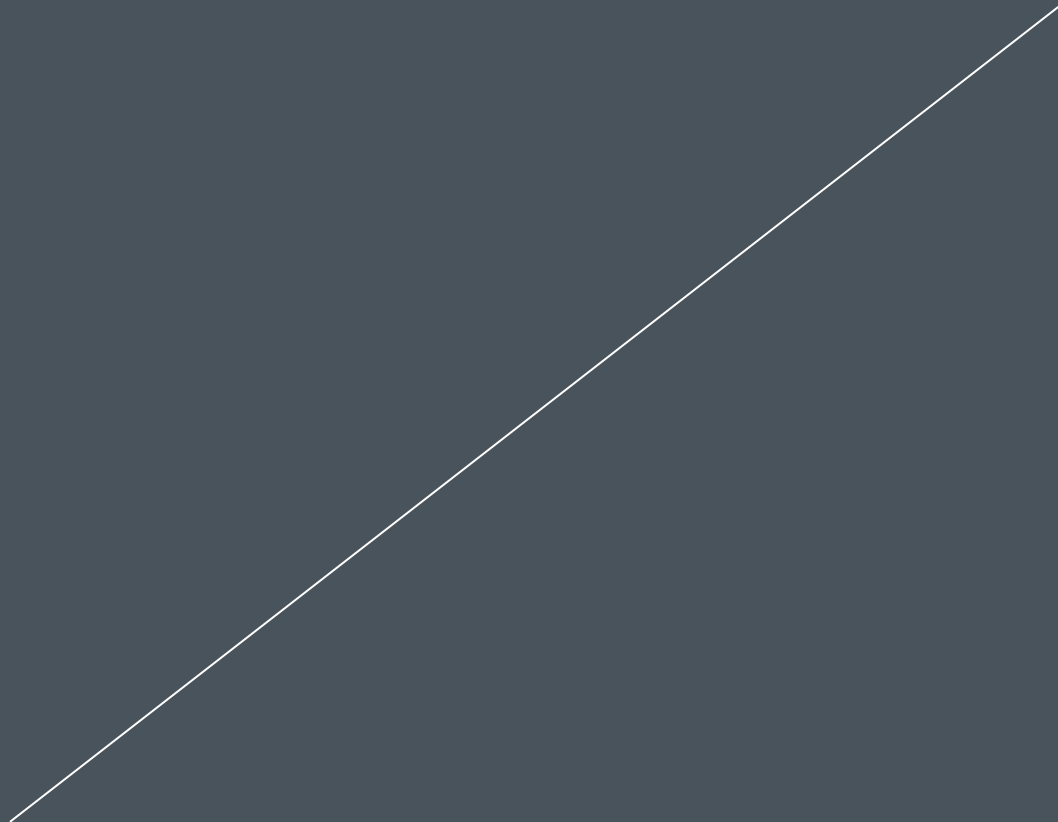
- 3 years' vehicle warranty
- 3 years' paint surface warranty
- 10 years' corrosion warranty

Furthermore, the warranty also offers:

- Guaranteed use of McLaren genuine parts fitted by fully trained McLaren technicians
- Unlimited mileage cover throughout the term of the warranty
- Valid through the region of purchase
- The McLaren extended warranty is also available and gives customers the option to cover their vehicle for up to 12 years. The policy can be registered in 12/24 month policy increments up until the vehicle's 10 year anniversary from the date of first registration.



Long story



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Chassis - Race Car Dampers

The McLaren 620R is delivered as standard with race proven Motorsport dampers from the 570S GT4. They give the option of independent 2-way adjustability (rebound and compression) with 32 settings available at each corner of the car. This enables the user to always have the optimal set up for maximum grip for the given track conditions and their driving style.

The dampers are anchored to the chassis via rigid spherical stainless steel top mounts – forgoing rubber mounts enhances the steering control. The change also improves road texture feedback through the steering wheel and chassis engagement. Of course this set up means some of the signature McLaren compliance and smoothness is traded in for a driving experience much closer to that of the race car donor.

As the motorsport dampers bring a reduction in unsprung weight of more than 6kg/13lbs, handling is improved further.



Chassis – Carbon Ceramic Brakes

620R features our latest-generation lightweight braking system, this minimises unsprung weight and improves performance on track. The front discs measure 390mm with 6-piston forged aluminium calipers, and the rear discs are 380mm with 4-piston forged aluminium calipers.

The carbon ceramic brakes provide phenomenal stopping power, especially in combination with the grippier optional Pirelli Motorsport slicks. This system is also much less susceptible to brake fade when pushed hard on track than iron disks. The redesigned 620R front end aerodynamics also benefit braking performance through more efficient cooling of the system.

The track focused vacuum pump ensures pedal consistency during repeated use. Additionally, the brake booster uses technology from the McLaren Senna delivering greater performance with sharper pedal response and enhanced modularity.



Chassis - Slicks

The optional bespoke slick tyres for 620R have been developed by the dedicated Pirelli Motorsport team in partnership with McLaren.

The design is optimised to run with the race derived suspension of 620R and unlocks a 8% larger contact patch, enabling a 4% improvement in lateral g over the standard P Zero[®] Trofeo R, this saves up to 3s per lap around the Nardo test circuit.

Focus has also been placed on ensuring durability, the tyre compound is thus set up for race use, rather than a softer 'qualifying' mix which would deteriorate faster.

In the interest of safety and optimised usage, the Tyre Pressure Monitoring System (TPMS) has been retained.



Aerodynamics – Adjustable Wing

McLaren 620R has been equipped with a GT4 style adjustable rear wing & pylons, the cross sectional profile and curvature have both been carried over from the GT4 race car, yet we were able to also integrate a third brake light for road homologation without compromising the aerodynamic efficiency.

The wing has been placed 32cm/12.5in high into the cleaner airflow above the vehicle to ensure the most effective positioning for increased downforce while also keeping the drag to a negligible minimum.

The car is delivered with the wing in its lowest angle for a balanced front/rear aero approach. For track layouts that require higher downforce the wing can be moved to the higher angles and the balance is adjusted rearward.

Overall downforce @ 3 settings of (retailer adjusted) wing:

- 120kg/264lbs (default)
- 150kg/330lbs
- 185kg/408lbs



Aerodynamics – Front Splitter & Dive Planes

The front bumper, splitter, and bonnet of the McLaren 620R have been redesigned to come as close to the aerodynamic properties of the GT4 car within the limitations of road homologation.

The GT4 inspired front splitter retains the more pronounced aero blades and additional cooling & aero cut-outs of the race car. Notably, the bonnet 'nostrils' have been utilised to aid downforce and help the overall aerodynamic efficiency of the car.

The dive planes generate 40kg/88lbs of additional front downforce, aiding precise turn in and aero balance across the platform. The dive planes create an area of low pressure underneath the mount point and also further accelerate the air along the side of the car.

The increased front downforce, racing suspension set up and optional Pirelli Motorsport Slicks give 620R a unique driving experience among road legal vehicles.



Powertrain – Engine & Gearbox



The McLaren 620R uses the 3.8L V8 engine from the 570S GT4 car but is set free from any FIA balance-of-performance restrictions.

The powertrain development programme took learnings from extensive on track and lab testing to balance output with cooling and drivability.

620R has a reconfigured ECU and boost control for an increased output of 620PS and 620Nm.

Extremely stiff powertrain mounts control drivetrain forces under acceleration which prevents the inertia from upsetting the car during high g manoeuvres. As a secondary effect this will also transmit the powertrain feeling into the cabin and seat through the carbon fibre MonoCell II.

Using technology developed for the Super Series LT programme – and adopted from Formula 1 – the 620R uses Ignition Cut in Sport mode. A momentary cut of the ignition spark during a gearshift creates a faster change, and each upshift or downshift is accompanied by the same dramatic aural ‘crack’ first experienced on the McLaren 675LT.

In Track mode optimal gearshift performance is achieved through McLaren’s Inertia Push technology. Employing the built-up kinetic energy of the flywheel to deliver an impulse of torque as the next forward gear is engaged, it ensures continuous strong acceleration as the driver upshifts and the fastest possible shift times.



Detailed specification



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Detailed specification

Standard content

| | 620R |
|---|------|
| Engine | |
| ▪ M838TE 3.8L Twin-Turbocharged V8 Engine 620 PS / 620 Nm of torque | ✓ |
| ▪ Twin Turbochargers | ✓ |
| ▪ Aluminium Block and Cylinder Heads | ✓ |
| ▪ Dual Variable Valve Timing (VVT) | ✓ |
| ▪ Port Fuel Injection (APFI) | ✓ |
| ▪ Eco Start-Stop System with Deactivation Switch | ✓ |
| ▪ Low Exit Stainless Steel Exhaust System | ✓ |
| ▪ No Transmission Creep | ✓ |
| ▪ Burnout Mode | ✓ |
| ▪ Ignition Cut & Inertia Push Gearshifts | ✓ |
| ▪ Sports Exhaust | ✓ |

Detailed specification

Standard content

| | 620R |
|---|------|
| Transmission & Differential | |
| ▪ 7-Speed + Reverse Seamless Shift Gearbox (SSG) | ✓ |
| ▪ 3 x Powertrain Modes (Normal, Sport, Track) | ✓ |
| ▪ Twin Multi-Plate Clutches | ✓ |
| ▪ Open Differential | ✓ |
| ▪ Launch Control | ✓ |
| ▪ McLaren Brake Steer | ✓ |
| Body Structure | |
| ▪ Single Piece Carbon Fibre MonoCell II | ✓ |
| ▪ Front Extruded Aluminium Crash Structure | ✓ |
| ▪ Rear Aluminium Engine Frame and Crash Structure | ✓ |
| ▪ Engine Beautification – Visible Details Through Apertures | ✓ |
| ▪ Exposed Engine Bay | ✓ |

Detailed specification

Standard content

620R

Wheels & Tyres

- 15-Spoke Centre Lock Forged Alloy Wheels, Dark Stealth Finish
- Wheel Sizes: 8J x 19 Front and 11J x 20 Rear
- Tyre Sizes: 225 / 35 / R19 Front and 285 / 35 / R20 Rear
- Pirelli P ZERO™ Trofeo R Tyres
- Tyre Pressure Monitoring System (TPMS) + Tyre Temperature Gauge

✓
✓
✓
✓
✓

Brakes

- Carbon Ceramic Brakes with 6-Piston Aluminium Calipers Front and 4-Piston Aluminium Calipers Rear
- Brake Calipers: Black with White Printed McLaren Logo

✓
✓

Suspension

- Manually Adjustable Motorsport Damping with Lowered Ride Height
- 3 x Handling Modes (Normal, Sport, Track)
- Anti-Roll Bars
- Wishbones and Uprights
- Track Optimised Front Track Width

✓
✓
✓
✓
✓

Detailed specification

Standard content

| | 620R |
|--|------|
| Driver Assistance Technology | |
| ▪ Anti-Lock Braking System (ABS) | ✓ |
| ▪ Dynamic Electronic Stability Control (DESC) | ✓ |
| ▪ Traction Control System (TCS) | ✓ |
| ▪ Hill Hold Assist | ✓ |
| ▪ Brake Pad Wear Sensors – Front & Rear | ✓ |
| ▪ Brake Disc Wipe Technology | ✓ |
| ▪ Brake Assist Technology | ✓ |
| ▪ Brake Pre-Fill Technology | ✓ |
| ▪ Cruise Control | ✓ |
| ▪ Electronic Parking Brake | ✓ |
| ▪ 4 Front and 4 Rear Parking Sensors | ✓ |
| ▪ Rear View Camera | ✓ |
| Accessories | |
| ▪ Towing Eye (Front) | ✓ |
| ▪ Tyre Repair Kit (Tyre Weld) | ✓ |
| ▪ Emergency Lamp, Fire Extinguisher, Warning Triangle & First Aid Kit ¹ | ✓ |
| ▪ Lithium-Ion Battery | ✓ |

Detailed specification

Standard content

| | 620R |
|--|------|
| Exterior Features | |
| ▪ Dihedral Doors | ✓ |
| ▪ Soft Close Doors | ✓ |
| ▪ Carbon Fibre front bonnet with nostrils | ✓ |
| ▪ Front Tow Strap ¹ | ✓ |
| ▪ Electrically Folding Heated Door Mirrors (with Dip in Reverse Functionality) | ✓ |
| ▪ Electronic External Door Release Buttons Including Lock Sensor (Both Sides) | ✓ |
| ▪ Lightweight Bulkhead Window | ✓ |
| Exterior Paint - Special | |
| ▪ GT4 Inspired White with McLaren Orange Racing Stripes | ✓ |
| Exterior Styling | |
| ▪ Stealth Exhaust Finisher | ✓ |
| ▪ Gloss Finish Visual Carbon Fibre Front Bumper Lower and Splitter | ✓ |
| ▪ Gloss Finish Visual Carbon Fibre Aero Blades | ✓ |
| ▪ Gloss Finish Visual Carbon Fibre Manually Adjustable Rear Wing | ✓ |
| ▪ Gloss Finish Visual Carbon Fibre Dive Planes | ✓ |

Detailed specification

Standard content

| | 620R |
|--|------|
| Exterior Styling (continued...) | |
| ▪ Dark Palladium Exterior Door Inserts | ✓ |
| ▪ Dark Palladium Extended Side Intakes | ✓ |
| ▪ Dark Palladium Side Skirts | ✓ |
| ▪ Dark Palladium Rear Diffuser | ✓ |
| ▪ Dark Palladium Rear Spoiler and Rear Bumper | ✓ |
| ▪ Dark Palladium Rear Deck and Service Cover | ✓ |
| ▪ Dark Palladium Belt Moulding / Rear Fender Closures | ✓ |
| ▪ Body Colour Roof | ✓ |
| ▪ Body Colour Cantrails | ✓ |
| ▪ Body Colour Door Mirror Casings | ✓ |
| ▪ Body Colour Door Mirror Arms | ✓ |
| ▪ Lightweight Carbon Fibre Plenum Cover | ✓ |
| ▪ Natural Finish Wheel Arches | ✓ |
| ▪ Vehicle Branding / Badges | ✓ |
| ▪ Silver McLaren Badge Set (Front, Rear, Steering Wheel and Wheel Centre Caps) | ✓ |

Detailed specification

Standard content

| | 620R |
|--|------|
| Exterior Lighting | |
| ▪ Full LED Headlights with Darkened Reflectors and 620R Branding | ✓ |
| ▪ Automatic Headlight Levelling | ✓ |
| ▪ Follow Me Home Headlights (Adjustable Time) | ✓ |
| ▪ Automatic Lights (in Conjunction with Rain-Light Sensor) | ✓ |
| ▪ Tourist Feature Enabling Legal Use Overseas | ✓ |
| ▪ Automatic LED Daytime Running Lights | ✓ |
| ▪ Automatic LED Rear Lights | ✓ |
| ▪ Central High Mounted Stop Lamp (CHMSL) | ✓ |
| ▪ Dual Function LED Rear Fog / Reverse Light | ✓ |
| Interior Lighting | |
| ▪ Interior Courtesy Light with Two Buttons | ✓ |
| ▪ Interior Footwell Lighting and Door Lighting | ✓ |

Detailed specification

Standard content

620R

Interior Features

- Super-Lightweight Carbon Fibre Racing Seats – Regular (Adjustable Passenger)
- Manual Adjust Steering Column
- Electrochromatic Dimming Rear View Interior Mirror
- Sun Visors with Driver and Passenger Vanity Mirrors
- Open Door Storage Bins with Red Net
- Face Vents x4
- Model Specific Dedication Plaque on Centre Console with Individual VIN Number
- No Glovebox

- ✓
- ✓
- ✓
- ✓
- ✓
- ✓
- ✓
- ✓

Detailed specification

Standard content

| | 620R |
|--|------|
| Interior Styling | |
| ▪ Full Carbon Black Alcantara® Interior | ✓ |
| ▪ Carbon Black Alcantara® Steering Wheel with Red Alcantara® 12 o'clock Mark | ✓ |
| ▪ Alcantara® Headlining | ✓ |
| ▪ Alcantara® Bulkhead | ✓ |
| ▪ Alcantara® Interior Door Inserts with 620R Branding Cover Plate | ✓ |
| ▪ Satin Chrome Brightwork | ✓ |
| ▪ Black Sparkle Metallic Door Switch Pack Surround and Infotainment Screen Surround | ✓ |
| ▪ Carbon Fibre Interior Components (Steering Wheel Spokes and Extended Gear Shift Paddles) | ✓ |
| ▪ Satin Finish Visual Carbon Fibre Rear Panel Behind Seat | ✓ |
| ▪ Satin Finish Visual Carbon Fibre Raised Tunnel | ✓ |
| ▪ No Sill, Footwell and Floor Carpet | ✓ |
| ▪ Black Seatbelts | ✓ |
| ▪ Red Door Pull Strap | ✓ |
| ▪ Non-contrast stitch | ✓ |

Detailed specification

Standard content

Infotainment

- 7" Portrait Touch Screen Monitor
- On-Board Memory
- USB Connectivity
- AUX in
- No IRIS Navigation
- No Audio System
- McLaren Track Telemetry (MTT) with Lap Time Function

620R

- ✓
- ✓
- ✓
- ✓
- ✓
- ✓
- ✓

Detailed specification

Standard content

| | 620R |
|--|------|
| Electrical Features | |
| ▪ Dual Zone Climate Control (Temp) | ✓ |
| ▪ No Air Conditioning | ✓ |
| ▪ Rain Sensors and Automatic Wipe | ✓ |
| Safety & Security | |
| ▪ Alarm including doors, engine cover, luggage compartments | ✓ |
| ▪ Key including the following functions: Unlock, Lock, Front Luggage Open & Mechanical Key | ✓ |
| ▪ Keyless Entry and Lock | ✓ |
| ▪ Keyless Start | ✓ |
| ▪ Electric Button Entry Door System | ✓ |
| ▪ Tilt Sensors | ✓ |
| ▪ Electronic Immobiliser | ✓ |
| ▪ Passenger Occupant Classification System (OCS) | ✓ |
| ▪ Emergency Fuel Shut-off Feature via Engine ECU | ✓ |
| ▪ Driver & Passenger Airbag | ✓ |
| ▪ Driver & Passenger Side Airbags | ✓ |
| ▪ Driver & Passenger Knee Airbags ¹ | ✓ |

Detailed specification

Standard content

| | 620R |
|--|------|
| MSO Defined Interior | |
| ▪ MSO Defined Harness Bar | ✓ |
| ▪ MSO Defined Satin Finish Visual Carbon Fibre Extended Sill Finishers with McLaren Branding | ✓ |
| Other | |
| ▪ Pure McLaren Track Day ¹ | ✓ |

Detailed specification

Optional content

| | 620R |
|--|------|
| Wheels & Tyres | |
| ▪ Gloss Black Wheel Finish | 0 |
| ▪ Slick Tyres ¹ | 0 |
| ▪ Slick Tyres with 15-Spoke Centre Lock Forged Alloy Wheels ¹ | 0 |
| ▪ Pirelli Sottozero™ Winter Tyres ¹ | 0 |
| Brakes | |
| ▪ Brake Calipers: McLaren Orange with Silver Machined McLaren Logo | 0 |
| ▪ Brake Calipers: Red with Silver Machined McLaren Logo | 0 |
| ▪ Brake Calipers: Yellow with Silver Machined McLaren Logo | 0 |
| ▪ Brake Calipers: Polished with Silver Machined McLaren Logo | 0 |
| ▪ Brake Calipers: Azores with Silver Machined McLaren Logo | 0 |
| ▪ Brake Calipers: Azura Blue with Silver Machined McLaren Logo | 0 |
| Suspension | |
| ▪ Adaptive Damping with Vehicle Lift | 0 |

Detailed specification

Optional content

| | |
|--|------------|
| | 620R |
| Accessories | |
| ▪ Lithium Ion Vehicle Battery Charger | O |
| ▪ Car Cover | O |
| ▪ Fire Extinguisher, Warning Triangle & First Aid Kit ¹ | O |
| | |
| Exterior Paint - Special | |
| ▪ GT4 Inspired McLaren Orange with White Racing Stripes | NCO |
| ▪ GT4 Inspired Onyx Black with McLaren Orange Racing Stripes | NCO |
| | |
| Exterior Paint - Elite | |
| ▪ GTR Inspired White with Silver Details | O |
| ▪ GTR Inspired McLaren Orange with Silver Details | O |
| ▪ GTR Inspired Onyx Black with Silver Details | O |

Detailed specification

Optional content

| | |
|---|------|
| | 620R |
| Exterior Styling | |
| ▪ Gloss Finish Visual Carbon Fibre Wheel Arches | O |
| ▪ Model Designation Delete Option | NCO |
| ▪ Partner Logos | NCO |
| ▪ White Race Number Background Decal | NCO |
| Exterior Packs | |
| ▪ Gloss Finish Visual Carbon Fibre Exterior Upgrade (Extended Side Intakes, Side Skirts, Rear Diffuser, Rear Spoiler and Rear Bumper, Rear Deck, Service Cover and Door Mirror Casings) | O |
| Interior Features | |
| ▪ Carbon Fibre Racing Seats – Regular (Adjustable Passenger) | NCO |
| ▪ Carbon Fibre Racing Seats – Touring (Adjustable Passenger) | NCO |
| ▪ Super-Lightweight Carbon Fibre Racing Seats – Regular (Fixed Passenger) ¹ | NCO |
| ▪ Super-Lightweight Carbon Fibre Racing Seats – Touring (Adjustable Passenger) | NCO |
| ▪ Super-Lightweight Carbon Fibre Racing Seats – Touring (Fixed Passenger) ¹ | NCO |
| ▪ Air Conditioning | NCO |

Detailed specification

Optional content

| | |
|---|------|
| | 620R |
| Interior Styling | |
| ▪ Carbon Fibre Interior Upgrade (Door Switch-Pack Surrounds, Infotainment Screen Surround, Interior Door Inserts) | O |
| Infotainment | |
| ▪ IRIS Navigation | NCO |
| ▪ Bowers & Wilkins 12-Speaker Audio System | O |
| ▪ McLaren Track Telemetry (MTT) with Lap Time Function & Three Cameras ¹ | O |
| Safety & Security | |
| ▪ Vehicle Tracking System | O |
| MSO Defined Exterior | |
| ▪ MSO Defined Titanium SuperSports Exhaust with Nano Black Exhaust Finisher | O |
| ▪ MSO Defined Gloss Finish Visual Carbon Fibre Cantrails ¹ | O |
| ▪ MSO Defined Gloss Finish Visual Carbon Fibre Roof | O |
| ▪ MSO Defined Gloss Finish Visual Carbon Fibre Exterior Door Inserts | O |
| ▪ MSO Defined Gloss Finish Visual Carbon Fibre Front Fender Louvres | O |

Detailed specification

Optional content

| | |
|---|------|
| | 620R |
| MSO Defined Exterior (continued...) | |
| ▪ MSO Defined Painted Ignition Keys (McLaren Orange/MSO Black) | O |
| ▪ MSO Defined Gloss Finish Visual Carbon Fibre Keys | O |
| MSO Defined Interior | |
| ▪ MSO Defined Black 6-Point Harness ¹ | NCO |
| ▪ MSO Defined Red 6-Point Harness ¹ | O |
| ▪ MSO Defined McLaren Orange 6-Point Harness ¹ | O |
| ▪ MSO Defined Blue 6-Point Harness ¹ | O |
| ▪ MSO Defined Satin Finish Visual Carbon Fibre Extended Sill Finishers with 620R Branding | O |
| MSO Packs | |
| ▪ MSO Roof Scoop Upgrade (MSO Defined Gloss Finish Visual Carbon Fibre Roof and Roof Scoop, McLaren Track Telemetry (MTT) with Lap Time Function & Three Cameras) | NCO |

FAQ

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Q: WHAT IS THE DIFFERENCE BETWEEN 620R AND 600LT?

A: This is a road legal version of a race car whereas 600LT is a focussed and high performance road car. There are considerable spec differences which can be found in detail in the Product Guide

Q: AND MSO-X?

A: MSO-X was a Bespoke Commission of 10 vehicles based on a 570

Q: IS VEHICLE LIFT AVAILABLE?

A: Yes but not with Motorsport dampers – only with the Adaptive Dampers

Q: HOW DO SLICK TYRES WORK?

A: The key difference between Slick track tyres vs a Semi-slick road like a Pirelli P Zero Trofeo R is the absence of tread. In wet conditions tread acts to clear water from the surface of a tyre but on a dry track environment like a track it reduces surface area in contact with the asphalt. In a dry track environment a slick tyre will be significantly faster than a road tyre due to the increased contact patch (8% on 620R vs Pirelli P Zero® Trofeo R)

Q. WHAT DO NORMAL, SPORT AND TRACK CONTROL ON THE HANDLING SWITCH WHEN THE CAR IS FITTED WITH MOTORSPORT DAMPERS?

A. The Handling switches fine tune the level of Electronic Stability Control (ESC) intervention in ESC Dynamic mode with Track mode offering more degrees of freedom than Sport and Normal

Q. WHAT ARE CENTRE LOCK WHEELS AND HOW DO THEY WORK?

A. Centre locking wheels replace the traditional 5 bolt wheel fitment system with a single large wheel nut and hub. This means that changing wheels and tyres only requires you to undo a single nut which is particularly useful in motorsports applications

Q. WHAT ARE THE MOTORSPORT ADJUSTABLE DAMPERS AND HOW ARE THEY DIFFERENT TO ADAPTIVE DAMPERS?

A. Manually adjustable dampers allow the user to fine tune the rebound and compression damping of the 620R to a particular track and give the ability to run with different damping rates front to rear and side to side to give more control to the user. A conventional adaptive damper uses an electronic valve to vary the damping but with less control than a Motorsport damper. They are also lightweight, weighing nearly 6kg less than a conventional adaptive damper.

Q. ARE IRON BRAKES AVAILABLE?

A. Iron brakes are not available.

Q. WILL THERE BE A SPIDER VERSION OF 620R?

A. There are no current plans for a future Spider version of the 620R

Q. CAN I RACE MY 620R IN THE FIA GT4 RACING SERIES?

A. No as the car is homologated for the road.

Q. WHICH TRACK EVENTS ALLOW ME TO USE MY 620R?

A. The majority of private track days run by many major circuits will allow the usage of the 620R (some may not allow the use of slicks so please contact the venue). A McLaren Pure day is included in the price and the 620R is permitted at all Owner's track days.

Q. WHY IS 620R HEAVIER THAN 600LT?

A. Because of additional standardised content.

620R