

# CarBook

carbookmagazine.com

MAGAZINE

## The all new Bentley Continental GT

The new standard for luxury Grand Touring



## Dubai International Motor Show

Now in its 14th year

## Ford F-150 Raptor

Ford's street legal baja trophy truck

## Tesla Model X

The SUV with Falcon Wing







BENTLEY



FEW LIFE-CHANGING EXPERIENCES COME WITH  
A CERTIFICATE OF AUTHENTICITY.

- Minimum 12 Months Unlimited Mileage Warranty
- 12 Months Roadside Assistance
- Fully Validated Service History
- Certificate of Authenticity
- Most Exacting Technical Inspections

BENTLEY EMIRATES  
PRE-OWNED

Umm Al Sheif, Sheikh Zayed Road, Dubai, U.A.E., Toll Free: 800-BENTLEY (236 8539).  
Web: [www.preowned.emirates.bentleymotors.com](http://www.preowned.emirates.bentleymotors.com)

\*Terms & Conditions apply. The name 'Bentley' and the 'B' in wings device are registered trademarks. © 2017 Bentley Motors Limited.





**LONGINES®**  


Elegance is an attitude

*Simon Baker*  
Simon Baker



The Longines Master Collection



# CONTENTS



**COVER STORY**

**The all new Bentley Continental GT**  
The new standard for luxury Grand Touring

8



**Feature**

**Tesla Model X**  
The SUV with Falcon Wing

16



**News**

**2017 Dubai International Motor Show**

20



**Road Test**

**2018 Ford F150- Raptor**  
Ford's street legal baja trophy truck

30



**Road Test**

**2018 Toyota Land Cruiser Prado**  
Some much needed TLC for the TLC Prado

36

# Dubai Duty Free



# WORTH FLYING FOR

**SHOP AT DUBAI DUTY FREE**

Over 38,000 sq. metres of spectacular shopping.  
Thousands of limited editions and travel exclusives.  
Hundreds of the world's most desirable brands.  
But only one glorious destination: Dubai Duty Free.



[www.dubaidutyfree.com](http://www.dubaidutyfree.com)



**Full of surprises.**





**Road Test**

**2018 GMC Terrain**  
Completely new outfit head to toe

40



**News**

**Maserati GranTurismo and GranCabrio**  
In the UAE

48



**First Drive**

**2018 Porsche 911 GT3**  
Road racer

52



**Product Feature**

**Jaguar Project 8**  
New project

56

**Publisher**  
Hares Fayad

**Editor in Chief**  
Myles Mellor

**Contributing Writers**  
Andrew Ling  
Benjamin Yong  
Sonia Akraa

**Editor**  
Alex B. G.

**Sub-Editor**  
Boutros C. Michael

**Art Director**  
Ahmad Yazbek

**Photographers**  
Andrew Ling  
Benjamin Yong  
Sami Abed



[www.carbookmagazine.com](http://www.carbookmagazine.com)

**Offices**

(U.A.E.), Dubai  
Jumeirah Lakes Towers,  
JBC 2  
P.O. Box: 50324  
T.: +971 4 457 2348  
F.: +971 4 457 2126

**For Inquiries  
Editorials, Advertisements**

M.: +971 55 302 5550  
+971 50 653 4050,  
hares@carbookmagazine.com

info@carbookmagazine.com

**Lebanon, Beirut**

P.O. Box 90 -1096  
T. +961 1 513 121  
F. +961 1 513 141

Publication of Al Badia

**Agents Distribution**

Lebanon: Al Nasheron Distribution Co. +9611277007 | UAE: Dar Al Hikma, +97142665394 | Bahrain: Al Hilal Corporation, +97317480800 | Jeddah: Alkhazindar Co. +96626838025 | Muscat: United Agency for the media, +96892113295  
Qatar: Arabian Establishment for Commerce, +9745518898 | London: General Co. for the distribution, +447818088777 | Jordan: Jordan Distribution Agency Co. +96265358855 | Kuwait: United Distribution Co. +9652412820 | Cairo: Today News Corporation, +20225782700  
Lebanon: 5,000 LL - UAE: 20 AED - KSA: 20 SAR - Kuwait: 1.25 KD - Oman: 1.5 OMR - Qatar: 1.5 QAR - Jordan: 3 JOD - Bahrain: 1.5 BHD - Egypt: 10 EGP - Morocco: 15 MAD - UK: 4 GBP - France: 4 EUR - Germany: 4 EUR



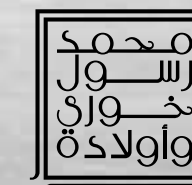
**ROLEX**

THE YACHT-MASTER

The emblematic nautical watch embodies a yachting heritage that stretches back to the 1950s. It doesn't just tell time. It tells history.



OYSTER PERPETUAL YACHT-MASTER 40



**MOHAMMED RASOOL  
KHOORY & SONS**  
ABU DHABI & AL AIN - MRKHOORY.COM



# The all new Bentley Continental GT

## The new standard for luxury Grand Touring



There's no question that ever since the Bentley Continental GT first made its debut in 2003, it has been the favourite vehicle of celebrity superstar athletes, millionaires, billionaires, and rappers. The Continental GT has long been regarded as the car that transitioned the old stodgy Bentley image to what it is today. Not coincidentally, it was also the first car released by Bentley, back in 2003, after the boys in Crewe, England, were acquired by Volkswagen AG in 1998. One of Volkswagen's first tasks was to modernize the

old factory, and therefore the original Bentley Continental GT was the first ever Bentley to employ "mass production" manufacturing techniques. Amazingly, the first generation Continental GT was so popular that after it was unveiled in 2003 at the Geneva Motor Show, its production cycle lasted a full 8 years! **They say third times is the charm, don't they?** With the full details recently announced in Crewe, Bentley says that the new third-generation Continental

GT is the best yet, combining spirited, focused performance, with handcrafted luxury and cutting-edge technology. Once again designed, engineered, and handcrafted in Britain, Bentley's engineers set out to create the finest Grand Tourer ever produced. And Bentley should be the veritable experts in this field, having been at the forefront of luxury Grand Touring for nearly a century. The end result is a bold re-imagining of the original Continental GT, but based on a bold new vision. At first glance, one can see that the new car has been







heavily inspired by the critically acclaimed EXP 10 Speed 6 concept car. While still retaining the classic elegance of the first Conti, the form of the new car is much more sculptural and sharply defined. But more on that later.

#### What's new under the bonnet?

First and foremost, under the bonnet of the 2019 Continental GT beats a W12 heart that has been newly enhanced. This latest iteration of Bentley's renowned 6.0-litre twin-turbocharged 12-cylinder direct injection engine now generates 626 bhp, and 664 lb-ft (900Nm) of torque.

The engine also sits further back in the chassis, improving weight distribution in order to better the car's dynamic performance.

For the first time, this engine is now mated to a dual-clutch eight-speed cog swapper, for more efficient, but more importantly, much faster gear changes.

A new active all-wheel-drive system replaces the traditional 40/60 power delivery split between the front and rear wheels respectively. The new system favours

rear-wheel-drive as much as possible for optimum efficiency and dynamic performance. Based on the road conditions and driver's behaviour, the system will send drive power to the front axle as required. This greatly reduces the tendency to understeer, a characteristic from the fixed ratio all-wheel-drive system.

#### Super Formed into a dynamic new shape

While the exterior design of the third generation Continental GT is based on an unmistakably Bentley shape, the all-new body and new materials have resulted in over 80 kg of weight savings versus the outgoing







Continental W12 body. And yet it is much stronger. The new muscular exterior design, resulting in the lightweight, yet stiff all-aluminium body, has been crafted using “Super Formed” technology. Super Formed is a precision technique working with aluminium heated to 500 degrees Celsius. This method allows for much more complex and sharply defined body lines on the aluminium skin.

In fact, the Continental GT is the first production car ever to have the entire body side made from the Super Formed process. Previous applications have only been limited to the fenders.

#### Technology galore

In order to compliment the advanced new body, a 48-volt Dynamic Ride System has been fitted to create the car's new and technically advanced adaptive chassis. Freed from the capacity limitations of 12-volts, the new system controls ride comfort and lateral roll,

ensuring in a far more responsive ride, exceptional handling, and refinement in all road conditions. Passengers are cushioned from excessive movements, and drivers are treated to even more precision.

But the high tech applications go beyond the ride dampening system of course. For example, the lighting on this latest Continental GT uses the latest in LED Matrix headlamp technology. Finely cut crystal glasses have inspired the headlamp design itself. The internal surfaces are transparent, and the sharply defined edges catch the light like a diamond.

The end result is a unique welcome sequence as one approaches the car. It is almost as if a gem is being illuminated within the headlights as you get drawn in closer to the vehicle.

Out back, the rear of the car is not only a radical styling departure, but the tail lamps are now ellipses, reflecting the silhouette of the exhaust pipes below. As

with the headlamps, the tails also feature the cut-crystal three-dimensional effect.

#### The interior of hidden delights

First and foremost, in order to take Grand Touring to the ultimate in luxury, laminated acoustic glass is used for the windshield as well as the side windows. This has resulted in a massive 9 dB reduction in exterior noise intrusion versus the outgoing model.

Importantly, there is not one, but indeed three choices of interior sound systems to choose from now.

The standard system features 10 speakers putting out 650 watts. Nothing to sneer at by any standards. But Bentley's new Bang & Olufsen system, supposedly aimed “lifestyle-orientated customers” whatever that means, puts out an impressive 1,500 watts through 16-speakers.

If the Bang & Olufsen system, with its illuminated speaker grilles, isn't enough wallop, a 2,200 watt Naim





18-speaker system with Active Bass Transducers built into the front seats is offered for the true audiophile. Behind the wheel, the Continental GT features the company's first "Bentley Rotating Display". When the engine start button is pressed, what initially appears to be a space with no screen in the centre of the dash, transforms silently to reveal Bentley's largest-ever touchscreen. At a massive 12.3 inches, this configurable screen is a huge step up from its predecessor. What is unique about the Rotating Display is that there is a third side to the centre display. Press a switch, and the touchscreen rotates away to reveal three elegant analogue dials displaying outside temperature, a compass, and a chronometer.

It is a clever, but yet tasteful nod to Bentley's past and also the future, offering customers the choice of digital or analogue displays in the Continental GT's clean and calm cabin.

#### Final Thoughts

The third-generation Bentley Continental GT coupé certainly lives up to its reputation as the quintessential grand tourer – phenomenally powerful, beautifully designed and exquisitely crafted.

With a new 6.0 litre, twin-turbocharged W12 engine, a step-change in technology and a truly stunning design language, the new Continental GT appears to be the new standard to beat in its class.





# Tesla Model X

## The SUV with Falcon Wing



When upstart car company — sorry, energy company as Elon Musk has pointed out on more than one occasion — Tesla released its Roadster sports car, a few eyebrows were raised. Then when the Model S came out, a few more people started to take notice as the electric sedan was seen motoring silently on city streets increasingly often. Now with the arrival of the Model X SUV, and the impending release of the entry-level Model 3, one can say they've truly arrived. CarBook takes a closer look at this game-changing vehicle. Let's start with its appearance. As technologically advanced and feature packed as the fuel-free crossover

is, the thing that initially garnered the most attention, and continues to do so, is the Falcon Wing doors. Tesla would like to remind you that they are not gullwing doors or butterfly doors or doors of any other winged creature, and the main differentiating point is that the units on the Model X possess an extra hinge at the top for extra articulation. Their performance was presented in a clever way at the world premiere, where an Audi and a Honda pulled up and flanked the X, leaving little room on either side. Oohs and ahhs could be heard loudly from the crowd when the doors opened first upwards, then out avoid-

ing all contact. In fact, only a foot or so of room is required for clearance, and there are embedded sensors to stop the action in place if an obstruction is detected along its path of movement, including overhead. The Falcon Wings in motion are truly a work of art. Practical, too, as they allow ingress and egress from both the front and back, without the need to duck, and give plenty of room for accessing the second and third rows. If you peruse the Internet, there are already rumblings of reliability issues, not entirely surprising considering the complexity of design, and time will tell how well they age.







Moving onto the rest of the exterior, there are the same swooping lines found on the Model S, an identical mustache “grille,” as the post-facelift model and a similar rear fascia. The silky smooth body serves more than just an aesthetic purpose — Tesla claims they’ve created the most aerodynamic SUV in production boasting a drag coefficient 20 per cent lower than the next best competitor. Another bragging point is having the largest all-glass panoramic windshield on the market, which admittedly does afford a spectacular view of what’s ahead and overhead not normally experienced elsewhere.

Fortunately, the wow factor isn’t all on the outside. The interior is actually quite amazing because while the crossover doesn’t look particularly big, six or seven seat configuration is available (normally five). The cargo area holds up to 2,500 litres of stuff, and there’s even a storage area at the front thanks to the engine-less setup. The centerpiece of the cabin, of course, is the beautiful vertically-mounted 17-inch capacitive touchscreen display. Acting as the command centre, the tablet controls all media, communication, climate and vehicle settings via taps, swipes, pinches and zooms much like most

modern mobile smart devices. The screen is bright, quick to respond and looks plain cool. All Teslas include full self-driving capability, worlds ahead of almost any mainstream offering. Utilizing



eight mounted cameras with 250 metres of range, twelve ultrasonic sensors and forward-facing radar feeding information about the surrounding world. As a result, the Model X can take you to a spoken destina-

tion — or one marked on your calendar — and match traffic speeds, change lanes, exit the highway and park, along the way, all autonomously. Drivers may even summon their parked car at the touch of a button. Customers are able to choose from three different trims: the 75D bundling a 75-kilowatt-hour battery (the D is for dual motor), the 100D using a 100-kilowatt-hour battery or the P100D also packing the same capacity but mated to a more powerful motor

that rockets occupants from 0 to 100 km/h in 3.1 (!) seconds. The sudden rush of speed is exhilarating yet strange at the same time due to the lack of noise normally associated with such raw acceleration. The Model X is not lightweight, tipping the scales at nearly 2,500 kilograms, however clever placement of the batteries means handling is better than expected and body roll is kept to a minimum during cornering. Electric all-wheel drive is standard, as is a Smart Air

Suspension system to raise or lower ride height. A maximum range of 475 kilometres is advertised, although the number is subject to fluctuation depending on user habits and environment.

Potential gasoline converts seeking either a smaller or cheaper alternative stay tuned: Tesla is expected to follow up the Model 3 with a compact Model Y crossover.





# 2017 Dubai International Motor Show



Now in its 14th year, The Dubai International Motor Show is the largest international automotive event across the Middle East and North Africa.

The Middle East's love affair with the automobile continues to inspire confidence, with regional sales per capita expected to outstrip market performance in other areas of the world.

With the UAE home to the region's highest number of luxury cars per capita, a recent study of the global luxury car market by ReportBuyer - an online resource which aggregates market research by the world's leading publishers - predicted that sales of luxury cars in the Middle East would grow at an annual rate of between

4-5 per cent over the next few years.

Over the years, the Dubai International Motor Show has brought together global manufacturers, distributors, industry specialists, key-buyers and an army of passionate motoring enthusiasts to enjoy exclusive car launches, interactive demonstrations and exciting features.

This year's Dubai International Motor Show, the 14th in the biennial event's history, has attracted more than 150 automotive manufacturers from every corner of the world. With established automotive giants going bumper-to-bumper with sleek upstarts at the five-day Dubai show, launches and unveilings of new models

are expected to surpass the 18 global and 139 regional launches seen at the previous event in 2015.

This year's show will feature dedicated pavilions featuring super cars and custom bikes, as well as specialist zones for tuning and customisation. Alfa Romeo, Aston Martin, Audi, Bentley, BMW, Brabus, Ferrari, Lamborghini, Lincoln, Maserati, McLaren, Mercedes-Benz, Mini Cooper, Porsche, Rolls-Royce and Toyota are just some of the name brands that will be represented at the show. Needless to say, there will be plenty to see whatever type of car enthusiast you are, or budget you have.

## By the Numbers:

# 550+



Cars and bikes on show

# 15+



Supercar brands

# 108,000+



expected visitors from more than 70 Countries

# 100+

Global and regional car premiers

# 10+

Mind-blowing concept cars

# Over 85,000 M2

of exhibition space featuring more than 100 of the world's best manufacturers







### Location

The 2017 Dubai International Motor Show is being held at Dubai World Trade Centre (DWTC). The Dubai World Trade Centre is centrally located within the business hub of Dubai amidst the city's iconic landmarks.

Dubai offers traditional Arabic hospitality coupled with a world-class service industry, while an excellent infrastructure facilitates easy transport around the city.

### What can I expect?

Among the eye-catching reveals, UAE-based supercar manufacturer Devel will unveil a production version of the Devel Sixteen, four years after the 5,000-horsepower prototype debuted at the 12th Dubai International Motor Show.

Inspired by the world's fastest airplane, the Icona Vulcano Titanium is the world's first titanium supercar and will also make an appearance at this year's Dubai International Motor Show.

Built from the same material as the SR-71 Blackbird spy plane, the Vulcano features a naked titanium body,

revealing its 10,000 hours of hand-crafted work in the most pure form. It's a work of art that needs to be seen in the flesh to be truly admired.

On a more conventional note, amongst many other many reveals, Land Rover will also be showcasing

its all-new 2018 Range Rover Sport. Appearing for the first time in the Middle East, the 2018 Range Rover Sport has an enhanced design and features new technology. The flagship Range Rover SVR now delivers 575PS, making it the fastest Range



# TUDOR NORTH FLAG

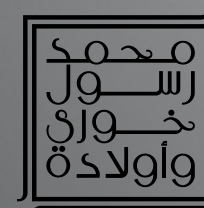
STEEL CASE  
DIAMETER 40 MM  
WATERPROOF TO 100 M (330 FT)  
IN-HOUSE MOVEMENT



An instrument with a 'scientific' design. The hybrid steel-ceramic exterior of the TUDOR North Flag was created in order to express the high level of technology and reliability of its movement.

TUDOR in-house movement MT5621. Offering a 70-hour power reserve and regulated by a variable inertia oscillator with silicon balance spring, it is certified by the Swiss Official Chronometer Testing Institute (COSC).

#TUDORWATCH  
TUDORWATCH.COM



MOHAMMED RASOOL  
KHOORY & SONS  
ABU DHABI & AL AIN - MRKHOORY.COM



TUDOR



Rover to date. This is an SUV driven to another level of dynamic capability, with breadth of appeal and desirability like no other.

#### Multiple interactive attractions

This year's Dubai International Motor Show includes a specialised section for Motorbikes, which will house a mammoth TT Custom Choppers stand. Other

sections include Tuning and Accessories, as well as Luxury Lifestyle. Finally, the likes of Prato and Rimal will be making a noise in the dedicated Supercar Zone.

Other special features at the show include the Future Car Tech Zone, featuring Ignition Live in association with Motoring Middle East. This is a dedicated stage

where global automotive leaders will deliver insights into technologies shaping the industry, host seminars on off-roading and offer tips on how to be a car star on social media.

With manufacturers including Toyota, Jaguar Land Rover and Nissan due to stage interactive, brand-themed outdoor experiences for visitors, the 'Touch





the Truck' competition in association with Wheels magazine, will challenge visitors to keep their hands on a truck while being distracted, with the last person with their hands on the truck winning the vehicle outright.

**Family fun**

Get all the family together and head into the Race Room!

There's a racing simulator challenge for children under-16, with a daily prize of a voucher for the indoor karting track at Dubai Autodrome - the show feature

partner. Adults (over-16s) can get revved up for their own simulator challenge, with those recording the fastest 10 times during the five-day show invited to the autodrome for a sprint race experience on the karting track. The driver who records the fastest time will get a McLaren sprint experience / passenger ride on the Dubai Autodrome track.

And last but not least, Motor Show visitors will also be treated to an exclusive sneak preview of the LEGOLAND® Dubai Driving School. This is a real

life driving experience for children aged 6-13, that also teaches them about road safety.

Kids will get the chance to drive the Lego cars, pass the test and enter the draw to win tickets to LEGOLAND® Dubai where they can discover the real Driving School and Junior Driving School at LEGO® City and get their official LEGOLAND® Driving License.

**Aftermarket Tuner demonstrations**

The Dubai International Motor Show is bringing the heavyweights of the tuning and customization industry,



95%

HEAT REJECTION



Freeze the Heat

EVERY DAY IS WINTER

The World's No. 1 Automotive Window Film

99.9% UV Rejection | Lifetime Warranty

Inspired by HRSI Space Technology | Approved by Skin Cancer Foundation

All Shades from 0% to 100% Available | Free Door Edges Protection

Eastman - LLumar® is the World's Largest Window Film Manufacturer

LLumar® will keep the heat out with iFreeze revolutionary window films.



To book an appointment call:

600 56 56 58

www.automillennium.com

Exclusive Distributor

**AUTOMILLENNIUM**  
GROUP





the aptly named GForce Performance team. They will be showcasing a live display of on-site body, engine and paint customization. Some more features includes:

- Engine software tuning live demo with display on screen
- Additional supercharger installation on a separate engine
- Tech staff to interact with crowds, explain the tuning process and products

#### Watch Lounge First Edition

Also, at the 2017 Dubai International Motor Show, this fine watchmaking lounge aims to highlight the synergies that exist between the world of watchmaking,

motor vehicles and motor sports. In the first of its kind in the region, The Watch Lounge features renowned international watch brands such as Chopard, Montblanc, and TAG Heuer to name a few. At the Watch Lounge, visitors will have the opportunity to get up close and personal with newest launches, one of pieces, and rarities that are seldom displayed. The Middle East Watch and Jewellery of the Year awards will be held on the second evening in the Watch Lounge. The awards recognizes achievements of various brands across different categories and are judged by a distinguished panel of 16 experts, with an aim to establish industry standards across the

Middle East and raise awareness of watch culture and Horological craftsmanship.

#### Dates and Times

The 2017 Dubai International Motor Show is open from 6pm to 10pm on Tuesday, 14 November; 11am to 10pm on 15 November; 11am to 11pm on 16 November and 17 November; and from 11am to 10pm on 18 November.

With online day tickets available from only AED50, on-site tickets start from AED 65 for single-day entry or AED 100 for a two-day ticket, with children under 12 entering free. For more information visit the show's website at: [www.dubaimotorshow.com](http://www.dubaimotorshow.com)





# 2018 Ford F150- Raptor

Ford's street legal baja trophy truck



Ford is no stranger to creating high performance trucks. In 1993, they stunned the world by creating the Ford SVT Lightning, their first high-performance variant of the F-150 produced by the Ford Special Vehicle Team (SVT).

Originally intended as a competitor for the Chevy 454SS, the SVT Lightning featured extensive modifications to the suspension and frame of a standard F-150 platform in order to improve the handling.

The model was such a success that in 1999, Ford created the second generation SVT Lightning, once again based on the F-150. The F-150 at that point had tran-

sitioned to a newer platform. But as before, the SVT team upgraded the suspension extensively and this time also added a supercharger to the standard 5.4L V8 engine. The result was 360-380 hp. The model was so successful that it had a five year lifespan.

Building on this success and listening to its fans, in 2010 Ford introduced its second high-performance truck, the SVT Raptor. The SVT Raptor arrived in a flurry of shock and awe as it was a no-holds-barred beast with more rough-and-tumble from the factory than any other pickup truck released until that point. However this time, the intention was to create not

a "muscle truck", but in-fact a street legal version of Ford's 1000 Baja truck, with modifications designed to improve its on-road performance. Ford wanted it to be the most capable off-road mass-produced vehicle available, featuring a model-exclusive Fox dual-shock suspension with long travel springs and shocks.

## 2nd generation Raptor

Brand new for the 2017 model year, Ford re-introduced the Raptor, this time dropping the SVT prefix, based on the latest generation aluminium-body F-150 pick-up truck.

In a major change, the powertrain is now a re-engi-







neered 3.5L twin-turbo EcoBoost V6 paired with an all-new 10 speed automatic transmission. Ford's premiere off-roading truck is also hardcore enough to be able to take on the Baja 1000 desert race without any modifications.

#### What's new?

Gone is the loss of the massive 6.2-litre V8 engine. But Raptor fans need not be concerned because the smaller 3.5-litre turbocharged V6 puts out a hefty 450 hp and 510 lbs-ft (691 Nm) of torque. This new engine's numbers handily beats the old power plant's 411 hp and 434 lbs ft (588 Nm) of torque.

Not only that but thanks to the new aluminium body, weight is also down roughly 500 pounds off the truck. More horsepower, more torque, less weight, and less fuel consumption. This has got to be the textbook definition of a win-win situation!

As they say, the proof is in the pudding. In order to prove its off-road worthiness, Ford entered the Raptor into the 2016 Baja 1000 where it finished on the podium after 1,000 gruelling Mexican miles, almost

all of which were on dirt, mud, and gravel. With this second-generation Raptor's increase in wheel travel, now at 13 inches up front and 13.9 inches out back, the Raptor is literally a factory ready Baja pre-runner. Oh yeah, and the Ford team drove the Raptor back home to Arizona the next day after the race. Not on a trailer but on the public roads. Yeah, you read that right.

The truth is, most Raptors will likely spend 90 per cent of their lives on the asphalt. Back roads, city streets, and highways will be where most Raptor buyers will be driving their trucks. Despite being the market's most extreme new off-roader, Raptors will also be used as daily-drivers, tow rigs, and work trucks.

Sure, there are six new drive modes and a new transfer case with a selectable full-time four wheel drive mode, but the Raptor also does well as a normal truck. Here's why.

#### How does it drive?

Let's jump right into those six drive modes. There is almost a mode for every terrain!

Obviously, there is **Normal** mode. But if you're approaching well-paved ribbons of twisty tarmac, **Sport** will firm up the steering and suspension while the Raptor increases throttle response, starts shifting quicker and holds the gears longer to give you full power. **Weather** mode is suitable for wet conditions. Snow/wet mode puts the drivetrain into 4WD Auto, and throttle response and transmission shift points are re-configured to be more gentle so as to avoid the vehicle from breaking traction.

Finally, there are three off-road modes. **Mud/Sand** does what you think it does. 4WD High is engaged and the electronic locking differential is, well, locked. AdvanceTrac traction and stability control is re-tuned to keep you going above group, and the power steering is to give maximum assistance for ease of control.

**Rock Crawl** automatically shifts the Raptor into 4WD Low range while adjusting the throttle and transmission response to be more delicate. AdvanceTrac is set to the least intrusive settings so that you will get through whatever obstacles are ahead of you. In order to see said







obstacles, the high-resolution front camera is switched on so that at speeds up to 24 km/hr, you can literally see what's right in front of you via the infotainment system's screen.

Finally, **Baja** mode. Well, you can probably figure out what that does from what I've written above in the previous section!

Like most modern pick-up trucks, the first thing that will strike you about the Raptor is its size. But this truck takes it a next step up due to its 6.5 foot height and over 7 feet of width. Driving through tight city streets is a bit of an ordeal (thank goodness for the 360 degree surround view camera system), and forget about parking garages as you will likely not clear the minimum clearance heights.

Out on the highway, the Raptor's height becomes a blessing as the high up driving position allows you to see ahead of the crowd. As bad as this may sound, the Raptor's size is also a helpful tool in intimidating people who doddle along at below the speed limit in the passing lane. Not saying that I did that, but you

know...

Like other higher-end F-150 trims, spending long period of time inside the Raptor is extremely comfortable. There are oodles of space and all sorts of luxury amenities that you can expect.

Apple CarPlay and Android Auto? Check. Ventilated/heated front seats and multiple USB ports? Check. Whether or not you're commuting to work, taking a road trip with your buddies, or towing a trailer, the suspension is surprisingly perfectly compliant, as are the BFGoodrich All-Terrain KO2s tires that were specifically designed for the Raptor. Yes, the KO2s will be easy to overwhelm in 2WD mode, especially with nothing in the pickup truck bed, so keep it in 4WD auto mode. Still, even the exhaust, which growls menacingly at full throttle, doesn't drone at highway speeds. The fantastic 3.5 litre twin-turbo Ecoboost V6 allows you to speed away from 0 to 100 km/hr faster than a late-model Porsche Cayman sports car whilst the 10 speed transmission, complete with steering wheel mounted paddle shifters, keeps the engine just a few

ticks above idle while at highway cruising speeds.

Admittedly, it is a little bit lazy to downshift/upshift, so don't expect dual-clutch transmission shifting performance, despite the sporty looking flappy paddles.

In other words, the Raptor is a blast to drive, even if you never leave the beaten path.

### Final thoughts

With its huge Fox Racing shocks, bead-lock wheels, specially designed BFGoodrich tires, you'd expect the Raptor to be comfortable climbing sand dunes all day but be foreign on paved streets.

Thankfully, this is furthest from reality as can be because Ford recognized that going to the extra mile was important. They also made the Raptor like that of its other F-150 siblings. In other words, the Raptor was also designed to provide comfortable, quiet, and quick transportation in day-to-day city driving as well.

If you're lucky enough to pick up a new Raptor, don't be afraid of driving it daily. But just try Baja mode on the trails once in a while, ok?



## THE PAJERO CONTINUES TO RULE!

The legendary Mitsubishi Pajero has over the decades changed the face of off-road motoring. It has turned inhospitable parts of the earth into a lap of luxury. An embodiment of superior technology, build and style, the Mitsubishi Pajero continues its quest to reach new pinnacles with every passing day. That's why, when you take command of a Pajero you are bound to rule the world that's off the limits.

• 3.8L V6 MIVEC ENGINE ECI-MULTI • INVECS-II 5-SPEED AUTOMATIC TRANSMISSION WITH SPORT MODE

SMS MAK11 TO 4881 FOR MORE INFO



# 2018 Toyota Land Cruiser Prado

Some much needed TLC for the TLC Prado



It's about time that Toyota showed some tender loving care to the Toyota Land Cruiser Prado.

The fourth generation Prado has been in production since 2009 and has just been facelifted for the first time in eight years. This new update brings the latest in Toyota safety technology, new interior upgrades, as well as mildly updated styling.

Introduced at the 2017 Frankfurt Auto Show with the revised model expected out in November, the improved Land Cruiser Prado will be distinguished by more modern and robust exterior styling as well as a higher quality interior design.

## A little nick and tuck

Knowing that Prado owners actually take their vehicles off-roading, on the outside, the bonnet and fenders have been sculpted to enhance downward visibility for the driver. The new bumpers have also been styled to kick up towards the edges for improved approach and departure angles.

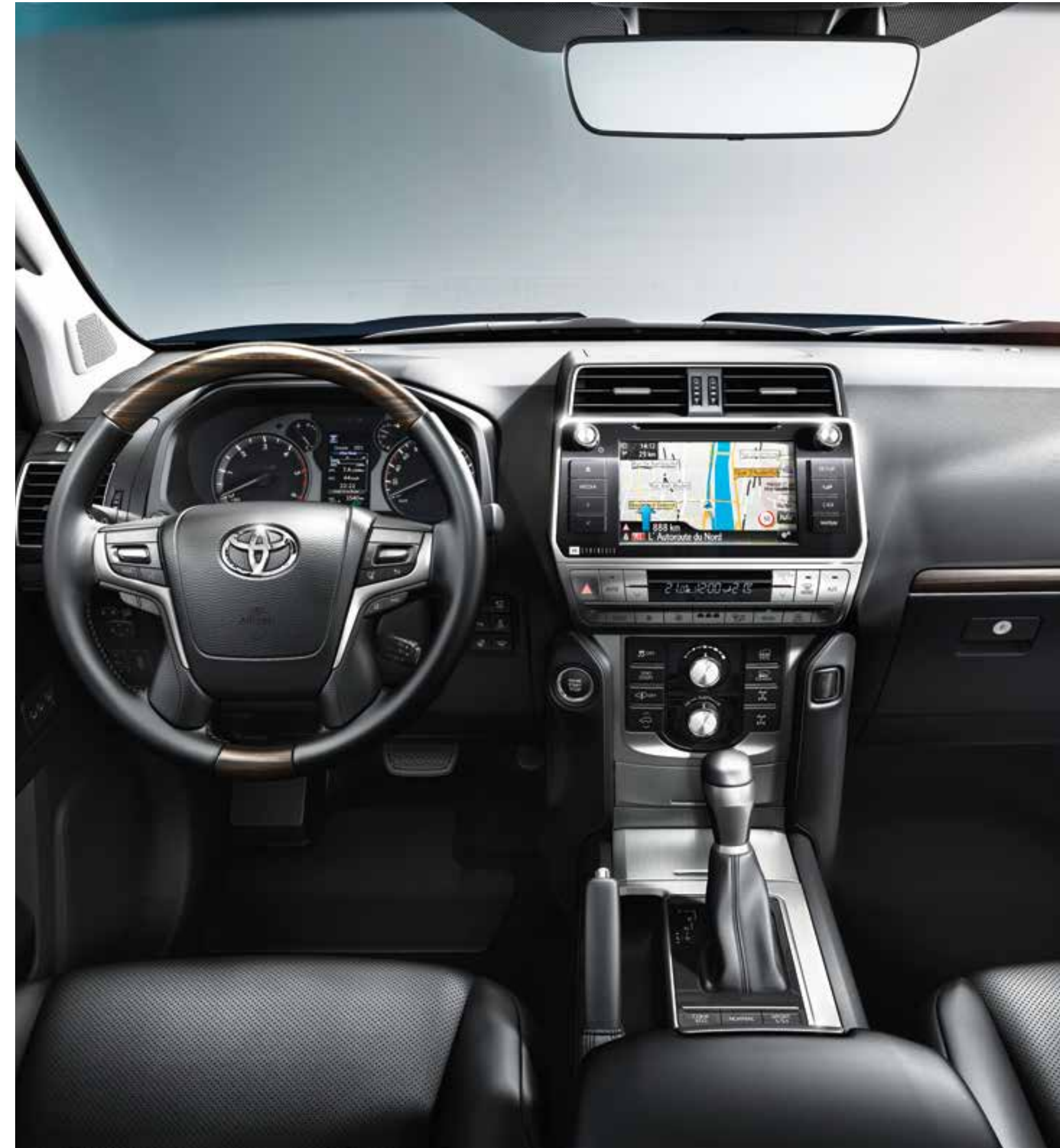
The new squared-off face benefits from LED daytime running lights and even the headlamps have been restyled with main beams positioned inboard to avoid

damage from obstacles during off-road driving. A revised grille with broad vertical bars is perhaps the most obvious exterior clue that separates the newest Prado with its predecessors.

As with before, the Toyota-branded counterpart of the Lexus GX is fitted with a permanent four-wheel-drive system with an electronic rear differential lock and a torque-sensing limited-slip centre differential.



Top-spec Limited trim Prados are fitted with Crawl Control and the Kinetic Dynamic Suspension system (KDSS). Prado Limiteds also come with a handy Multi-Terrain Monitor with four cameras to help the driver to position the vehicle better when the going gets tough. The engines are strictly carryovers powerplants. Three and Five door Prados are available with the 2.7-litre 4-cylinder engine producing 164 hp and







25 Kg-M of torque. Five door Prados are also available with the aforementioned 4-cylinder engine, or a 4.0-litre V6 producing 271 hp and 38.9 Kg-M of torque. Both engines are paired with a six-speed automatic transmission.

#### Big improvements inside

The big news with the 2018 Land Cruiser Prado has to do with the substantially more upscale interior. Toyota has updated the dashboard, the instrument cluster, as well as the switchgear. While the changes are mostly cosmetic, such as the revised centre console with a now flush-fitting air-conditioning control panel, it does bring the Prado up to the latest quality standards expected from active vehicle shoppers.

#### New Safety Technology

On the safety front, the Prado has finally been fitted with Toyota Safety Sense P, the company's enhanced active safety technologies. Designed to help prevent

accidents or mitigate their consequences, the technologies include a Pre-Collision Safety system that can now detect impact risks with pedestrians as well as vehicles. Relying on a camera mounted behind the rear-view mirror and a radar in the grille, these devices enable the Prado to operate its brakes autonomously to reduce the vehicle's speed and even bring the car to a halt. A smart active cruise control system can also slow the car to a standstill if necessary.

Every Prado is now equipped with a Lane Departure Alert system that monitors lane markings and helps prevent accidents and head-on collisions caused by a vehicle leaving its lane. If the vehicle starts to deviate from its lane without the indicators being used, the system alerts the driver with visual and audible warnings. There are also automatic high beams, which can detect the headlights or taillights of vehicles ahead and automatically switch between high and low beams to avoid

dazzling other drivers.

At the start of the range the GXR (three-door) and EXR (five-door) models include multiple airbags to protect you in the event of a collision. There is also a range of other active safety features to help you avoid any trouble, including traction control and Vehicle Stability Control (VSC). Rear parking sensors aid you when backing the large vehicle in the tightest of spaces and on higher specification models you will find a rear view camera. On-board technology at the top of the five-door range (VXR and Limited) now also includes rear seat entertainment and floor illumination.

#### Final Thoughts

With these subtle updates, the 2018 Land Cruiser Prado inches slowly but surely towards modernity. Wearing the legendary "Land Cruiser" name badge, the Prado will likely soldier on reliably from Aruba to Zimbabwe, for yet another eight years.

**LUKOIL**  
LUBRICANTS

## A COMPLETE RANGE OF AUTOMOTIVE LUBRICANTS FOR ALL YOUR FLEET REQUIREMENTS

PASSENGER CAR ENGINE OILS • COMMERCIAL VEHICLE ENGINE OILS  
TRANSMISSION OILS • BRAKE FLUIDS • COOLANTS • GREASES



With a global presence in more than 125 countries, LUKOIL is among the world's top ten lubricant manufacturers.

Designed for a variety of operating conditions across passenger vehicles, commercial vehicles and industrial applications, our range of LUKOIL lubricants exceed international standards across multiple parameters. It's no wonder they are the preferred choice of most OEMs.

Switch to LUKOIL. Because your engine deserves nothing less.

[www.lukoil-lubricants.com](http://www.lukoil-lubricants.com)

For more information, contact:  
**Al Habtoor Motors**  
Mobile: +971 56 415 8497  
E-mail: [neelakantanra@habtoormotors.com](mailto:neelakantanra@habtoormotors.com)  
[www.habtoormotors.com](http://www.habtoormotors.com)



**AL HABTOOR MOTORS**  
TIRES | BATTERIES | LUBRICANTS



# 2018 GMC Terrain

Completely new outfit head to toe



Embodying what GMC calls the next chapter of design, its Terrain compact SUV is almost unrecognizable as it enters 2018 wearing a completely new outfit head to toe. The shapely 2018 model looks more aerodynamic than ever before and is packing a trio of fresh powertrains under the hood.

At a recent press presentation in Quebec, GMC brand manager and self-proclaimed "Terrain-aholic" Mark Alger explained the key changes as the crossover enters generation two.

"How is the 2017 Terrain different from the '18? One word: everything. Bumper to bumper, rubber to roof there is no common piece of aluminum or metal or computer chip," said Alger.

There is no denying it — the vehicle looks good. It's made a few passes through the wind tunnel while being crafted, which is why lines on the car are so smooth and sculpted. The head and tail lamps have been given unique "C" shape housings, each containing LED lighting elements.

Sold in three trim levels starting at SLE and topping out on the Denali, the latter features signature styling elements such as the slatted satin chrome grille, body colour painted vs. blacked out exterior trim pieces and chroming on the roof rails, door handles, side mirrors and moulding. LED headlamps and 19-inch alloy wheels are also standard.

The interior is nice regardless of the grade level, with

plenty of aluminum and soft-touch plastics used throughout. Stepping up to Denali, however, adds a heated steering wheel, navigation, Bose stereo system and a hands-free power liftgate. The front and rear seats now fold flat increasing the Terrain's versatility so occupants may load up larger gear for a move or lie down and take a load off on a camping trip.

As mentioned, three new engines are available, all turbocharged: two are conventional gasoline, a 1.5 and a 2.0-litre, and the other a 1.6 diesel. The pair of gas vehicles were on hand at the press launch for test drives and my immediate impression was that four cylinders have come a long way from the days when they were only found in underpowered economy compacts.







The 1.5 makes 170 horsepower and 275 Nm of torque, more than enough to propel the crossover in a healthy manner. The extra 82 horsepower and 78 Nm of the 2.0-litre is definitely noticeable though, especially climbing hills and is the one those with potentially something to tow will want to choose, since it has a 3,500-pound maximum trailering capacity. Both are mated to smooth-shifting Hydra-Matic nine-speed transmissions.

Front-wheel drive is offered on the base 1.5 or 1.6 diesel SLE, yielding fuel consumption numbers of approximately 8.6 and 7.4 L/100 km, respectively, in combined city and highway driving. All-wheel drive owners worry not, selectable axle-disconnect means AWD variants can essentially mimic FWD when the extra grip is not needed, achieving an estimated combined 10.2 L/100 km. The mode is activated via a twist of the Traction Select knob located behind the centre cup holders.

Like all other GM products, the Terrain is technology-forward. When the Rear Seat Reminder is turned on, drivers are reminded to check the back bench prior to exiting the cabin. Teen Driver gives parents peace of mind allowing limits to be set on certain vehicle

functions and generates a report card providing detailed statistics of how their kids performed behind the wheel. The active safety tech portfolio has been

expanded as well and include a 360-degree camera, low-speed emergency braking, and lane keep assist and departure warning.



# mavi





# MINI Clubman John Cooper Works ALL4

Can a MINI still be a MINI when it's not so mini?



Yes, the puns never end here when you have a MINI with the footprint of a Volkswagen Golf. In fact, the Clubman is the biggest MINI of them all, surpassing even the MINI Countryman SUV.

The long and short of it is yes, despite being 11 inches longer, three inches wider, and 300 pounds heavier than a regular MINI Cooper five door, the Clubman JCW is still blessed with the brand's unique charm.

## What's under the bonnet

This is the first ever combination of the current 2.0-litre turbocharged 4-cylinder engine developed for John Cooper Works models with the newest generation of the all-wheel drive system ALL4.

With an output of 231 hp, 39 hp higher than that

of the MINI Cooper S Clubman, this sweetheart of a motor is paired with the new version of the ALL4 system optimised for weight and efficiency. A 6-speed manual transmission is standard equipment, but our test car was equipped with the optionally available 8-speed Steptronic sports transmission.

With this sum of its parts, the MINI Clubman JCW scooches from zero to 100 km/h in a claimed 6.3 seconds. Thanks to the sports exhaust system, the sound out back is also much better than you'd expect from a 4-cylinder, popping and brapping during up and downshifts.

Does it feel significantly faster than the Clubman Cooper S? To be honest, not particularly, but it feels

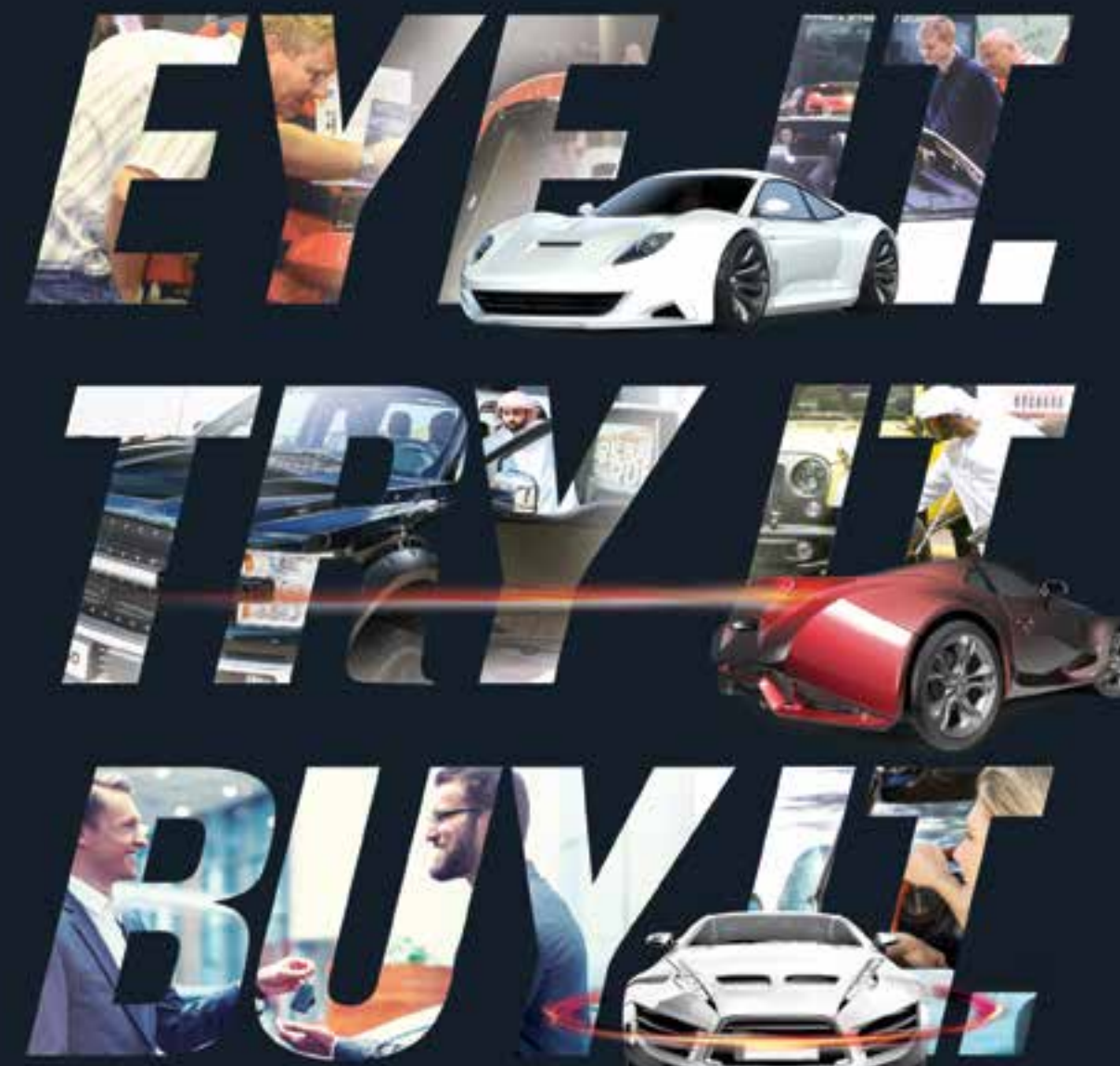
spritely, just not a race car.

## How does it drive?

As previously mentioned, the sum of its parts is what gives the Clubman JCW its special secret sauce.

The immediate turn-in, the weighty steering, and the growling intake note are all there, beautifully translated over from the three-door Cooper JCW hatchback. Four piston front Brembos exude a feeling of confidence despite the Clubman's 3518 pound curb weight. Meanwhile, the ALL4 all-wheel-drive system provides for all-weather safety and security.

That being said, the system is biased towards those two characteristics versus dynamic performance. The Clubman JCW ALL4 will still understeer if you push



**DUBAI**  
INTERNATIONAL  
**MOTOR**  
**SHOW**

معرض دبي الدولي للسيارات

**14-18**  
**NOV 2017**

DUBAI WORLD TRADE CENTRE

**BUY TICKETS**  
**ONLINE NOW**  
**SAVE 25%**  
**DUBAIMOTORSHOW.COM**

## NOTHING LIKE YOU'VE EVER SEEN BEFORE

550+ cars & bikes, 100+ global and regional car launches, 15+ supercar brands and 10+ mind-blowing concept cars.



TICKETS AT THE DOOR AED 65. KIDS UNDER 12 ENTER FREE!

FREE ACCESS TO VOD DUBAI INTERNATIONAL JEWELLERY SHOW

**TUE 14 NOV: 6PM - 10PM** **WED 15 NOV & SAT 18 NOV: 11AM - 10PM** **THU 16 NOV & FRI 17 NOV: 11AM - 11PM**

f in t DUBAIMOTORSHOW

DXBMOTORSHOW

MOTORSHOWDUBAI

#DUBAIMOTORSHOW







it too hard and too fast into a corner. Being able to put the power down without wheelspin after apexing a corner is the name of the game, and therefore an exercise in restraint.

With the JCW's 0.4 inch lower ride height and firmer suspension, the ride quality is noticeably firmer than that of the Clubman Cooper S. Add in the low-profile run flat performance tires and you get a bit of a flinty ride quality over some expansion joints and cracks that even the optionally available dampers cannot filter out. Nonetheless, for the most part, the car still stays true to the MINI tradition with its delightfully go-kart feel. Thanks to the much longer wheelbase, there is not much choppiness at all in the ride quality.

#### What about the styling?

What would you call the Clubman? A wagon? A wagonlet? A shooting brake? Perhaps all of the above?

Whatever you want to name the Clubman, it has distinct styling and looks like nothing else on the road. Wonderfully quirky is the name of the game, especially with the van-like side-hinged rear cargo doors, replete with a tiny wiper on each window. It just looks super cool, and is a total throwback to the original Clubman. Rear visibility is not really that affected despite the split doors, but cargo loading is a little bit less practical because there is no hatchback or tailgate to shield you from the elements in inclement weather.

Thanks to a kick sensor under the rear bumper, you literally kick your foot for the barn doors to pop open automatically, one at a time. Admittedly, this also takes a little bit more time than a conventional tailgate, but then again, these quirks are what add to the charm.

The JCW sets itself apart from other Clubmans with front fender mounted breathers as well as other typical

John Cooper Works design features to optimise aerodynamic properties.

Instead of the typical parking lights and foglamps, there are oversized side cooling air inlets. Out back, the wide rear apron with integrated, tapered dual tailpipes of the sports exhaust system, as well as the John Cooper Works rear spoiler speak to the sportier nature of this vehicle. Other JCW accents also include the hexagonal radiator grille with honeycomb pattern and cross member in Chili Red.

#### Funky fun but practical interior

With details ranging from funky to cheerful, my favourite of which has to be the airplane cockpit-like overhead chrome toggle switches, MINI's interiors have a way of engaging both the driver and its passengers. As with other MINIs, a red pulsating start button flipper switch is what starts the fun.



A large round centre infotainment screen is now a massive 8.8 inches, and even has a ring that changes colours. Think of it as literally a giant mood ring that can be set to indicate engine RPMs, climate control temperature, and even driving mode (such as when toggling between Eco and Sport modes).

If you're used to BMW's iDrive system and the logic behind it, you will have very little issue in adapting to MINI's similar system. If not, the controls do take a little bit of time to fully comprehend, but ultimately they prove logical enough.

The front seats are supportive yet comfortable, and because it's a Clubman, the rear seats are hospitable

enough even for full-sized adults. The optional dual-paned moonroof makes the cabin feel airy, especially with the dark coloured interior colour scheme of our test car.

The luggage compartment is good for 360 litres of space, or by folding down the rear backrest with its 40 : 20 : 40 split, the luggage volume can be expanded to a max of 1,250 litres.

#### Who would buy this car?

If you're a huge fan of the original MINI 3 door hatch, but need more space and don't mind paying a bit extra, the Clubman makes a lot of sense. If you don't mind paying a bit more for your Clubman to be faster and

handle better, the JCW is there for the taking.

But the fact is that if you're looking for a hot hatch, this is not exactly it. The Clubman JCW is neither a wagon nor an SUV. Instead, it's a rather special square plug in a round hole, occupying a space almost all on its own. And I love it because it is such a MINI thing to do. That is, to be not normal.

For most buyers keen on the JCW moniker, this won't necessarily be based on outright pragmatism. It will be a statement piece, but one which rewards its owner with crisp power delivery, a fantastic transmission, a sorted chassis, and the fact that they are mavericks in a world of boring sedans and SUVs on the road.





# Maserati GranTurismo and GranCabrio

## In the UAE



Al Tayer Motors, the official Maserati importer-dealer in the UAE, launched the 2018 GranTurismo and GranCabrio at the Dubai Autodrome marking the regional debut of the Italian luxury sports cars. The event was designed to showcase the exhilarating performance of the cars and give customers the opportunity to fully experience their sporty character on the racing track.

"The GranTurismo has evolved over time to become one of the world's most iconic sports cars and remains a resolutely sporty luxury coupé with a uniquely timeless elegance. Stunning design, superb performance, distinctive sound and unmatched driving delight combine to give automotive connoisseurs a truly

enjoyable ownership experience," said Martino Picotti, Senior Brand Manager - Maserati, Al Tayer Motors. The starting price of the 2018 GranTurismo is AED 485,000/- while the GranCabrio is priced from AED 575,000/-, which includes three years unlimited mileage warranty and three years or 60,000km service package. The cars are expected to be available at the Al Tayer Motors Maserati showrooms in Dubai, Abu Dhabi and Sharjah by mid-November.

The GranTurismo and GranCabrio range has been streamlined for 2018 and two distinct versions will be offered – Sport and MC. The 4.2-litre GranTurismo and GranCabrio has been discontinued, while the Sport and MC share the same powertrain V8 of

4.7-liter and interior personalization packages. The MC – for Maserati Corse – takes on an important ambassadorial role for the entire Maserati range, representing the company's long and illustrious racing heritage. Replacing the previous MC Stradale, it offers a wide array of tried and tested features from other Maserati models. The naturally aspirated V8 engine is hand-assembled by Ferrari in Maranello and weighs only 175kg. This 4.7-liter unit features a wet sump and – exclusive to Maserati – a cross-plane crankshaft. This provides unrivalled throttle response, free-revving characteristics and the thrilling Maserati signature sound. When it came to the MY18 restyle, the timeless Pininfarina design was treated with the utmost respect







by the Maserati Design Centre. The results include even better aerodynamics and compliance with the latest pedestrian safety regulations.

The new front and rear bumper design for the MY18 GranTurismo and GranCabrio elegantly refines the visual impact of the striking original styling. Additionally, the headlights for each model have been slightly restyled for 2018, and a new rear-view camera is now included. The Sport and MC share the same basic features, although each has unique inserts to accentuate its distinctive character.

The GranTurismo, together with its GranCabrio sibling, is assembled at the historic Maserati plant of Piero Menotti in Modena, following the highest manufacturing and quality control standards in the world. More than 37,000 GranTurismo and GranCabrio models have been sold globally since 2007.

### The eternal GranTurismo

The Pininfarina-designed GranTurismo is a historically important, brand-defining model for Maserati.

The luxurious four-seater sports coupé was conceived as an ultra-modern interpretation of the brand's very first production grand tourer, the elegant Maserati A6 1500 of 1947. And over the years, the GranTurismo

has evolved into one of the most iconic Maserati cars ever built, thanks to its uncompromised GT character. This character is perfectly expressed by a uniquely compelling combination – bold yet elegant design; the exhilarating, inspirational performance of a naturally aspirated, Maranello-built V8 engine; and hand-crafted comfort offered by four individual, Poltrona Frau®



seats.

In essence, the GranTurismo is the ultimate expression of what grand touring means to Maserati.

### Open-air grand tourer

The Maserati GranCabrio – the convertible interpretation of the iconic GranTurismo – made its world debut at the 2009 Frankfurt Motor Show. Designed by Pininfarina, it offered the joys of luxury grand touring in a full four-seater from a breathtaking new perspective. The new model features a subtle restyle that respects the dramatic elegance of the original. Its sensuous lines can be traced directly to its ancestor, the 1950 A6G Frua Spyder – a highly exclusive production convertible with a race car engine. The timeless design is accompanied by the exhilarating, inspirational performance of a naturally aspirated, Maranello-built V8 engine and the hand-crafted comfort of four individual Poltrona Frau® seats. In short, the GranCabrio is the ultimate expression of luxurious, open-top grand touring at its authentic best.





# 2018 Porsche 911 GT3

## Road racer



There is little greater news to performance automobile enthusiasts than when another Porsche 911 GT3 is announced, as the 2018 model has recently been. The juiciest update for the street-legal race car, built in Weissach, Germany, is the powerplant, which has had both its displacement and output bumped up. Powering the beast is now a 4.0-litre flat-six, producing 500 horses and 460 Nm of torque, which is an improvement of 25 and 15 respectively compared to the outgoing 3.8 litre. Its design takes after the other motorsport-purposed 911s like the GT3 R and

RSR, and is characterized by a rev-happy 9,000 rpm redline. The chassis upon which everything sits is also redesigned, lighter and specifically tuned to work with the naturally aspirated mill — the result is a serious power-to-weight ratio of 6.4 pounds per horsepower. **Choose thy weapon** Consumers continue to be able to select between the standard seven-speed Porsche Doppelkupplung (PDK) dual-clutch automatic transmission and a six-speed manual gearbox at no extra charge. A neat function of the former is haptic feedback shifter paddles that

can even be felt through driving gloves, and the latter has the added benefit of being 37 kilograms lighter, yielding a slightly higher top speed of 319 km/h versus 317. Acceleration is slightly slower for this option, however, taking 3.8 seconds to get from 0 to 100 km/h rather than 3.2. Other components are influenced by the company's participation in racing endeavours. Active Rear Axle steering allows the rear wheels to turn at the same time as the front to improve vehicle agility, helping the car to whip around corners more efficiently. Dynamic







engine mounts and rear-locking differential enhance stability.

**Accoutrements**

The GT3 is visually differentiated from regular road-going variants thanks to lightweight bumpers featuring additional cooling vents, splitters on both ends and a tall carbon fibre wing with “4.0” etched on the side. In the cabin, the 14.1-inch sports steering wheel is similar to the unit in the hybrid 918 Spyder hypercar.

Driver and passenger seating have upgraded bolstering and are fully electric (rear seats are deleted for weight

savings). Available adaptive seating increases maximum adjustment levels to 18 and includes a memory function. Alternatively, full bucket seats are a choice as well.

**New shoes**

Reading the specs for the rollers are not for the faint of heart. The center-lock alloys measure in at 20x9 inches up front and a massive 20x12 at the back, and are shod in a new generation of ultra-high performance rubber - spec'd at 245/35/ZR20 (F) and 305/30/ZR20 (R) - providing the maximum amount of traction possible.

The wheels come in silver but customers may request different finishes such as Satin Aluminum, Satin Platinum and Satin Black.

Although this vehicle has a track-bred pedigree, it can still have practical sensibilities. The optional pneumatic front axle lift system lets the driver raise the front of the car by as much as 30 millimetres, possible even at speeds of 60 km/h or less, in order to prevent body damage due to an uneven road surface, or to survive a steep incline or decline.



**FREEZE THE HEAT**  
**95%**  
**HEAT REJECTION**

**WORLD'S NO. 1**  
**AUTOMOTIVE WINDOW FILM**

99.9% UV Rejection | Lifetime Warranty | Inspired by HRSI Space Technology  
 Approved by Skin Cancer Foundation | Shades from 0% to 100% Available  
 Free Door Edges Protection  
 Eastman - LLumar® is the World's Largest Window Film Manufacturer

**EVERY DAY IS A WINTER DAY**



To book an appointment call:  
 ☎ 600 56 56 58  
 www.automillennium.com

Exclusive Distributor  
**AUTOMILLENNIUM**  
 GROUP



# Jaguar Project 8

New project



Exciting models like the F-TYPE and new F-PACE already more than satisfy most adrenaline junkies. Nevertheless, Jaguar has gone one step further and is about to release its highest output car to date: the 592-horsepower XE SV Project 8.

This super-sports-sedan is the product of Jaguar's Special Vehicle Operations (SVO) division based out of England, which manufactures halo builds and limited-run collectors' editions. Case in point is the F-TYPE Project 7 from 2014, at the time the fastest offering in

the fleet capable of topping out at 300 km/h.

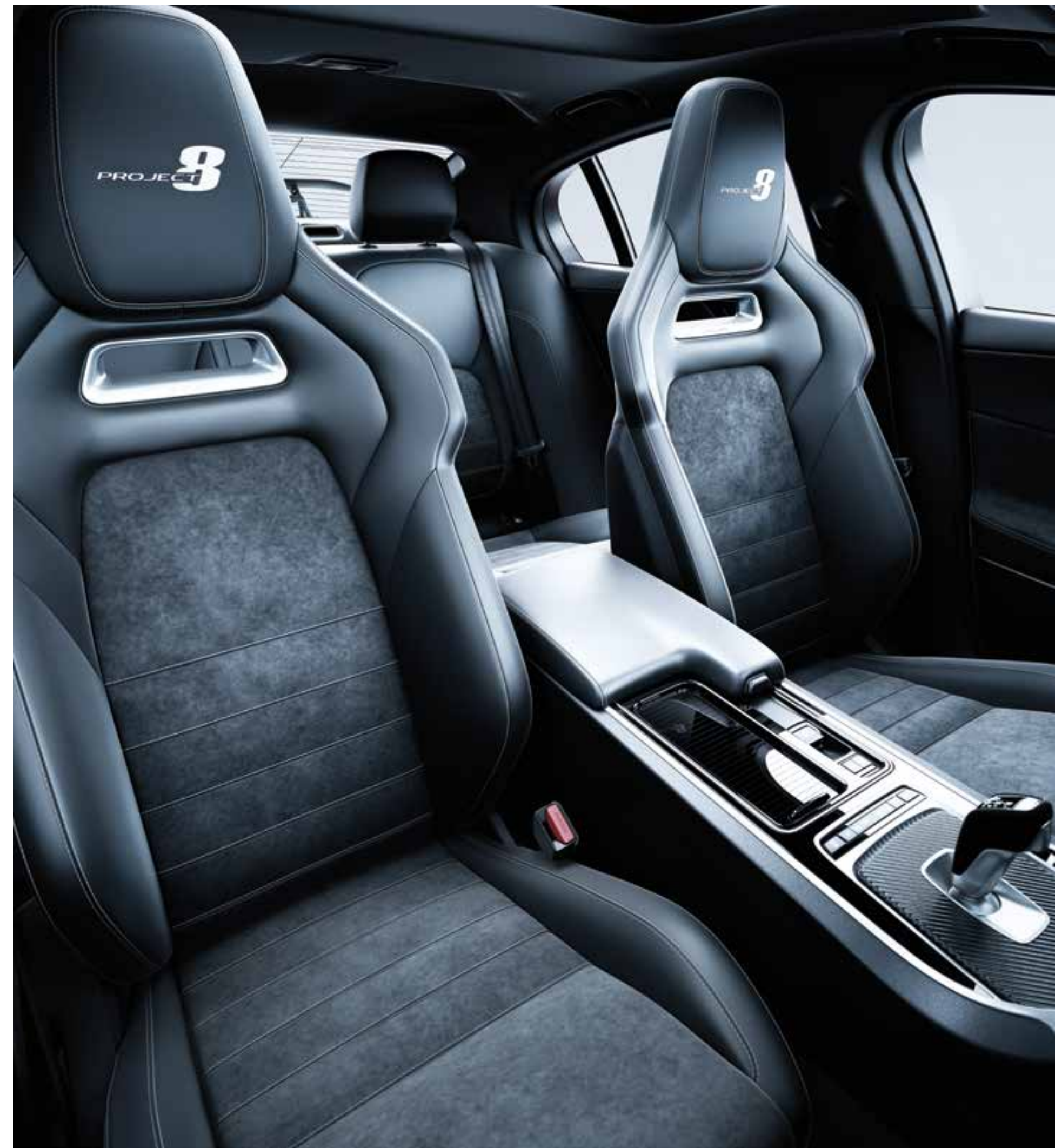
## The why

"SVO's raison d'être is to produce halo vehicles that push the boundaries in terms of luxury, performance and all-terrain capability. Project 8 is a great example of what happens when enthusiastic designers, engineers and manufacturing specialists are given the opportunity to create an extreme performance sports car without compromise," says John Edwards, managing director at Jaguar Land Rover SVO.

"Project 8 will be assembled by hand in the new SVO Technical Centre, and we're confident that our enthusiastic and demanding clients will love driving Project 8 as much we do."

## Upgrades

Differences between Project 8 and standard XEs involve a lot of carbon fibre. The bumpers are both made out of the strong and lightweight material, the front featuring a series of cooling ducts punched into the area underneath the headlamps and a splitter







attached. Similarly, the ducted hood is made of carbon fibre as well. For increased downforce, a rear diffuser and adjustable spoiler have been fitted.

Ride height is 15 millimetres lower due to stiffer suspension utilizing a double-wishbone setup in the front, Integral Link rear and manually adjustable dampers that are continuously variable.

The interior also has a lot of carbon fibre trim pieces installed, complemented by Alcantara covering sections of the steering wheel, instrument hood and door panels. The XE receives a Pistolshift lever, a more

classic style of transmission selector compared to the rotary knob found in the standard variant.

Interestingly, depending on the market, the cabin seating arrangement is either in a two or four seat configuration. North America gets a four-passenger occupancy, while elsewhere a racing harness support replaces the back seats.

#### **More... power....**

The impressive hp numbers comes via an uprated version of the supercharged 5.0-litre V8 engine mated to an eight-speed Quickshift transmission. All-wheel

drive is standard. Stopping all that power is a new carbon ceramic braking system.

Other performance-enhancing innovations include the F1-inspired silicon nitride ceramic wheel bearings — never before seen on a road car — and a rear Electronic Active Differential with oil cooler. A first for Jaguar, drivers can activate a dedicated track mode tailoring steering and throttle dynamics for race use.

#### **Limited edition**

Only 300 units of the hopped-up XE will be produced, all left-hand drive. Buyers will additionally have the option of customizing their purchase from the factory choosing from 10,000 exterior paint hues and different colours for body accessories.

Mark Stanton, SVO director, says there's more for fans to look forward to.

"We have really been able to unleash the potential of our engineering and design teams in specifying Project 8. We are at the beginning of a very challenging and exciting development programme which will see us focus on ensuring Project 8 delivers track performance on a level previously not targeted by Jaguar. The SVO team is full of performance car enthusiasts that are now briefed to deliver motorsport science and soul in what is effectively a four-door supercar," says Stanton.





# BMW augmented reality



Move over Pokemon Go, there's another augmented reality (AR) player in town. This time, the technology isn't used to catch virtual monsters, but allow consumers to manipulate a fully detailed vehicle right on their smartphone.

BMW, working with automotive industrial consultant Accenture, has rolled out an app called the BMW i Visualizer that utilizes Google's proprietary Tango AR technology. Users are able call up a 3-D image of an i3 or i8 onscreen, which is overlaid onto whatever is in

the background. Like the real thing, the doors open, the lights switch on, etc.

## It's all about realism

"The thing that sets Tango apart is the fact that it understands the context of the space that it's in. So the wheels are really on the floor, for example, giving the whole experience a much more realistic feel," said Eric Johnsen, head of Google Ar business development.

"In our initial tests, we saw people ducking down when they were getting into the car, as if there really were a

roof there for them to bang their heads on," Andrea Castronovo recalled. "It's that level of detail which means this technology offers the customers real added value." Said Johnsen.

There are customization features built into the app as well. For instance, exterior paint colours, interior options and wheel styles may all be changed by simply tapping on the touchscreen. Afterwards, the modifications can be saved and shared via email, QR code or social media.

## Forward thinking

The German manufacturer says it is the first automotive brand in the world to roll out such an offering. The i Visualizer is part of BMW's Future Retail program launched three years ago, aimed at evolving the customer vehicle purchasing experience. Other innovations include the Product Genius and the Virtual Product Presenter.

The i Division was chosen as the starting point due to its reputation as the "spearhead of innovation at the BMW Group."

The app is still in the pilot phase, currently implemented in a handful of stores. Select associates (Product Geniuses) in those locations have access to i Visualizer to demonstrate to interested customers, proving especially useful if the actual car isn't present

onsite. The plan is to eventually offer the software in the Google Play store so it will be available to anyone with a Tango-equipped mobile device.

Accenture believes vehicle buyers are becoming increasingly savvy and seeking new and different ways of researching their potential next purchase. The app represents just another technical advancement in an ever-growing arsenal of modern-day shopping tools.





# Electric vehicle trends



There's no denying that the electric vehicle movement continues to grow at a dizzying pace, with manufacturers such as BMW, Toyota, and others leading the charge. As infrastructure begins to catch up, further exciting developments are in the pipeline. Here are five EV trends to keep an eye on in the near future.

## Performance orientation

Anyone who thinks electric cars, especially the current crop out now or due to be released shortly, lack performance, is sorely mistaken. Tesla made headlines early in the year when the 2,218-kilogram Model S sedan with the upgraded P100D 100-kilowatt-hour battery pack was revealed, able to reach the 0 to 100

km/h benchmark at a neck-snapping 2.5 seconds. That's faster than a Ferrari LaFerrari. Need we say more? The fast machinery isn't only for the well-to-do folks. BMW has announced the impending arrival of the i3s, a quicker version of the popular gas-less hatchback due out in 2018. Horsepower is bumped up to 184, torque to 199 and the suspension is stiffer dropping the ride height just over a millimeter. The exterior is much sportier featuring blacked out trim, unique alloy wheels and meaner bumpers.

## More crossovers and SUVs

Sure, there are already hybrid options in the utility vehicle class available now like the Toyota RAV4,

Infiniti QX60 Hybrid and the BMW X5 xDrive40e, but there are a handful of wilder, fully electric automobiles already in the pipeline for 2018. Audi will be releasing a crossover based on the e-tron quattro concept that has a range of 500-plus-kilometres, and Jaguar is readying the 400-horsepower Jaguar I-PACE for late next year.

## Plug-in Hybrid improvements

Early plug-in hybrid electric vehicles (PHEV) couldn't get very far in zero-emissions mode, limited to a few short in-town trips between charges. That's changing as the next generation of PHEVs allow further travel on electricity alone. Just launched in Quebec earlier this

month, the 2017 Toyota Prius Prime, for instance, has a large 8.8 kilowatt-hour lithium-ion battery installed providing enough juice to yield 40-plus kilometres of gasoline-free driving.

Others include the Chrysler Pacifica Hybrid minivan (48 kilometres), the Cadillac CT6 Plug-in Hybrid (48 kilometres) and the Kia Optima PHEV (44 kilometres). While the additional mileage still won't permit long-distance journeys, it should mean owners can run at least half the time without using any petrol, thus saving at the pump as well as reducing maintenance costs.

## Conventional conversion

Rather than creating something entirely new, it seems certain automakers, i.e. BMW/MINI, are taking existing products and giving them a partially electrified spin (cue the aforementioned X5 xDrive40e). The MINI Cooper Countryman has also just experienced a rebirth as a PHEV, now combining the quirky appeal the brand is known for with the ability to go over 30 kilometres sans fuel, perhaps as an attempt to revive recently slumping sales.

Enthusiasts worried the process of putting in a battery and associated components might have sapped out



the fun, don't worry — engineers took care to ensure original drivability stayed intact. All the extra stuff is positioned at the rear and close to the floor, lowering the centre of gravity and balancing the front to rear weight ratio.

## Higher EV standards

The measuring stick in terms of range for pure EVs has so far been in the neighbourhood of 100 to 130 kilometres, as offered by the original BMW i3. That's

changing, however, as first-generation examples are receiving overhauls with the latest technology and beefier components. The 2017 i3's battery pack remains the same size as before but utilizes denser energy cells to increase range from 130 to over 180 kilometres. There are models fresh to the segment pushing the envelope as well: the Hyundai Ioniq Electric can get up to 200 kilometres on a single charge.





# The Vanquish Zagatos

## Speedster and Shooting Brake join Coupe and Volante



One of the most enduring creative partnerships in the automotive industry reached another milestone today. First with the global debut of the Vanquish Zagato Volante, followed by confirmation that not only will the Vanquish Zagato Speedster enter production, but it will be joined by a spectacular Vanquish Zagato Shooting Brake.

This 'family' of four Vanquish Zagato models will yield a total of 325 cars. As the first member of the family, production of the Vanquish Zagato Coupes commenced in late 2016. Next to enter production was the Vanquish Zagato Volante. Once again strictly limited to 99 cars (all of which have been sold), production has commenced and deliveries will be completed through 2018.

Of the two remaining models, the Vanquish Zagato Speedster is the rarest, with a production run of just 28 cars. As you would expect from one of the most collectible and covetable Aston Martins ever, all 28 Vanquish Zagato Speedsters have been sold with deliveries scheduled for 2018. Completing the quartet, the Vanquish Zagato Shooting Brake will also enter production in 2018, with a total build run of 99 cars matching those of the Coupe and Volante.

With all four cars based upon the Vanquish S, each Zagato enjoys the combination of 600PS naturally-aspirated V12 mated to the smooth, slick-shifting Touchtronic III transmission. Together with adaptive damping – fine-tuned for each model - the Vanquish Zagato family promises exceptional driving pleasure

that is every bit as stimulating and memorable as their design.

The Speedster and Shooting Brake represent the two extremes of the Vanquish Zagato family. The former is an uncompromising roofless design that expresses the raw excitement of an open-top ultra-high performance sports car. The boldest aspect of the Speedster's design is the Speed Humps that rise up to form streamlined cowls that flow back from the seats, representing Zagato's signature 'double-bubble' roof. All the body panels are made from carbon fibre (like the other cars in the Vanquish Zagato family), while shared details, such as the Aston Martin Vulcan-inspired 'Blade' tail lights and repeated 3D Zagato 'Z' motifs in the front grille and rear vent meshes, create an unbroken

stylistic thread that connects these otherwise individual creations.

The Shooting Brake is still a strict two-seater, but one conceived as an individual and exceptionally practical GT. The extended roof on the concept sketch bears the iconic Zagato 'double-bubble' surfacing complete with glass inlays to let light flood into the cockpit. The sculptural roof culminates in a powered tailgate that opens onto a luxuriously trimmed rear cabin area, complete with a tailored luggage set. With dramatic herringbone carbon fibre fascia with anodised bronze rotary controls, extensive 'Z' motif quilting and the option of a fully aniline leather upholstery, the Shooting Brake is a fitting complement to the Coupe, Volante and Speedster.



## With our special Auto Loan offer, your choices are limitless

- > Auto Cash Loan at 0% interest
- > Special loan offers for high AECB credit scores
- > Murabaha finance option available
- > Quick half-day approvals

Also check out our exclusive **0%** Auto Loan offers on your favorite cars.

\*Emirates NBD Terms and Conditions apply.





**McLaren**



**Raise your limits.**

**McLaren Abu Dhabi**

Montazah Tower, Zayed the First St  
Al Khalidiya  
02 681 0403

**McLaren Dubai**

Sheikh Zayed Road (Exit 41)  
Umm Al Sheif  
04 382 7500

720S  
Super Series

**Prepare.  
Commit.  
Belong.**



[abudhabi.mclaren.com](http://abudhabi.mclaren.com)  
[dubai.mclaren.com](http://dubai.mclaren.com)