

free car mag

SHORTLISTED
FOR NEWSPRESS
MAGAZINE
OF THE YEAR
2016 & 2017

Futuristic
Issue

BLADE RUNNER

2049 - THE FLYING CAR FUTURE...



In the future Ford will deliver your
Pizza, cars will take to the skies and
taxis will need three pin plugs...



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Mr Glen Townsend, May 17

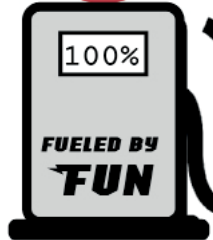
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ISSUE 52 / 2017

his time...

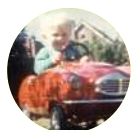
Another month and another film we rather like. The truth is that the older members of the FCM office actually remember going to see the original Blade Runner in a fairly empty cinema. Blade Runner 2049 will get much more of a push and won't be allowed to fail. What excited us about the first film, apart from Harrison's Ford's effortless portrayal of a down at heel replicant catcher and killer in 2018, was the flying cars. They may be the answer to our traffic congestion nightmares and actually exist. The Pal-V seems to be the closest to reality, so we take a look at that and consider putting down a deposit.

Technology is moving as fast as ever and although the indication seems to be that you could well be enjoying a Domino's pizza brought to you in a driverless Ford Mondeo. Otherwise a lot of cars are going to be battery powered. We don't actually think it is as cut and dried as that and we explain why. Also, offsetting all that is the great news that TVR is back. You will have to wait to see the average pictures of that as we had so much future content, we've had to hold it over for the, er, future. We have at least got a different photographic take on Frankfurt, so huge thanks to Andrew Elphick.

And finally, well done to Ricky who didn't win a flying, or even a real car, but a toy one. Well, it is a posh scale model and a lovely way to celebrate being 50 issues old. His favourite cover? Dangermouse, obviously.



Fancy guest editorship of FCM Mr Ford? Nah.



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OLYMPIC ATHLETES COMPETE IN JAGUAR XF TRIATHLON

Olympic triathletes Alistair and Jonny Brownlee have reignited their rivalry in a triathlon with a difference – behind the wheel of a Jaguar XF and XF Sportbrake. The pair competed in a trio of challenges to show off the dynamic performance, increased load space and parking technology of both vehicles.

First was the swim, otherwise known as the 'Smartcone Slide', pitting the brothers against each other in a slalom contest on a wet skid pan that proved the all-wheel-drive capability, outstanding traction and overall performance of the Jaguar XF Sportbrake in low-grip conditions.

Round two put the pair on their bikes for 'Pedal to Pack' as they raced to stow their equipment the quickest in the 565 litres of rear load space and on the versatile roof rack of the new XF Sportbrake estate. With all to play for in the final challenge 'Race to Reverse', the brothers were tested with a parallel park in the XF saloon.

Alistair took the wheel and manually tried to park the car in the shortest possible time, while Jonny put his faith in the semi-automated Park Assist function, proving the difference as he triumphed over his brother to take overall victory. "Alistair might have got the better of me in the Olympics, but this one is really going to hurt him. He prides himself on his driving skills, so to beat him here will give me serious bragging rights. This might have been a little different to what we're used to, but it was great fun to test the capability of the Jaguar XF and XF Sportbrake. They're both very impressive cars." - Jonny Brownlee, World Champion triathlete.

WATCH THE BRILLIANT VIDEO HERE: <https://youtu.be/zi72jMZEapo>

Jaguar
Sportbrake
XF 2.2D SE
£31,945





Alistair
will get
his own
back



WHY THE JAGUAR SPORTBRAKE IS A WINNER

With a maximum load space capacity of 1,700 litres and a flexible 40:20:40 folding rear seat split, the new Jaguar XF Sportbrake is a premium estate that sets new standards for practicality and convenience. This combination of space, driving dynamics and advanced technologies make it the ideal vehicle for customers with active lifestyles. It also boasts a maximum roof payload of 100kg and a number of different accessories and racks that can accommodate skis or snowboards, cycle racks and water sports equipment. The load space is also accessible with the convenient Gesture Tailgate, letting you open the boot when your arms are full with just a wave of a foot. Its lightweight construction and optimised driving dynamics combine with near 50:50 weight distribution to deliver the ideal balance between ride and handling. All Surface Progress Control enables smooth, effortless traction on low-grip surfaces, while on-demand all-wheel drive and Intelligent Driveline Dynamics deliver optimum performance and capability. Both the XF and XF Sportbrake feature Park Assist. There are semi-automated functions for both bay and parallel parking, with ultrasonic sensors to measure the space and steer the car into position. All the driver has to do is manage the accelerator and brake, while the car does the rest. "As a triathlete I'm used to being in control of my own performance. I've also always prided myself on my parking, so when it came to the final challenge, I wanted to make sure I was in charge. As it turned out, I would have been better off trusting the XF's technology. I'll get Jonny back next time!" Alistair Brownlee, two-time Olympic Triathlon Champion.

WATCH THE BRILLIANT VIDEO HERE: <https://youtu.be/zi72jMZEapo>





HRH THE DUKE OF CAMBRIDGE MEETS MCLAREN

The Duke was given a tour of the McLaren Production Centre, in Woking, led by Mike Flewitt, McLaren Automotive Chief Executive Officer. Along the way, The Duke met some of the company's 2,100 workforce who designed and hand-assembled a record 3,286 cars last year, the majority exported around the world. Mike Flewitt, CEO of McLaren Automotive, said: "It's a great personal honour to welcome The Duke to McLaren Automotive and something that each and every one of our people should feel justifiably proud of as a globally renowned British sports and supercar creator. "Part of the McLaren DNA has always been about achieving engineering excellence and a pioneering spirit. That goes right back to our founder Bruce McLaren and is instilled in everyone one of us today. But I know that we can only continue to create world-beating cars and technologies that truly push the boundaries of what's possible by harnessing the talents of an incredible and diverse group of men and women who all bring their unique skills and experiences to bear. "It's obvious that we're passionate about our cars, which comes through in abundance to our customers around the world who drive and love our products. What's sometimes less remarked upon, and which I hope came across during The Duke's visit, is that we are equally passionate about backing the next generation of design, engineering and manufacturing talent."





David Montgomery



**Kingsman +
MR PORTER
Shop, 4 St
James's
Street, London,
SW1A 1EF**

Get the look

MATTHEW VAUGHN & CLAUDIA SCHIFFER

Following on from last month we are still heavily into the rather excellent film starring Taron Egerton and Colin Firth. We thought this was jolly interesting especially if you really do want to get the Kingsman look. That's because The Kingsman Shop is open to the public, and is housed next to the 300-year-old wine merchant Berry Bros. & Rudd in the heart of St James's, a destination for the discerning gentleman shopper. The stand alone shop plays an integral part within the plot of KINGSMAN: THE GOLDEN CIRCLE, which means not only will customers and fans be able to shop the collection in a physical retail space, they will also be able to enter an authentic Kingsman location, plucked straight from the new film. The Director Matthew Vaughn and his wife Claudia were there and the Jaguar E-Type as driven by Taron.

Taron's Car

1 E-Type Jaguar £285,000

Matthew

2 Leather Jacket Asos £318.00

3 T-Shirt H & M £3.99

4 Jeans Debenhams £30.00

5 Hat Village Hats £14.00



Claudia

6 Velvet Blazer Yoox £423.00

7 Top Misguided £20.00

8 Jeans Asos £16.99

9 Bag Blue Banana £19.99



Blade Runner 2049

COOL RUNNING



Harrison Ford returns and Ryan Gosling joins the epic
Blade Runner story, in cinemas October 3rd



Spinner - Police Flying Car

“WE HAVEN’T WORKED OUT THE FLYING CAR THING YET, SO THAT’S DISSAPOINTING...”

RYAN GOSLING PONDERES THE FACT THAT BLADE RUNNER DIDN’T QUITE PREDICT EVERYTHING.

Ryan Gosling is one of the stars of Blade Runner 2049 and he patiently explains what this new chapter in the story is all about.

“I play a character named K who is a Blade Runner, thirty years after the first film left off.

“The profession of the Blade Runner is a little different and more complicated.

“It was a day like any other day and he unintentionally uncovers a mystery that makes him and the audience question everything that they thought they knew.”

Into this scenario comes Harrison Ford as Rick Dekard. Speaking at a Facebook Live Q&A event he considers the impact of Blade Runner.

“I think it is fascinating that the original film postulated a technology which in many ways we’ve surpassed and in other ways we are not quite there.

“This film takes into account the thirty years that have passed and references technologies that are in place now and also to me a little more interesting acknowledges and deals with ethical considerations that technology presents us with.

“There is no such thing as a free lunch and we are both talking about the benefits of technology and the social consequences.”

Ryan Gosling clearly remembers the effect that the original film had on him. “I saw it probably ten years after it came out. I was struck by

just how influential it had been on everything I had seen.

“Blade Runner made me question what it meant to be a human being, it also made me question my ability to distinguish between the hero and the villain.

“It was a nightmarish vision of the future presented in this romantic dreamlike way.

“This was also one of the films where I wondered what happened after it was all over. What happened to that world and those characters? So to have the opportunity to physically enter that world, be part of it and learn the answers to those questions was a wonderful opportunity.”

Ryan Gosling did not just immerse himself in the story but also his new, futuristic surroundings.

“To get to the set and find that these were fully functioning worlds that you could inhabit. The props worked and there was very little imagining that had to be done. We hardly saw a green screen.”

There is a strong cast and interviewed by Empire, director Denis Villeneuve discussed casting villain Neander Wallace. “Our first thought had been David Bowie, who had influenced Blade Runner in many ways...when we learned the sad news, we looked around for someone with qualities like that.” Villeneuve subsequently cast Jared Leto for the role.

SPINNER FACTS

Spinner is a nickname for the type of Police flying car in Blade Runner that can drive as a ground car, take off vertically, hover and cruise using jet propulsion much like a Harrier jump jet. They are used mainly by the police to survey the population, and it's clear that despite restrictions wealthy people can acquire spinner licenses. It has been copied in films including The Fifth Element and Star Wars prequel trilogy.

In the film Back to the Future Part II they paid homage to the Spinner from Blade Runner as a repainted Spinner can be seen parked in a driveway. A Spinner is also spotted during the hoverboard chase.

Another tribute to the Blade Runner Spinner can be seen at various points in the Star Wars films Episode I: The Phantom Menace and Episode II: Attack of the Clones; the homage was made in part

with regard to similarities between urban traffic of 2019 Los Angeles as portrayed in Blade Runner, and that of the city-planet Coruscant as depicted in the Star Wars prequel films.

Buy your own Spinner, Fujimi's 1:24 scale Spinner Police Car is available online.





2019-2049 WHAT HAPPENED?

Denis Villeneuve commissioned three short films to fill in the decades between the two films. There are trailers of course, but these shorts are worth finding online as they answer so many questions and will ultimately heighten the 2049 experience.

The short film “Nexus: 2036” takes place in the year 2036 and is directed by Luke Scott which revolves around Jared Leto’s character, Niander Wallace. In this short, Wallace introduces a new line of “perfected” replicants called the Nexus 9, seeking to get the prohibition on replicants repealed.

“2048: Nowhere to Run”, also directed by Scott is the story of how Sapper, played by Dave Bautista, is discovered as a ‘skin-job’ or Replicant and has to go into hiding.

Finally, Japanese director Shinichiro Watanabe delivers “Blade Runner Black Out 2022” which is an animated short.



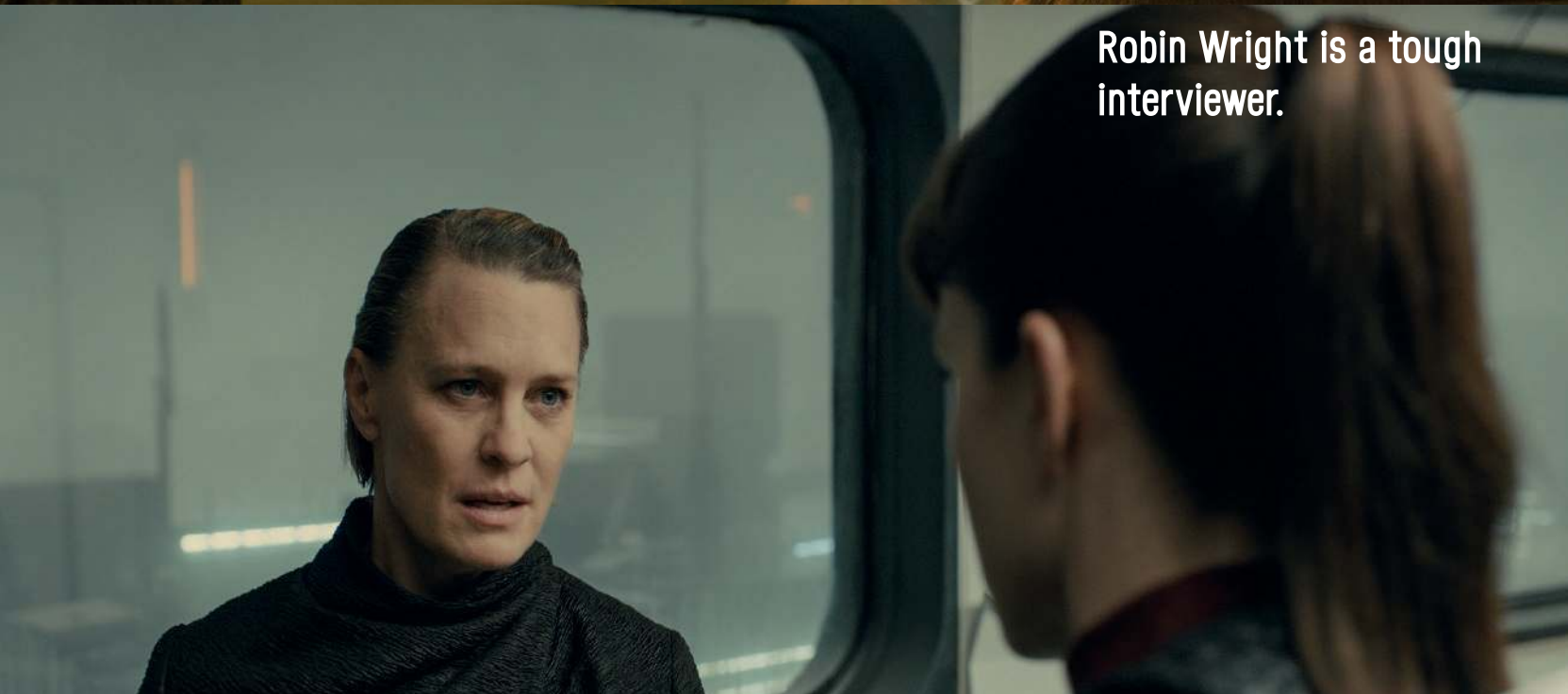
Blade Runner 2049



Rick Deckard, played by Harrison Ford can still handle himself.



Ana de Armas in Dixons



Robin Wright is a tough interviewer.

A promotional image for Blade Runner 2049. On the left, a man in a long, dark coat stands in a misty, blue-tinted environment. On the right, the rear of a dark, futuristic car with glowing red taillights is visible. The title 'BLADE RUNNER' is overlaid in large, white, serif capital letters.

BLADE RUNNER

EXPLAINED

Replicants are bioengineered humans, originally designed by the Tyrell Corporation for use as a slave labour. This is the complex world that the original Blade Runner film was set in.

Then in the meantime there was a series of violent rebellions and the manufacture Of Replicants was banned in 2033. The Tyrell Corporation went bankrupt.

Years later, industrialist Niander Wallace acquired the remains of the Tyrell Corporation and created a new line of Replicants who obey.

Many older model Replicants survived. They are hunted down and 'retired'.

Those that hunt Replicants go by the name, Blade Runners. Which is what Rick Deckard used to do and K, still does.

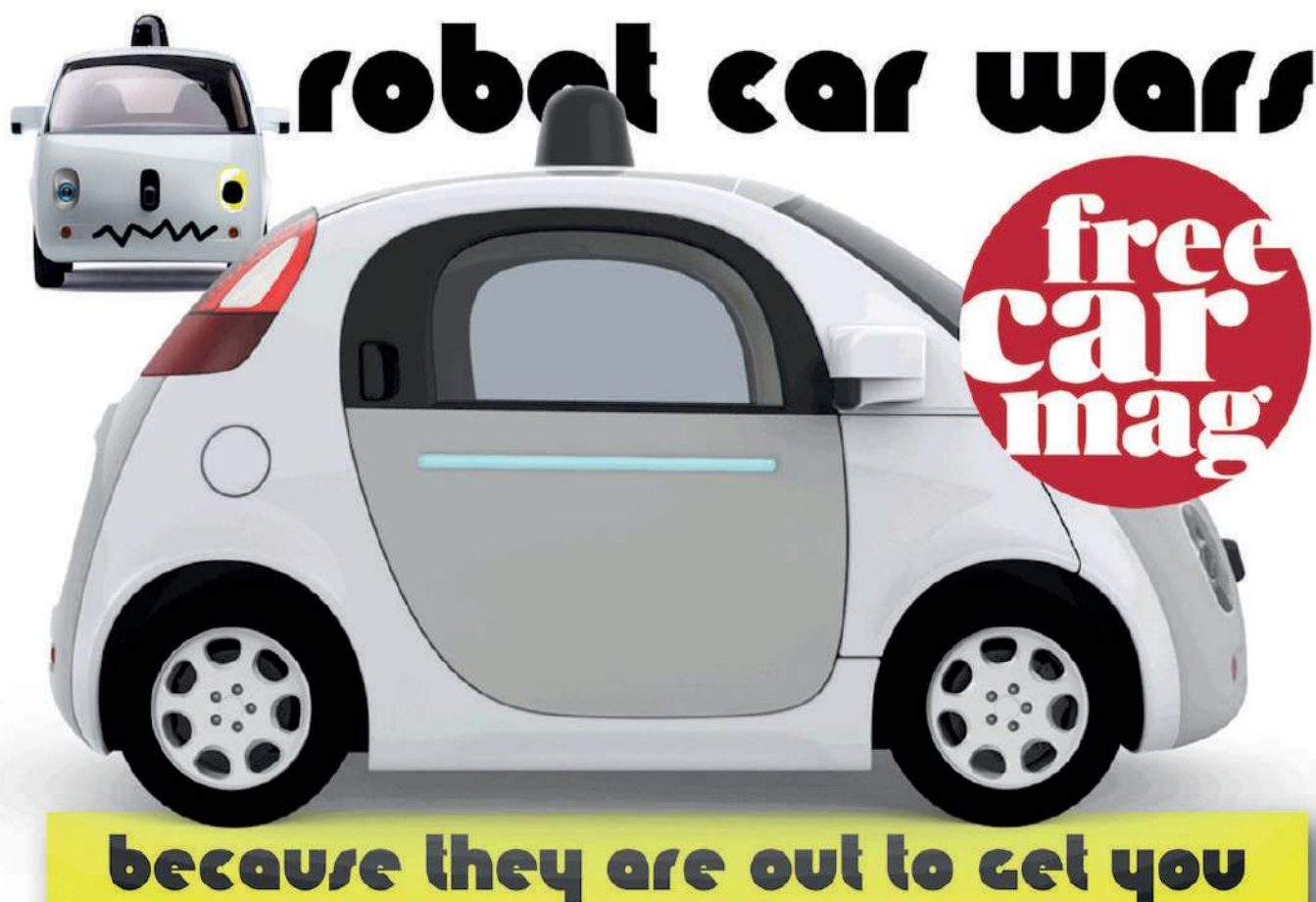
There is rather more to it than that of course, so go and see the film and let us know what you think through the usual social media channels.



In the Future

Future Runners

Coming soon to a street near you, self driving pizzas, electric motors where real ones used to be, and cars that actually take off and land. However, before we all get too excited Free Car Mag would like to point out that it already has a couple meme campaigns about what the future has in store.





According to the government petrol and diesel car sales will be banned by 2040. According to the Free Car Mag desktop calculator that is 23 years time and predicting the future is a dangerous thing to do. The best we can usually rely on is Hollywood where Back to the Future II suggested that there would be hoverboards by 2015. However, Marty McFly wouldn't give those so-called current generation wheeled 'hoverboards' the time of day. Actually the oddest thing is that DeLorean, a company which is distantly related to the car we all love is actually developing a flying plane. The DeLorean DR-7 is an all-electric flying car. Paul DeLorean, nephew of John DeLorean creator of the 1980s sports car says that the first one will fly next year. Apparently it will have room for two passengers, have a range of 120 miles and have a top speed of 240mph. I suppose we will believe it when we see it, which should be around 2018.

Meanwhile the original Blade Runner set in 2019, had flying 'Spinner' cars, so there is still a couple of years for that to happen. In 2049 though, they do look a lot more developed and I am not sure we can wait that long. In a few pages time though, flying cars are closer than we think.

The point is that you can make any promise or prediction into the far flung future and you won't have to deliver on it because you will be dead, retired, or in prison and no one will care.

However, this isn't Hollywood it's the real world and right now coal fired power stations are shut, no nuclear one has been built in the last few decades, renewables are actually unreliable and there is no provision for gas storage, so where exactly is the 'leaky' for all these battery cars going to come from? Presumably fireflies.

Electric cars need an infrastructure, just like petrol and diesel cars need fuel stations and that programme seems to be progressing rather slowly. Obviously you can recharge at home, but what would we rather have a fully charged motor, or heat, light and the telly showing Game of Thrones?

Trouble is, politicians like the idea of an electric car as it seems to answer every pollution question. That's why they previously focused on diesel, because it was so low in CO₂, although they ignored the more dangerous particulates. Electric cars are one answer, but so are hydrogen powered ones. Their own emission is pure water. Honda, Hyundai and Toyota have

hydrogen cars you can buy right now and they don't need to be plugged in anywhere. Maybe that is the future?

Right now Free Car Mag are off to make a film about a world powered purely from politician's broken promises which does not sound too far fetched to us.

The truth is that both petrol and diesel engines are going to be with us for rather a long time yet. They remain, affordable, practical and easy to use.

Then there is the whole concept of self driving cars, which we don't have the room to explore in that much detail.

Elon Musk's Tesla seem to be bringing the two futures together when it comes to electric power and autonomous vehicles.

Well, electric vehicles have their limitations as we have made clear and self driving cars, despite so many declarations that they are around the corner, may be some way off.

The major problem could be the number of human driven cars on the road. Getting the two to interact safely is an issue. Then there is insurance, the industry needs to sort itself out. Finally roads, on a motorway it makes sense, but on a country B road?

Also, Mr Musk is not the messiah and hasn't made that many cars. Yet.

In the Future

Get your Pizza delivered by a Robot Car

ARE
DOMINO'S®
& FORD
REPLACING THE
PIZZA DELIVERY
MOPED?



Randomly-selected Domino's customers in Ann Arbor will have the opportunity to receive their delivery order from a Ford Fusion Hybrid Autonomous Research Vehicle, which will be manually-driven by a Ford safety engineer and staffed with researchers. Customers who agree to participate will be able to track the delivery vehicle through GPS using an upgraded version of Domino's Tracker®. They will also receive text messages as the self-driving vehicle approaches that will guide them on how to retrieve their pizza using a unique code to unlock the Domino's Heatwave Compartment™ inside the vehicle. Clearly the days of the sweaty, possible late, pizza delivery geezer on a moped are numbered.



'Domino's® and Ford Begin
Consumer Research of Pizza
Delivery Using Self-Driving
Vehicles



Be chased by a Cop on a fuel cell Scooter...

The Metropolitan Police Service are helping reduce harmful emissions in London's air by launching a trial to test Suzuki Burgman hydrogen powered scooters

The trial will last for 18 months and will enable assessment of their suitability for the various roles the scooters could perform. On a broader scale it will help The Metropolitan Police to understand where this clean technology could be adopted across its fleet in the future.

The hydrogen fuel cell scooters will be used by Police Community Support Officers within the Roads and Transport Policing Command and will be based at Alperton Deployment Centre. The trial is being run at no cost to the Met, with the loan of the vehicles from Suzuki Motor Corporation. The maintenance and fuel costs will be met by a collaborative project which is being part funded by the Advanced Propulsion Centre (APC). Lead partner of this project is British fuel cell technology company Intelligent Energy in association with Suzuki GB and Cenex.

So keep your eyes peeled for these...



In the Future

Everything is Electric

The signs are that the next generation of cars will at the very least need a three pin plug. Here are the vehicles that the manufacturers have promised us recently...

The MINI Electric Concept

A production version will be unveiled in 2019, so we only have a couple of years to wait. It does look rather cute though and combines a drive system that is always quick off the mark with a precision-tuned suspension. The drivetrain and performance characteristics offer an enthralling drive on both city streets and country roads so it should be pure MINI when it comes to driving.





According to Peter Schwarzenbauer who is responsible for MINI on the BMW board, "With its characteristic go-kart feel and powerful electric motor, the MINI ELECTRIC CONCEPT is great fun to drive while also being completely suitable for everyday use – and producing zero emissions to boot. That's how we at MINI envisage electric mobility in tomorrow's world."

This is not the first electric MINI. It has been nearly ten years since they laid the foundation for developing electric mobility to production standard at the BMW Group

with the MINI E. Unveiled in 2008, the MINI E was the first all- electric car from the BMW Group to be driven by private users in everyday traffic conditions as part of an extensive field trial. Over 600 MINI E cars entered service worldwide for the field study which provided vital insights into the daily use of all- electric cars. The learnings from this trial were subsequently incorporated into the development of the BMW i3.

Then earlier this year the MINI Countryman Plug- in Hybrid was

introduced to the range. Adrian van Hooydonk, Senior Vice President BMW Group Design, "The MINI ELECTRIC CONCEPT is a quintessential MINI – compact, agile, simply the perfect companion for everyday driving. At the same time, it conveys a whole new take on the concept of sportiness."

"For aerodynamics and lightweight design aren't just important in the world of motor sport; they are also essential factors for maximising the electric range."





EVurban Outlaw

Honda has revealed an all-new electric vehicle, the Urban EV Concept which is scheduled for launch in 2019. Let's hope they don't change a single thing. All we know is that it is 100mm shorter than the Jazz supermini. Can't wait.





When you hail a taxi in Europe, it may well have a familiar shape. Here is the lowdown on the remarkable TX

Taxi Driver

Finished in traditional hearing aid beige which has always made German taxis so distinctive, suit the TX perfectly. It is also the perfect demonstration that here is a vehicle which is perfectly at home in Europe.

The all-new electric zero-emissions-capable TX showcases its eCity technology for the first time, comprising an advanced battery electric powertrain with a small petrol generator. Applied to the TX, the technology allows for a range of over 640km including well over 120km range with zero emissions for inner city operations where noise and air pollution is most acute.

eCity technology is purposefully designed for commercial operators that face demanding and unpredictable duty cycles, require complete range assurance, and demand zero-emissions capability to meet the clean air challenges of urban centres while also reducing fuel costs for operators. In addition, the TX has a range of accessibility features including side access and forward facing wheelchair capability. Thanks to the latest structural design know-how, advanced materials, passive safety systems and cutting-edge driver assistance technology, the new TX is one of the safest taxis ever.

- The TX, LEVC's new electric taxi, combines the company's extensive expertise as a manufacturer of urban commercial vehicles with proven electric vehicle technology and the latest in advanced material manufacturing.

- This combination of experience and modernity is reflected in the look of the vehicle. The instantly recognisable rectangular grille and circular headlights have been incorporated into a much more contemporary design, with daytime running lights, simplified lines, and an inset chrome frame to the grille. Similarly, the rear-hinged passenger doors with 90° opening provide a more opulent entry and exit for passengers, reminiscent of the 1930s luxury saloons that in part influenced the design of the vehicle.

- With a combined TX range of more than 640km, including well over 120km on pure electric, a driver could take passengers from London to Edinburgh or Paris without once needing to stop for fuel.

- The new taxi has been built using the latest techniques in aluminium bonding. This avoids welding or riveting – which reduces the weight of the cab, offsetting the additional weight of the battery, whilst maintaining vehicle strength.

- As well as the more premium feel,



passengers will notice less vibration and noise in the passenger cabin, alongside charging points for mobile phones, Wi-fi and additional space for six passengers.

- The cab retains its renowned disability access features. There will be a new retractable integrated ramp making it quicker and easier for passengers in wheelchairs to embark and also travel in a new forward facing position.

- Other accessibility features include induction loops for hearing aids as well as contrasting grab handles and seat edges for the partially sighted.



TOP SPEED:
112MPH

RANGE AIR : 310 MLS

RANGE LAND: 817MLS

PRICE: £520,800



FLYING CARS

Car manufacturer PAL-V has officially started the sales of its commercial models, the Liberty Pioneer and Liberty Sport. The first commercial flying car in the world is now a fact. You can order now for private flight, but delivery will be in 2018, which isn't long to wait for the future.

The PAL-V LIBERTY has been developed by using proven state-of-the-art technologies from the aerospace and automotive industries. In the air, the underlying gyroplane technology guarantees a stable flying platform that supports safe landing even in the very unlikely event of a total power failure. Which in itself is very unlikely thanks to its unique two engine propulsion solution.

A gyroplane as such is already a very safe way to fly. However by a rigid focus on flight safety PAL-V has taken it to the next level. By making small compromises on specification it created the safest gyroplane ever built. An inherent safety aspect

is that in case of bad weather conditions you can drive (part of) your journey. This does make your planning much more certain but also increases your safety options dramatically.

Safety first: in case of engine failure the gyroplane can be landed normally in a very small area equivalent to a tennis court. Landing without an engine can be done with +/- 30 km/h (18mph) ground speed on a very small spot (30 meters or 100ft). This makes emergency landing, in combination with the unique double redundant drive train of the PAL-V LIBERTY, multiple time safer than a comparable aircraft or helicopter.

The PAL-V needs a space for take-off measuring about 90-200 by 20 meters (100ft-650ft by 60ft) without surrounding obstacles. In practice all small airstrips, aerodromes, glider sites and/or ultralight airfields will suffice. The PAL-V LIBERTY can operate from either concrete or grass airstrips. As the PAL-V popularity increases, it is expected that more and more small uncontrolled airstrips will be created.

PAL-V International B.V., the company that initiated the development of the PAL-V, is located in, The Netherlands. The company was founded in 2007 to commercialize the concept.



SSANGYONG

FRANKFURT FUTURE

Andrew Elphick in costume

Andrew Elphick went to the Frankfurt motorshow, we think, and he saw all sorts of strange stuff as well as plenty of those concepts in the previous pages in the metal, or carbon fibre, or whatever they are made from...



Car Enthusiasts & Skodas



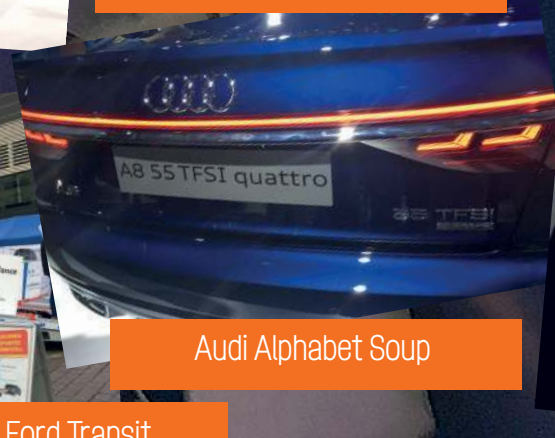
Jaguar iPace & Racer



Electric MINI



A broken Ford Transit



Audi Alphabet Soup



Best Wheel of the Show



Star of the show, a Ford Fiesta like your mum used to drive.



Your next Skoda Rapid



Scrappage in Frankfurt



1970s chic for 2017



Spare EV for the boot



Borgward with fancy doors



Borgward is back



“I AM THE STEERING WHEEL OF THE FUTURE”

The only part of a Jag you'll own is a talking steering wheel

This steering wheel concept lives in your home and becomes your trusted companion. Sayer is the first voice-activated artificial intelligence (AI) steering wheel that will be able to carry out hundreds of tasks. Sayer could signal your membership of our on-demand service club. A club which offers either sole ownership or the option of sharing the car with others in your community.

Imagine a future of autonomous, connected and electric cars where you don't own a single car, but instead call upon the vehicle of your choice where and when you need it. That's a future vision Jaguar Land Rover is exploring with Sayer, the connected steering wheel that could be the only part of the car you own.

Need to be at a meeting two hours away from home by 8am tomorrow? Simply ask Sayer from the comfort of your living room and it will work out when you get up, when a car needs to autonomously

arrive at your door and even advise which parts of the journey you might enjoy driving yourself.

A beautifully sculpted piece of art, Sayer owes its name to one of the most prominent designers from Jaguar's past, Malcolm Sayer, who worked for the British marque between 1951 and 1970.

Sayer was featured on a new Jaguar future vision concept: Jaguar 'FUTURE-TYPE' exploring mobility in 2040 and beyond.



FUTURE MOTOR QUOTES

“We have teams of people working on electric cars. So you never know - you may find Virgin competing with the Tesla in the car business as we do in the space business.”

Richard Branson

“Electric cars are coal-powered cars. Their carbon emissions can be worse than gasoline-powered cars.”

Vinod Khosla

“If everyone is moving forward together, then success takes care of itself.”

Henry Ford

“Before cars, make people”

Eiji Toyoda

“It'll be an order of magnitude safer than a person. In fact, in the distant future, I think [...] people may outlaw driving cars, because it's too dangerous. You can't have a person driving a two-ton death machine.”

Elon Musk

Toyota i-TRIL Concept



Have your say  @freecarmag1

TOP 5 USED FUTURISTS

It is just possible to buy into the future. Motor manufacturers sometimes come up with a model which is so far ahead of its time it leaves everyone confused. Indeed, it doesn't always pay to adopt a new thing too early. Better to buy these models when everyone else has ironed all the bugs out for you. Many of these futures are now classics.



CITROEN CX 1974-91

The DS may be the quirky goddess, but we rather like the CX which brightened up the '70s. Inside it was a wonderland of oddness with rotating drum instrumentation and a touch sensitive brake pedal. Obviously it looked like a spaceship on the outside, with the GTi Turbo engine and later Turbo 2 it went like one too. Safari estate, ginormous.



HONDA INSIGHT 1999-06

Here's a piece of hybrid history, the very first battery/electric powered car in the world. Not only that it looked out of this world, like a little deep space shuttle thingie. Best of all it could be persuaded to do over 80mpg. It was tuned to be hypereconomical, from the small 1.0 litre engine, narrow wheels and regenerative braking. A brilliant little package.



NSU RO 80 1967-77

The revolutionarily rotary engine could easily be over revved and that caused the tips of the rotors to wear out prematurely. NSU had to replace thousands of engines. Otherwise the R080 was brilliant. The styling still looks fresh today. Clever three speed semi-automatic transmission, front wheel drive and four wheel discs brakes.



BMW I8 2013

BMW ticked all the boxes by going for a petrol-electric plug-in hybrid engine combined with an all-wheel drive powertrain. What buyers got here is a supercar that was frugal as a hatchback. So it will get from 0-60mph in 4.5 seconds, averagely deliver 40 mpg and loads more if you let the electric motor do the work. Every thing about it is cutting edge.



JENSEN FF 1967 - 71

It might have looked like the Interceptor and it had the same huge Chrysler V8 engine, but it was even bigger. It had to be larger in order to pack in some incredibly advanced technology. Firstly it was the car to have permanent four wheel drive and anti-lock brakes. Distinguished by a brushed metal roof, bonnet bulge and dual side vents. Just 320 built.

For more used car information and buying tips go to freecarmag.com



DESIGNER 500 IN A BOUTIQUE WINDOW

T Fiat and Bulgari have entered into a prestigious partnership, which forms an integral part of Bulgari's "Roman Holiday" creative campaign, expressing the exuberant spirit and 'joie de vivre' of the two all-Italian brands.

1,600 exquisite pottery scale miniatures of the historic Fiat 500F have been produced for the campaign and will adorn the windows of around 300 Bulgari boutiques worldwide. They will be carrying "passengers" of great distinction, in the form of magnificent items of Bulgari jewellery, symbolising the finest in Italian taste and style.

The little white and gold models are reproductions of the most popular Fiat 500 of all time, the F series, built from 1965 to 1972. This model's status as a work-of-art was formally recognised as it joined the permanent collection of the Museum of Modern Art, or MoMA, in New York. It was a homage to the iconic little Fiat 500, which celebrates its 60th birthday this year and is a symbol of Italian creativity, capable of inspiring artists and designers all around the world. There will be 1,600 examples of these models in the windows of the firm's 300 boutiques around the world as part of its "Roman Holiday" creative campaign.



Ted Baker

Dress and everyday watches from no ordinary designer at just £135-£145. There is no shortage of styles and colours www.tedbaker.com



THE PHILIP K DICK COLLECTION £65.77

Here are 13 of PKD's novels, a third of his work, and they are some of his best; including the story that brought us BladeRunner, that is Do Androids Dream of Electric Sheep which is in Volume 1. Volume 3 has the later novels. These are all worth reading because you will discover that he is a properly deep writer and often the films trivialise, or over CGI his stories, so treat yourself to this remarkable collection. www.wordery.com



BLADE RUNNER - VANGELIS CD FROM £10.76

If you love the original film, you will adore the soundtrack by the brilliant king of synth, Vangelis. Some might say you need the visuals, we say, just shut your eyes and leave the rest to your imagination. Essentially this is music to drive a flying car by. There are lots of options from an old CD, to streaming, downloads and even some proper collector vinyl

www.ebay.co.uk



THE MAN IN HIGH CASTLE FROM AMAZON PRIME

This series, loosely based Philip K. Dick's novel of the same name, takes a look at what the world might look like if the Nazis had won. Despite the oppression, a new hope emerges when films turn up that seem to show a different world. A woman believes the films contain the key to freedom and is determined to find their mysterious guardian.

www.amazon.co.uk



Can't Buy Now

AVAILABLE:
SOLD OUT
PRICE FROM:
£29,995



Caterham Seven limited edition retro racer

SUPER SPRINT

Just 60 examples are destined for the European market. Offering the ultimate in gentleman racer style, alongside the hearty power of its 95bhp Caterham Works Racing-tuned, three cylinder engine, the Seven SuperSprint is as at home on the road as it is on the circuit.

A unique Brooklands windscreen, quilted and stitched seats trimmed in Innes tan Scottish Muirhead leather, a wooden-rimmed sports steering wheel, and 1960s-style racing livery ensures that the driving experience is nothing short of sepia-toned race nostalgia.

The Seven SuperSprint is available in six paint schemes, all featuring their own signature colour and named after classic race circuits including Aintree (green with orange noseband), Hockenheim (silver with red noseband) and Imola (red with white noseband). Caterham has also created a single-seater option, which comes complete with a tonneau cover for serious weight saving racers. Oh and by the way, it sold out in 6 days...



UPMARKET EXPLORER



Jack Jarmoszko enjoys hiking expeditions. Vehicle must have decent boot space and quality finish inside. Has £20K to spend.



A CAR FOR THE HEAD AUDI Q5

It seems that Jack is going to need a four-wheel drive and to quote him, 'German build quality' especially inside. Indeed, the best interiors for some time have been made by Audi. The Q5 is a very capable SUV. There is the option of the more estate like Audi Allroad. Which is an estate car with a four-wheel drive system rather than being a true off roader. The Q5 wins because it looks cooler and £20K will buy a 2011 2.0 TDi 143 Quattro SE with 50,000 miles, one owner and history for £16,700.



A CAR FOR THE HEART VOLKSWAGEN TIGUAN

Jack may not need a full on 4 x 4, some four wheel drive ability will be useful but not in the usual extra large package. The Volkswagen Tiguan is worth investigating as a German compact soft roader, which drives just like a car. Indeed, it is a bit like a 4 x 4 Golf, but has a useful amount of flexibility as the rear seat slides to increase the amount of boot space. A 2014 2.0 TDi Blue Motion Tech Match which will average 48mpg, cost £14,270 and have just 14,000 miles on the clock.



Super Stylish SUV out now



AVAILABLE:
NOW
PRICE FROM:
£33,990

ALFA ROMEO STELVIO

Four trim levels are available including Alfa Romeo Stelvio, Super, Speciale and the limited production Milano Edizione. There are two engine versions – 2.2-litre 210hp diesel Q4 AWD and 2.0-litre 280hp petrol Q4 AWD – combined with an ZF eight-speed automatic transmission as standard. The entry trim level 'Stelvio' includes 17-inch 10-spoke alloy wheels, LED rear lights and a double lateral chrome exhaust pipe. Inside, the cabin is dual-zone climate control, Alfa™ D.N.A. rotary driving mode selector, a 3.5-inch TFT colour cluster instrument panel, UConnect™ 8.8-inch display infotainment system with DAB plus Bluetooth/AUX multimedia connectivity and two front and two rear USB ports.

AVAILABLE:
NOW
PRICE:
£17,595
£19,845 (HYBRID)

Toyota's funky town centre assault vehicle in yellow



YARIS YELLOW EDITION BI-TONE

This is the first Yaris to be offered with a Yellow Burst paint finish, matched with a bi-tone black roof and front pillar treatment, rear privacy glass and a gloss black treatment for the front grille and side sills. It looks super sharp with a new front end and a set of distinctive black and silver 16-inch alloy wheels. Customers can choose between Toyota's all-new 1.5-litre VVT-iE petrol unit and the 1.5-litre petrol-electric hybrid. Toyota Touch 2 touchscreen-controlled multimedia system, DAB reception, cruise control which all makes bombing around the town or country rather fun, plus everyone will see you coming.

Jasmine Nair loves her Volkswagen Polo but her family is growing. She has a large budget, so what would we recommend?



A CAR FOR THE HEAD VOLKSWAGEN GOLF PLUS

It seems a bit ambitious to go from a relatively small two-door car to a full-blown people carrier, but children do come with an awful lot of baggage. So more space will be definitely be needed especially if friends and relatives want to come along too. I do think that a full people carrier could be a model too far. One possibility would be a Golf Plus. It is not just a giant Polo, it is a slightly larger Golf. A 2010 1.6 TDI S with 33,000 miles for just £6490 is a bargain.

A CAR FOR THE HEART CITROËN GRAND C4 PICASSO

Jasmine should also consider the Citroën Grand C4 Picasso is a well thought out and very comfortable 7 seater. The rear seats are individual and all slide so getting the kiddies sorted out is not a problem at all and is effectively future proofed. On the road it is very smooth and not sporty which is for a family is actually quite a good thing. A one owner, full service history 2011 eHDi VTR+ with 50,000 mile example is £7,000. An automatic gearbox makes family life easier.

STOP GAP

FREE CAR MAG
CAN ANSWER
YOUR CAR
CHOICE
QUESTION

Alison Stuart needs a car for a year while she is based in the UK. She has £2000 to spend.



A CAR FOR THE HEAD FORD MONDEO

The safest route would be to go to a car dealer for a warranty. I would also recommend going for a car that is widely available and therefore good value to buy, own, run and resell. For that reason the Ford Mondeo would make an excellent, safe, spacious and affordable family car. Even better there are plenty to choose from at dealers and used car supermarkets. We found a 2008 2.0 Zetec TDCI with 112,000 miles and just two previous owners on sale at £2495 with a comprehensive warranty.

A CAR FOR THE HEART SAAB 9-5 ESTATE

Alison has been offered a Saab 9-5 estate and a Renault Scenic, each for £2000. I would not recommend the Scenic, but a well looked after Saab should be excellent. There is lots of room inside a 9-5 for both front and rear passengers. All that goes together well with the very smooth ride, which refuses to be upset, whatever the road conditions. The boot is large and there is plenty of room for a family of four. We found a 2005 2.2 TiD Linear Sport with an automatic gearbox and inclusive labour warranty for £1795.

SUNDAYS ON
CHANNEL 4
AT 9PM AND
ALL4



FUTURISTIC TALES

ELECTRIC DREAMS

Electric Dreams is a sci-fi anthology series of ten epic, ambitious and moving standalone episodes, each set in a different and unique world – some which lie in the far reaches of the universe and time and others which are much, much closer to home. While the stories may be worlds apart, central to each is the poignant and warm exploration of the importance and significance of humanity. Each episode is inspired by one of Philip K. Dick's renowned short stories and has been adapted by an incredible line up of leading British and American writers and directors. The series also features an all-star roster of cast who head up this thrilling, audacious and emotional journey into the far reaches of imagination.

What caught the free Car Mag imagination and kept us awake at night was the utterly awesome Ford Consul GT featured in the episode The Hood Maker. Students of famous cars on telly will know that this was the model as featured in The Sweeney. The Hood Maker is set in an analogue world, hence the wonderful Ford Consul GT where the Teeps: a race with the power of telepathy are feared and revered in equal measure. Find out more on All 4 and the other brilliant stories from the mind of Phillip.K.Dick.





WATCH
ON
ALL 4

A YEAR ON THE FARM

Farms occupy two-thirds of the land in Britain but the farming culture and way of life are little known about by the UK's urban population. As well as market challenges farmers face, there are other threats to their livelihood and livestock such as the outbreak of disease that would destroy a farm to a snow storm that could kill hundreds of sheep. There's a lot that could go very wrong, very quickly and have devastating effects. At Free Car Mag we are always looking at the machinery and were pleased to spot several Land Rover Defenders.



All Star
Driving
School E4
Mondays
7.30pm.

ALL STAR DRIVING SCHOOL

Celebrity learners are paired up with instructors and unleashed onto the roads of Essex to embark on an intensive driving course, hoping to pass their tests at the end of one week. We did struggle to spot a celebrity, there is someone from the Vamps, Chelsea and First Dates. We rather like the Suzuki Ignites they use. In Episode 3 the celeb learner drivers try to nail their manoeuvres. Paisley's about to lose it with instructor Ricky, Connor aims to conquer his fear of lorries and CiCi goes back to where she was three days ago!. Then in the next episode the celebs have a mock driving test and assess their reflexes in the treacherous multi-hazard car park, where they have to dodge any dangers that cross their paths. CiCi encounters a back-seat driver. And so on.



FIND IT ON
ALL4

OUR HERO TAKES ON THE TOUGHEST JOB

GUY MARTIN

Guy takes on the most coveted job in automotive engineering - being given unprecedented access and working as part of an elite Formula 1 pit crew. As usual he'll be going in at the deep end - at the Belgian Grand Prix in Spa, over the August bank holiday with Williams Martini Racing.

Ahead of this, Guy will join one of the world's leading Formula 1 teams, Williams Martini Racing, at the team's UK factory, where the chief mechanic will run him through the major tasks he'll be expected to perform during the race weekend. The driver's race is in the mechanics' hands, so practice is essential. If Guy doesn't make the grade he'll be pulled off the project immediately.

During the race weekend Guy will be tasked with setting up the pit garage, assisting with building the multi-million dollar car, and will participate in two 90 minute practice sessions on Friday, a further hour practice session on Saturday, the three stage qualification process and the race itself. The pit crew look after both of Williams' drivers - Brazilian veteran Felipe Massa and Canadian newcomer Lance Stroll - and every pitstop is crucial - he is going to be working with the fastest team in the business.

After the race, as the drivers head for the nearest airport, a whole new day of work begins for the mechanics. It takes at least 10 hours to strip the cars, take down the pit box, and pack everything away ready to be transported to the next race. Guy will, of course, stay to the end.



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IN CINEMAS
NOW



ROUGH NITE

In *Rough Night*, an edgy comedy, five best friends from college (played by Scarlett Johansson, Kate McKinnon, Jillian Bell, Ilana Glazer, and Zoë Kravitz) reunite 10 years later for a wild bachelorette weekend in Miami. Their hard partying takes a hilariously dark turn when they accidentally kill a male stripper. Amidst the craziness of trying to figure out what to do, their night takes some hilariously unexpected turns, ultimately bringing them closer together when it matters most. They are in cars some of the time.



CHANNEL 4
3PM

FIND IT FIX IT FLOG IT

Henry Cole and Simon O'Brien travel across the UK to find unique items lost in people's homes to fix up for a profit. We really like this programme, it reminds us of how we run our Free Car Mag lives, buying random rubbish then selling it on an online auction site. In the first episode they unearth a church pew, create a fish tank from scrap and uncover a very special petrol tank. Then the boys are in East Sussex and Hertfordshire, with finds including a Victorian egg incubator. There are 21 astounding episodes in all and we think that you should enjoy every single one.

FCM 53

So far, all we have is a very disinterested Rihanna perched on a motorbike promoting trainers for Puma. There will though be a whole swathe of watches which you might want to buy yourself for Christmas, which isn't that far away. There may also be Land Rovers. See you then.



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SPENCER HAZE

'80s and '90s Classics offer proper variety, enjoy...

SCRIBBLED BY
JAMES RUPPERT

THE GREAT THING IS ABOUT THE GROWING NUMBER OF '80S AND '90S CLASSICS IS THAT THERE ARE LOADS TO CHOOSE AND THEY ARE STILL AFFORDABLE. WELL A GOOD VOLKSWAGEN GOLF CONVERTIBLE IS THE CLASSY WAY TO GO ABOUT YOUR BUSINESS.

ON THE RIGHT IS THE ORIGINAL TOYOTA MR2 WHICH IS LIGHT, FUN AND A LAUGH TO DRIVE. BECOMING VERY RARE AND LIKE ALL THE CARS ON THIS PAGE PRONE TO BE GOBBLER UP BY RUST.

ON THE RIGHT IS THE SO CALLED CLASSIC RANGE ROVER. EARLY TWO DOORS COST A FORTUNE, BUT THE LATER 3-9 SEI VOGUE ARE CERTAINLY WORTH FINDING AND LOOKING AFTER.

ABOVE IS THE BMW 3 SERIES THE E36. THE NEXT MODEL TO GET THE CLASSIC TREATMENT, BUT STILL EASY TO BUY PROVIDED THAT IT ISN'T AN M3. GOOD TO DRIVE AND THE SIX CYLINDER MODELS MAKE A WONDERFUL NOISE, GET SE SPECIFICATION AT LEAST.

THE MAZDA MX-5 IS THE DEFAULT ROADSTER BUY AND IN ITS PUREST MARK 1 ONE FORM WITH POP-UP HEADLAMPS IT HAS NEVER BEEN BETTERED. JAPANESE BUNDS IMPORTS OFFER ODDITIES LIKE AUTOMATIC GEARBOXES.

SPENCER HAZE
STAR RATING

GOLF ***
3 SERIES ***
MR2 ****
MX-5 ****
RANGE ROVER ****

FOLLOW SPENCER HAZE'S ADVENTURES AT THE FREE CAR MAG.COM WEBSITE...HE'S FROM 1973 AND SEEMS TO HAVE TIME TRAVELLED TO THE YEAR 2000 BEFORE MAKING IT TO 2017. CONFUSED? WELL THERE ARE CARS, FIGHTS & FUN WITH A RETRO TWIST.



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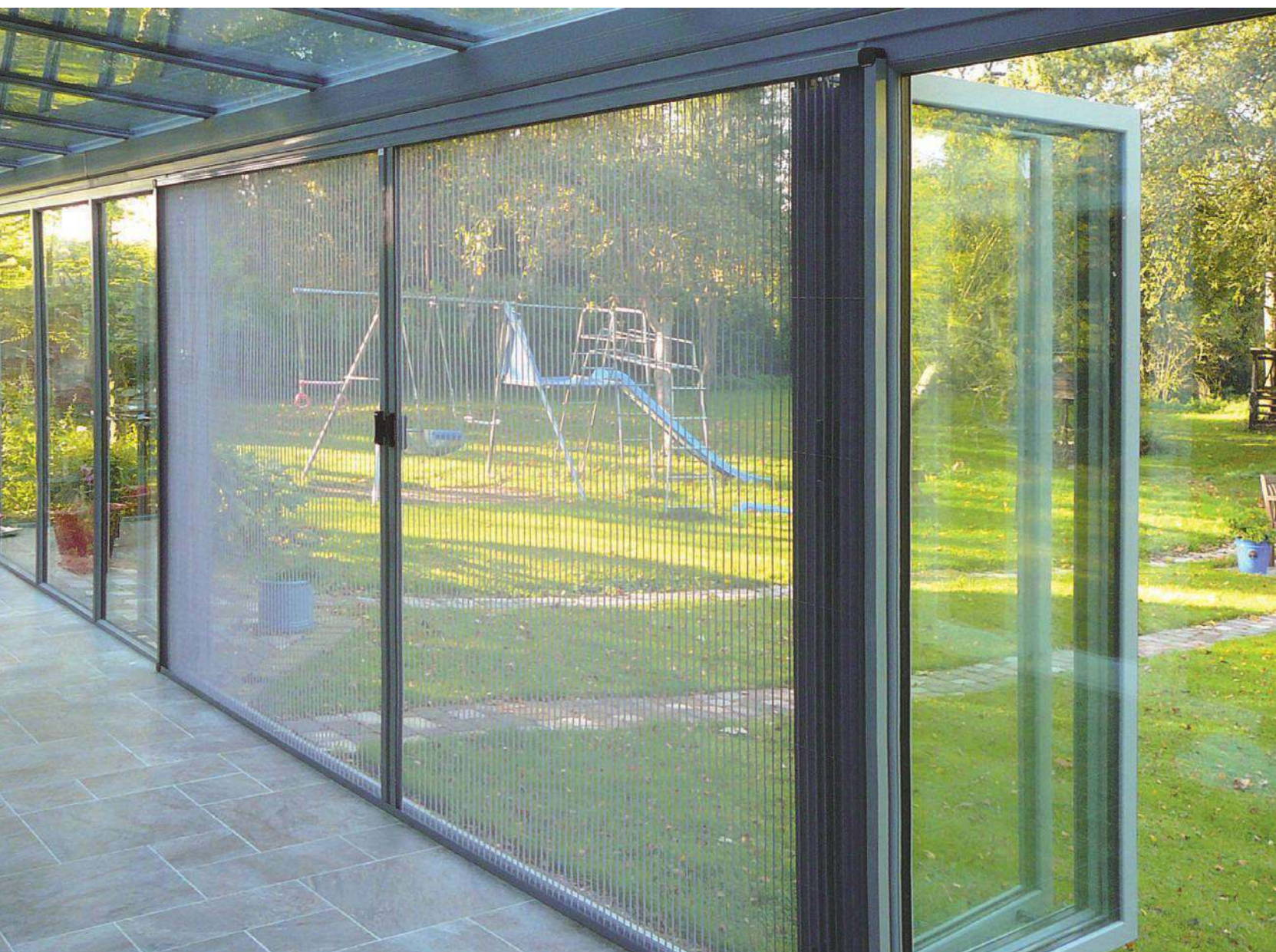
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