CRAFTING THE WORLD'S FINEST SCALE MODELS



SPARK

ISSUE 10



MOVIE MEMORABILIA COLLECTOR

From Transformers to Star Wars

ALSO INSIDE!

BRAIN TEASER

Put your mind to the test with our quiz

WORKSHOP WONDERS

Quality garage equipment and tools

DETAILING TIPS

Insights from the Car Gods detailing guru

THAT'S A WRAP

EXCLUSIVE INTERVIEW WITH

Yianni

LIFESTYLE MAGAZINE FOR GARAGES IN ASSOCIATION WITH SPARTAN MOTOR FACTORS

Carlube

TRIPLE R

NEW TO RANGE

Fully Synthetic Oils

0W-20

R-TEC 45



Industry & Manufacturer Approvals

- ACEA C5
- AP SN/CF
- PSA B71 2010
- FIAT 9.55535-DM1

5W-30 C2/C3

R-TEC 44



Industry & Manufacturer Approvals

- Mercedes Benz 229.31/229.51
- BMW Long Life-04
- General Motors Dexos 2

MANUFACTURER APPROVED OILS AVAILABLE AT SPARTAN MOTOR FACTORS

WELCOME

I'LL BE BACK! Well yes, SPARK Magazine is back and in true Terminator style – with a bang, as we expand on the 'Collectors Corner' feature from Issue 9 to bring you memorabilia, props, and collectables from the world of film. We find true artists that design and build to-scale replicas of the likes of Bumblebee from The Transformers made out of car parts, to realistic looking sword props for films like The Barbarian.

You'll find a host of car articles from concept cars to convertible classics for any budget. We get up close and personal with the newly launched BMW M5, highlight some of the best garage equipment and part suppliers available from your local Spartan Motor Factor, and look at how car interiors have evolved over the years.

We also test your brainpower with our fun quiz based on the popular TV game show The 1% Club, hit your taste buds with some incredible tips for the best family barbeque, and check out some of the must-have gadgets on the market right now.

So, sit back, put your feet up and immerse yourself in this latest issue of your SPARK Magazine.

SPARTAN MOTOR FACTORS

CAT AWARDS 2024

WINNER
FACTOR CHAIN OF THE YEAR

EDITOR
Chris Chaplin

GRAPHIC DESIGNERS
Aarti Patel
Rachel Platts

CONTENT SUPPORT
Sarah Gunning
Robert Bayley
Rhys Clough
Tom Alderson



Movie Memorabilia
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TJ FILTERS

TJ Filter Competition Winner
Euro Fit Garages in Cannock
Prize presented by Jack Lewis
Spartan Cannock Branch Manager

collector's corner

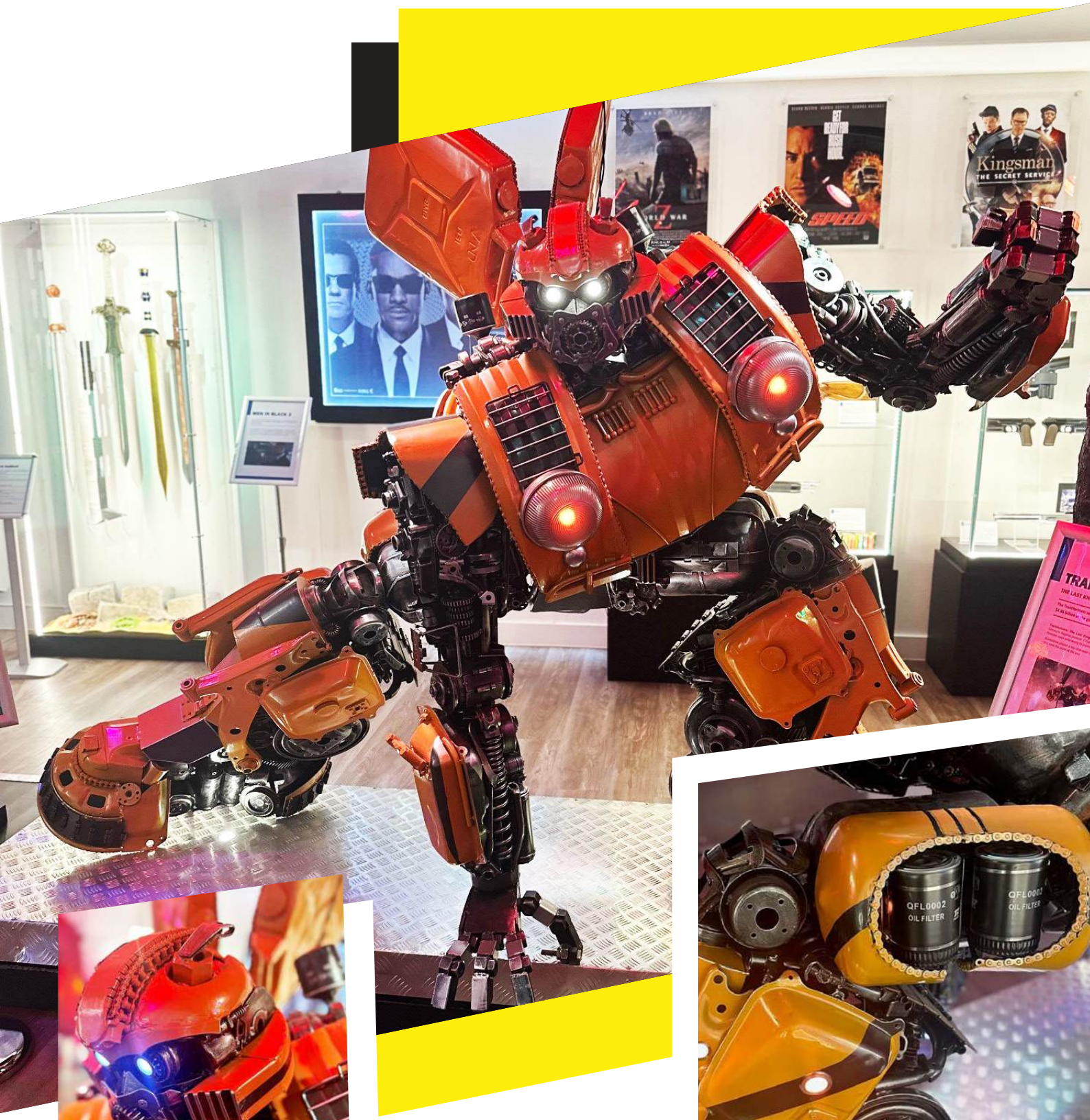
MOVIE MEMORABILIA EDITION

WELCOME to the second feature of the 'Collector's Corner' where at SPARK we delve in to an avid collectors' movie memorabilia, look at film material that fetched obscene bids at auction, and what items can be picked up at auctions if you're keen to get involved yourself.

Let's start with the movie memorabilia collector, who has a wide range of interests when it comes to films. The collection is impressive and makes for a dream display for any film buff including items from movie premiers, cinema posters, actual props and costumes used by actors in the films, plus fun items from animated films too. The collectors' memorabilia are displayed immaculately in glass cases or with cinematic backdrops to elevate the pieces even more.

"When I see something of quality, whether I've seen the film or not, I'm like a kid in a sweet shop and know it would look amazing in my collection."





Bumblebee Transformers

Bumblebee is the centre of its own film but also one of the most iconic Autobots from the Transformer franchise. Made of car parts, cogs and bolts, this impressive scale model of Bumblebee was designed and built by an artist in Liverpool called Metal Art Production. Commissioned by the collector – if you look closely, it features a few QH car parts! Available from Spartan.



Gollum
Lord of the Rings

This model of Gollum was used at the London premier of the first Lord of the Rings film, The Fellowship of the Ring. The Lord of the Rings is a film series of three epic fantasy adventure films based upon the novel written by JRR Tolkein. Set in the fictional world of Middle-earth, the films follow the hobbit Frodo Baggins as he embarks on an epic quest to destroy the One Ring alongside his loyal companion Sam and the treacherous Gollum. The rock you see him sat on is made from our Tetrion body filler which has been moulded and painted to give a rock-like appearance. The murky waters are made from resin.



'Po' Life-size Prop Kung Fu Panda

This model of Po is a typical example of the props for red carpet movie launch events. This full-size display is imposing and characterful positioned in this pose. The Kung Fu Panda series follows the story of Po who is unexpectedly chosen to fulfil an ancient prophecy and joins the world of kung fu. Po is voiced by Jack Black, alongside Dustin Hoffman, Angelina Jolie, Jackie Chan, Seth Rogen and Lucy Liu who voice the other characters. The first film grossed over $630 million globally and the franchise has grossed over $2 billion in the global box office.



Movie Sword Collection

(From right to left)

(Maximus' Sword - Gladiator (2000), Uruk-Hai – The Lord of the Rings (2001), Atlantean Sword – Conan the Barbarian (1982), Egyptian Sword – The Mummy (1999), Emperor Han's Sword – The Mummy (2008)



Turbo The Movie

This model of Turbo was a display at Comic Con following the release of Turbo movie in 2013 and was purchased by the collector. The huge display sees the eyes and shell of the snail light up in neon bue as Turbo did in the animated hit. The film follows the story of an ordinary garden snail who dreams of becoming the worlds fastest. The film stars the voices of Ryan Reynolds, Paul Giamatti, Snoop Dogg, Michelle Rodriguez and Samuel L. Jackson.



Terminator Rise of the Machines

This towering, menacing, and realistic looking Arnold Schwarzenegger as the Terminator was purchased by the collector, but they created the backdrop to make the display more relatable to the movie. Terminator 3: Rise of the Machines is the third instalment of the Terminator film series starring Arnold Schwarzenegger, Nick Stahl, Claire Danes and Kristanna Loken.



Synth Police Robot
Total Recall

Here is a life-size figure of a synth police robot from Len Wiseman's sci-fi action remake of Total Recall. The collector purchased this at the Prop Store auction in 2020.

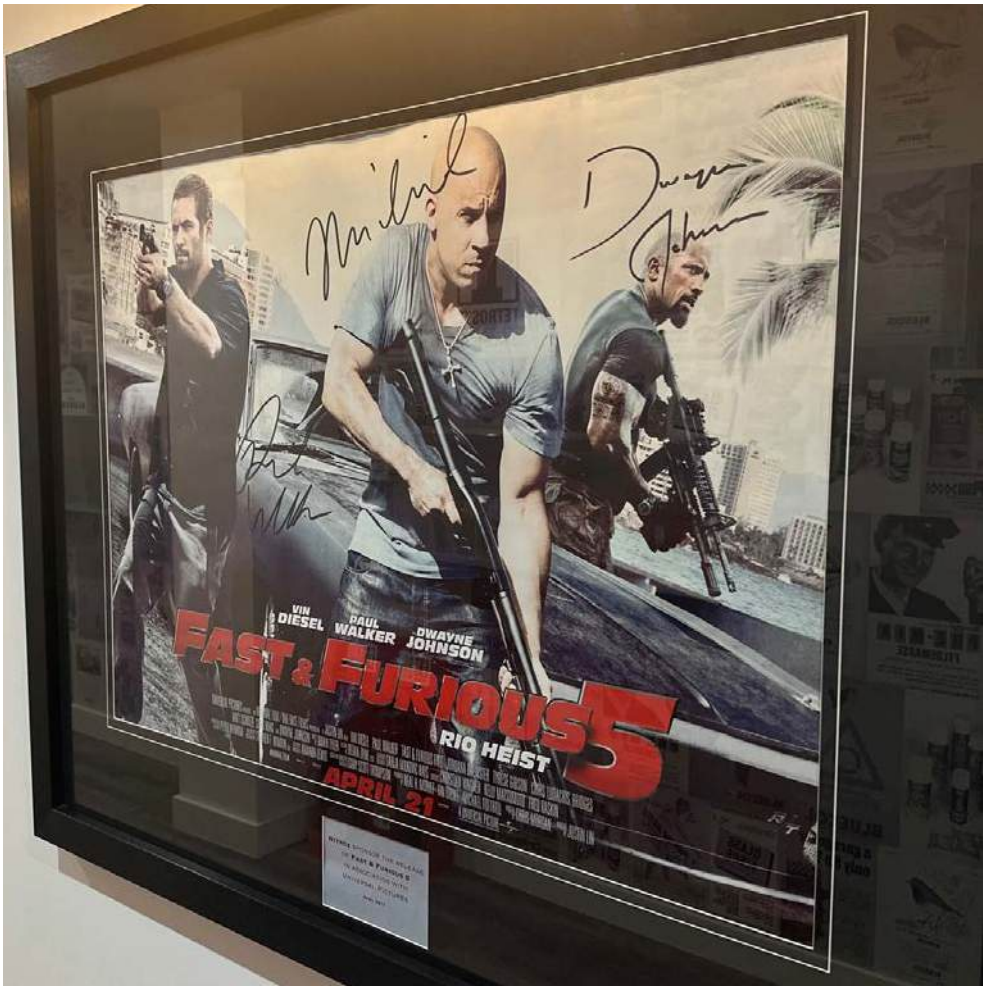
The remake follows the story of factory worker, Douglas Quaid, who finds himself on the run after discovering he is a spy. These robots were used to police the territories of the United Federation of Britain and the Colony, and thousands were used later in the film by Cohaagen as a colony-invading army. The film has an all-star cast, including Colin Farrell, Kate Beckinsale, Jessica Biel and Bryan Cranston, to name just a few! The robot is wearing a full suit, the majority of this is made of resin and hand painted. The jumpsuit is made from elasticated black fabric and has white painted sections to replicate the appearance of mechanical components which were enhanced with CGI in the finished film.



Captain Phasma
Star Wars

This life size figure of Captain Phasma was originally used by Disney as a promotional item and later displayed in Galeries Lafayette in Paris during the festive period of 2015 before being purchased in an auction by the collector. The display shows the First Order captain dressed in her distinctive silver-coloured chrome armour (made of fibreglass) and holding a resin F-11D blaster rifle which features a faux scope. Star Wars: The Force Awakens, is the seventh film in the Star Wars series released in 2015 and directed by JJ Abrams. Captain Phasma is the commander of the First Order's force of stormtroopers, portrayed by English actress Gwendoline Christie, who you may recognise from Game of Thrones.





Vin Diesel T-Shirt Fast & Furious 5

Here you can see the t-shirt worn by Vin Diesel in the film, along with the certificate of authenticity. In 2011, Nitrox Fuel Additives teamed up with Universal Pictures for the release of Fast and Furious Five. The fifth instalment in the multibillion-dollar franchise went back to its roots by welcoming back characters from the original. The film had an all-star cast including Vin Diesel, the late Paul Walker, Jordana Brewster and Dwayne "The Rock" Johnson.



Kingsman The Secret Service

The collector has a full-size 'Kingsman' film poster signed by Colin Firth, Taron Egerton, Samuel L. Jackson, Sofia Boutella and Sophie Cookson. There's also a pair of stunt pistols and a back holster which were carried by Kingsman agents including Eggsy and Galahad throughout the film. These pistols are modified versions of Tokarev TT-30s with an added under-barrel 20-gauge shotgun attachment. The pair are a foam rubber stunt version and are hand painted and show wear as they were used in film production.

Memorabilia for Any Budget!

Fancy starting your own collection?...



Star Wars: Imperial Shuttle Vehicle - Created by Kenner in 1983 this action figure even has the price sticker partially visible on the side. Estimate bid: £450-600.



We even found the **'Spartan' Dilios (David Wenham) Stunt Helmet** from Zack Synder's action epic film 300. Estimate: £2,500 - £4,000.

"Show Me the Money"

Check out these movie pieces that sold for eye-watering amounts of money at Prop Store auctions!...

Screen-matched ILM Red Leader **X-wing Model Miniature** sold for just under **$2.4m.**



Indiana Jones' Signature Fedora from the Raiders of the Lost Ark sold for just short of **£394,000.**



Joe Dante's **Gremlin Foam Hand Puppet** moulded in the shape of the upper body sold for **$94,000.**



Screen-matched Tantive IV **Stormtrooper Helmet** sold for **$220,000.**



Styrofoam **Hoverboard** carried by Michael J. Fox in Back to the Future II sold for **£375,000.**



Obi-Wan Kenobi **Hero Lightsaber** gifted by the film's producers to celebrated stunt coordinator Nick Gillard sold for **£150,000** in 2020.



Screen-Matched Meaning

The term "screen-matched" is used to describe a piece of memorabilia such as a prop or a costume from a particular film that can be clearly identified in the finished film.

Authenticity is Key

Authenticity is the defining collectable element for original film props and costumes. The collector has purchased items from the likes of Prop Store that pride themselves on identifying pieces of authenticity with certification and guarantee.



Rocky IV Boxing Trunks Autographed in black ink by Sylvester Stallone, Dolph Lundgren and Carl Weathers. Lundgren and Weathers also wrote "I Must Break You" and "Ding Ding" respectively. Estimate: £1,000 - £1,500.



James Bond: Spectre Ring from Terence Young's Bond movie Thunderball. Estimate: £10,000 - £15,000.

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Bubble Baby, a collection of car air fresheners that bring a touch of artistry and personality to your driving experience.

Bubble Baby air fresheners are designed by the talented Simone Schofield. Simone's early work spans a variety of mediums and themes, from nature to profound subjects like grief and loss. In her recent creations, she combines Minimalist and Pop Art traditions, sculpting, painting, and casting with vibrant, mouth-watering colours. Available from your local Spartan Motor Factors.

MEET THE BABIES

Charlie Cherry



Charlie is a cheeky chappy, who loves to make people laugh with his silly jokes, his favourite food is cherry pie.

Billy Berry



Billy loves football, he plays for his local team Bubbletown United. His favourite food is anything healthy like fruit and vegetables.

Lucy Lemon



Lucy is the luckiest lady around. She always manages to avoid incidents and accidents. Her favourite food is citrus fruit.

Maddy Mint



Maddy is a gardener she loves everything green, in particular mint, mint tea, mint chocolate, mint gum, mint sauce... Her favourite food is all of the above.

Isla Ice



Isla is an ice skater. She loves nothing more than pirouetting along the smooth clear ice. Her favourite food is ice lollies.

Olly Ocean



Olly is a lover of all things beachy. The sea, the sand, the sun, the serenity. He loves to surf, and his favourite food is anything BBQ'd!

FULL RANGE



HANGING



Bubble Baby Carded Membrane Air Fresheners are fun, bright and eye-catching, and can be easily hung up from the rear-view mirror.



VENT CLIP OR HANGING



Bubble Baby 3D Air Fresheners are fun, bright and eye-catching, and can be used two different ways. They can either be hung up from the rear-view mirror or clipped on to the air vent using the clip provided.



CUP HOLDER



Bubble Baby Organic Tubs are the perfect size for cup holders. The organic fragranced materials provide a long-lasting scent, where the intensity of the fragrance released can be fully controlled with the innovative sliding cover.

BBQ

There's no better feeling than firing up the barbecue for family and friends. Here at SPARK we've concocted the best recipes to wow your guests...











Chimichurri – an ideal sauce to accompany steak and super simple to make. Finely chop parsley, garlic, shallot and chilli. Add to oil and red wine vinegar, allow 20 mins for flavours to meld.

Steak – a good quality rib-eye or t-bone steak sliced and placed in the centre of a table to share is a must-have staple of any BBQ. Season and sear for 12-15 minutes, turning about 1 minute before the halfway point, for medium rare.

King Prawns – marinate the prawns ideally in the fridge overnight in olive oil, garlic, chilli, lemon juice and parsley. Place on the BBQ for 4-5 minutes each side and finish with a squeeze of lemon.

Pork or chicken skewers – dice your chosen meat, marinate in a combination of olive oil, honey, garlic and soy sauce. Using metal skewers space the meat with peppers and mushrooms or any other vegetables you wish.

Belters





Seabass – a grill basket will help create a charred finish but also hold the fish together as you BBQ. Simply baste with oil before you cook and serve with a wedge of lemon.

Sausages – local butchers have a fantastic variety of high quality sausages. For an added depth of flavour rub the sausages with wild rosemary.

Ribs – marinate the ribs in a barbecue sauce overnight and continue to coat with the sticky sauce as they are cooked over the heat.

PERFECT SIDES

Greek Salad - a simple but truly perfect salad for any BBQ dish. Feta along with ripe tomatoes, cucumber, onion, black olives, and an olive oil and balsamic vinegar dressing seasoned well.



Corn – either whole corn on the cobs or slice the cob into smaller sections — salt and place in silver foil on the BBQ. For the last minute or so take the cobs from the foil and char on all sides before plating with butter on the side.



Charred veg – the easiest way to add vegetables to the table is to place them on a skewer. Use a variety of vegetables from onion, pepper and tomatoes, to mushrooms, courgettes and even halloumi cheese.



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27.TUB.01

MAIN APPLICATIONS

Fiat 500
500 Cabrio 1.0 hybrid

PLUS

+ Up to 50% cartridge weight reduction
+ Lower emissions and fuel consumption
+ Cartridge in FORMULA UFI.EXTREME
+ Simple service operations

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UFI Filters recommends changing your car's cabin air filter **once a year, or every 15,000 km** with a premium product such as **UFI Filters ARGENTIUM**. UFI Filters ARGENTIUM, thanks to its antimicrobial properties, maintains its efficiency over time. **UFI Filters ARGENTIUM range** of cabin air filters includes **159 codes** in the catalogue and is easily recognisable by its characteristic blue colouring, distinguishing it from other products in the catalogue with **the initial code 34**.



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THE EVOLUTION OF CAR INTERIORS OVER THE LAST DECADE

OVER THE PAST DECADE, the evolution of car interiors has been nothing short of revolutionary. What was once a simple cockpit designed to house basic controls and a radio has transformed into an advanced, tech-savvy environment that resembles a futuristic living room more than the interior of a vehicle. As we dive into the changes, it's clear that this transformation is driven by rapid technological advancements, changing consumer expectations, and a greater emphasis on sustainability.







TECHNOLOGICAL INTEGRATION: THE DIGITAL REVOLUTION

The most significant change in car interiors over the last ten years has been the integration of advanced technology. The days of simple dashboards and analogue controls are long gone. Modern vehicles now boast expansive digital displays, touchscreens, and voice-activated controls that make driving a seamless and intuitive experience.

Central to this digital revolution is the infotainment system. What began as basic radio and CD players has evolved into complex, interconnected systems offering navigation, music streaming, real-time traffic updates, and integration with smartphones. Apple CarPlay and Android Auto have become standard features, allowing drivers to mirror their phone's interface on the car's display, ensuring that their digital life is always within reach.

Advanced driver-assistance systems (ADAS) have also become a staple in modern cars. Features such as adaptive cruise control, lane-keeping assist, and automated parking have transformed the driving experience, making it safer and more convenient. The interior of today's cars is designed to support these technologies, with strategically placed sensors, cameras, and controls that prioritise ease of use and driver awareness.

LUXURY REDIFINED: COMFORT & CUSTOMISATION

Another notable trend is the elevation of comfort and luxury. Manufacturers are increasingly focusing on creating a premium experience, even in non-luxury segments. High-quality materials like leather, wood, and metal are now common, and attention to detail in design and craftsmanship is evident.

Seats have undergone a significant transformation as well. Ergonomics, adjustability, and climate control have become key selling points. Heated and ventilated seats, massaging functions, and memory settings are no longer exclusive to high-end models. Even mid-range cars offer these features, catering to a broader audience that expects comfort on par with what was previously only found in luxury vehicles.

Customisation has also become a key focus. Car buyers can now choose from a wide range of interior colours, materials, and trims to tailor the interior to their tastes. Ambient lighting options, personalised displays, and unique stitching patterns allow for a highly individualised driving environment.





SUSTAINABILITY: THE GREEN INTERIOR

As the automotive industry moves towards sustainability, car interiors have not been left behind. Eco-friendly materials are increasingly being used to reduce the environmental impact of vehicle production. Recycled plastics, natural fibres, and vegan leather are becoming popular alternatives to traditional materials.

Companies like Tesla have led the charge by eliminating leather altogether from their interiors, setting a new standard for eco-conscious design. The Skoda Enyak iV uses recycled plastic bottles to make their interior.

Moreover, energy efficiency extends to the interior systems themselves. Modern climate control systems are designed to be more energy-efficient, contributing to the overall reduction in a vehicle's carbon footprint. Advanced insulation techniques and the use of sustainable materials also help in maintaining cabin temperature, reducing the need for excessive heating or cooling.

THE FUTURE: AUTONOMOUS & CONNECTED

Looking ahead, the evolution of car interiors is set to continue at a rapid pace. The advent of autonomous driving technology will further transform the interior space. Without the need for traditional controls, interiors can be redesigned to offer a more lounge-like experience. Rotating seats, retractable steering wheels, and modular layouts will allow passengers to make the most of their time on the road, whether for work, relaxation, or entertainment.

Connectivity will play a crucial role as well. As vehicles become extensions of our digital lives, the interior will serve as a hub for connectivity, integrating seamlessly with our devices and smart home systems. The car of the future will not just be a mode of transport but a fully connected mobile living space.

The evolution of car interiors over the past decade reflects broader trends in technology, luxury, and sustainability. As we move forward, the pace of change is likely to accelerate, promising even more exciting developments.
The car interior is no longer just about getting from point A to point B; it is about enhancing the journey, providing comfort, connectivity, and a glimpse into a sustainable future.

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Part No: TD110



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This racing jack features a durable aluminum construction, making it both strong and lightweight. Its sturdy design allows it to lift vehicles weighing up to 1500kg (3307 lbs), making it suitable for a wide range of cars, trucks, and SUVs.

Part No: TTARJ



SPARTAN MOTOR FACTORS

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Gysmatic 9/13G Air XL

The GYSMATIC AIR-FED 9/13 XL TC WELDING HELMET is equipped with an air-purifying, respiratory-protection system to assist in air ventilation. This 2-in-1 machine protects the eyes from IR/UV light duringwelding operations and protects the user's respiratory tract.

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- 1200w (1.6hp) 2-Stage Motor with Bypass Cooling
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- Upholstery Cleaning Head with 2 Metre Hose

Part No: 07928



Belt Drive Compressor

SIP BD3HP 100L

Built for everyday use, this high performance compressor features a larger pump which fills the receiver quicker. This delivers 14CFM piston displacement resulting in 10CFM Free Air Delivery (FAD) for a consistent air supply ideal for pneumatic air tools and air equipment.

- Wheel Mounted with U-Handle for Work Area Mobility
- 3 Metre Mains Cable for Greater Flexibility
- Oil Lubricated Belt Drive

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SIP Rescue Pac 3000

The SIP Rescue Pac 3000 is purpose-designed for boost-starting a range of vehicles quickly and efficiently using proven AGM technology. It also provides high boost and ranking rates, plus 12V DC supplies for powering devices directly from the booster.

- LED Charge Rate Indication
- Rugged Durable Design
- Heavy Duty Leads & Clamps with Rear Storage Hooks

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THE ALL-NEW BMW M5. POWERING INTO A NEW ERA.



With 40 years of history, the legendary high-performance saloon is entering its seventh model generation. For the first time, the BMW M5 has an M HYBRID drive system, meaning the 4.4-litre V8 engine and electric motor work together seamlessly to deliver more power – a maximum output of 535 kW/727 hp and peak system torque of 1,000 Nm, and with M xDrive all-wheel drive, enables acceleration of 0 to 100 km/h (62 mph) in 3.5 seconds.

The combination of combustion engine and electric motor adheres to the same principle as the drive system in the BMW M Hybrid V8 endurance race car.

The ability of the electric motor to generate its power instantly and the intelligently controlled interplay of the combustion engine and motor ensure the M HYBRID system responds without delay to every movement of the accelerator. The eight-cylinder engine can spin to a maximum 7,200 rpm as the BMW M5 treats its driver to the sensation of relentless power development into the upper reaches of the load and speed ranges.

CONTINUED

In all-electric operating mode, the BMW M5 can hit speeds of up to 87 mph. The high-voltage battery located low in the car's underbody has 18.6 kWh of usable energy, enabling an electric range of 42 – 43 miles in the WLTP cycle, which is unmatched by any rival. The Combined Charging Unit allows AC charging at up to 7.4 kW.

Standard specification brings features such as front collision warning, Lane Departure Warning including lane return with steering assistance, the Evasion Assistant, the Attentiveness Assistant and the Speed Limit Info system. The optional Driving Assistant Professional adds Active Cruise Control with Stop & Go function together with tech including the Steering and Lane Control Assistant, traffic light detection, automatic Speed Limit Assist and Active Navigation.

Also equipped as standard is Parking Assistant including Reversing Assistant. Meanwhile, the optional Parking Assistant Professional allows automated parking and manoeuvring over a distance of up to 200 metres to be controlled from inside the car or by smartphone from outside the car.

As well as the M-specific control panel on the centre console, the cockpit also contains a newly designed, flat-bottomed M leather steering wheel with illuminated M buttons, M multifunction seats with a wide range of electric adjustment and the BMW Curved Display which, like the standard BMW Head-Up Display, includes M-specific content.

Also playing their part in the exclusive interior ambience are the standard Merino leather trim, the BMW Interaction Bar, four-zone air conditioning, heated front seats, ambient lighting with M-specific interior lighting including Welcome Animation, and the panoramic glass sunroof. And standard specification also provides customers with the Bowers & Wilkins Surround Sound System, a wireless charging tray, Comfort Access, an alarm system, automatic tailgate operation and the charging cable Professional.

Among the items on the options list are the M Carbon exterior package, an Alcantara headliner, steering wheel heating, active seat ventilation and a tow bar.



The new BMW M5 will be available in Bowker Centres across Lancashire from November 2024. For more information or to register your interest, please visit www.**bowkerbmw.co.uk**

Bowker BMW Profile

The Bowker brand has been established in Lancashire for over 100 years. Our award-winning BMW Centres in Blackburn and Preston are dedicated to providing the highest levels of Sales and Aftersales care. We conduct business with integrity and enthusiasm strongly influenced by the philosophies of what is a very old and well-established family business.

We pride ourselves on offering a unique BMW ownership experience whether you are searching for a new BMW, an Approved Used BMW, or you're an existing owner requiring service, repair, MOT or genuine parts. We're here to help with your every need.



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T: 01772 769976



TJ FILTERS

All TJ Filters are of matching quality to the OE parts, made at OEM factories and manufactured on the same production lines as the Original Equipment. Each TJ Filter uses the latest materials and production facilities to ensure quality and reliability and is branded with TJ markings.

TJ filters offer an established range of good quality standard products from a brand that has been in the market for over 40 years. TJ Filters are available for all standard vehicle filtration tasks, including air, oil, fuel, cabin, and pollen filters. The range is continually being updated and covers 97% of the UK car parc with over 2,000 lines!

CONTACT YOUR LOCAL SPARTAN STORE FOR PRICES AND TO ORDER YOUR TJ FILTERS

Fuel Filter

Providing optimum efficiency and protection for your engine, by using quality 10 micron paper, large ergonomic filter elements, precision connections and heat resistant casings.

Latest Additions:	
QFF0522	VOLVO XC60 II (246) 01/03/2017
QFF0519	VW CRAFTER Van (SY_ SX_) 01/09/2016
QFF0520	LAND ROVER DISCOVERY V (L462) 01/09/2018



Air Filter

Providing clean air for the ultimate engine performance, using a combination of coarse, intermediate and fine layers to remove the particles from the dirty air passing through your engine.

Latest Additions:	
QFA1211	NISSAN QASHQAI II SUV (J11 J11_) 01/06/2018
QFA1220	FORD KUGA III (DFK) 01/07/2019
QFA1198	KIA SPORTAGE V (NQ5) 01/09/2021



Oil Filter

Protecting the lubricant to maintain oil quality, protecting engine components from contaminants by using highly efficient paper and silicone anti-drainback valves which will prevent rough starts caused by oil draining out of the engine while the vehicle is turned off.

Latest Additions:	
QFL0431	VAUXHALL ASTRA Mk VII (K) (B16) 01/08/2019
QFL0432	LAND ROVER RANGE ROVER SPORT III (L461)
QFL0433	BMW X3 (G01 F97) 01/03/2019



Cabin Filter

Cleaning the air within the vehicle making for easy breathing while you drive. A complex layer of filters removes dust, pollen, diesel soot, bacteria and harmful/odorous gases before they enter your vehicle. The TJ range now includes Standard, Activated Carbon and Anti-Bacterial cabin filters.

Latest Additions:	
QFC0604	LAND ROVER RANGE ROVER V (L460) 01/10/2021
QFC0607	MG 3 01/07/2016
QFC0603	PEUGEOT 108 01/05/2014



AUTOCAT+ MMI CERTIFIED DATA
TecDoc® DATA SUPPLIER

IGNITION®



CI Ignition was established in 1913 as the electrical component arm of the Quinton Hazell portfolio

CI Ignition consists of a vast range of EGR valves, Oxygen Sensors, Air Mass Meters, Manifold, Temperature, and ABS Sensors plus Ignition leads and switches

Quinton Hazell is the most recognised brand in the automotive aftermarket and is popular among motor mechanics all over the world

Modern Engines rely on multiple switches and sensors throughout the vehicle that feed into the ECU or ECM with complex information thus ensuring the engine runs efficiently. CI offer a full range of Engine Management components to the aftermarket.

All parts are 100% tested and are of OE equivalent quality. The CI range also includes the latest emission products with a full range of EGR, Air Mass Meter and Oxygen sensors. The Ci range now includes a range of Fuel Vapour Valves and Urea Dosing Modules.

With over 100 years' heritage CI is a brand you can trust with both traditional ignition products to the more complex engine management products. CI has over 6500+ part numbers in the range so we are confident we will have the part you need.

6560 REFERENCES

CONTACT YOUR LOCAL SPARTAN STORE FOR PRICES AND TO ORDER FROM THE CI IGNITION RANGE



SELECTION OF PARTS AVAILABLE PLUS MANY MORE



Hall Sensor

CI Oval Engine Speed Sensor – XREV206

Vauxhall Combo Petrol 1.6 2002>



Hall Sensor

CI D Shape Engine Speed Sensor– XREV210

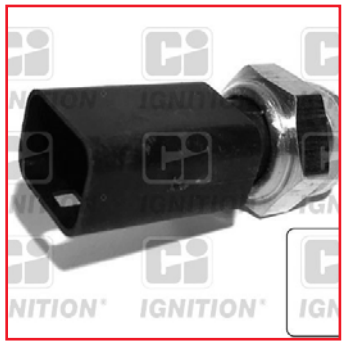
Audi A3 2002> 1.6 fsi



Hall Sensor

CI Angular Engine Speed Sensor – XREV453

Citroen Berlingo 2005>, Toyota Aygo 2006>



Temperature Transmitter

CI Oval Temperature Transmitter Sensor - XTT164

Renault / Dacia Petrol 2004-2024

NEW TO RANGE



Adblue Injectors

CI Dosing Module Urea Injection - XPSI179

Volvo XC40 2017>



Adblue Injectors

CI Dosing Module Urea Injection - XPSI171

Mercedes Benz A Class 2018>



Fuel Vapour Valves

CI - Commercial Ignition Fuel Vapour Valve - XFVV106

Ford Focus 1.6 TDCi 2011-2015



Fuel Vapour Valves

CI Fuel Vapour Valve – XFVV114

Peugeot Boxer 2.2 HDI 110 (2014-)

AUTOCAT+ MMI CERTIFIED DATA
TecDoc® DATA SUPPLIER

QH FOCUS ON **TESLA MODEL S**

Tesla Model S

Production of the Model S began in 2012, although the UK didn't receive it's first cars until 2014. Facelift variants were introduced in 2016 and 2021 and the car was, for a while, the best selling plug-in electric car in the World.

What many people forget about electric cars is that a lot of the mechanical components are no different to any other road going car. Quinton Hazell supply a wide range of aftermarket parts for the Model S, which we've highlighted here.





Brake Light Switch
XBLS261

Stabiliser Link
QLS3992S
QLS3993S
QLS3994S

Wheel Bearing Kit
QWB1624
QWB1719

Cabin Filter
QFC0547
QFC0548

Outer Tie Rod
QR4198S

Inner Tie Rod
QR4197S
QR4265S

Tailgate Gas Spring
QTS828491

Brake Pads
BP1819

Suspension Arm
QSA2799S
QSA2937S
QSA2938S
QSA2941S
QSA2942S
QSA2943S
QSA2944S

Drag Link Assembly
QDL9548S

Brake Disc
BDC6219

Wiper Blade Pair	Wiper Blade Driver Side	Wiper Blade Passenger Side
QDW152	QAW1028	QAW1017

Suspension Bush
EMS8770
EMS8772

GEAR GEEK'S GOLDMINE

Tired of the same old tech? Us too. That's why we've scoured the digital universe for the most innovative, mind-blowing, and downright fun gadgets out there. From audiophile heaven to home automation wizardry, this is your one-stop shop for tech that'll make you say, "Wow, I need that!" So buckle up, gear geeks, it's time to upgrade your world.

Meta Quest 3

The Meta Quest 3 is possibly the coolest gadget we have found out there so far! It offers an immersive, all-in-one virtual reality experience without the need for a PC or console. Its advanced graphics, high-resolution display, and improved performance deliver stunning visuals and smooth gameplay. The ergonomic design ensures comfort during extended use, while the intuitive controls and hand tracking enhance interaction and immersion. With a vast library of games, apps, and social experiences, the Meta Quest 3 caters to both gamers and tech enthusiasts. Additionally, its wireless freedom and ease of setup make it accessible and convenient, pushing the boundaries of virtual reality entertainment.

Meta Quest 3 VR headset £459.99



The Beerwulf Sub Compact

The Beerwulf Sub Compact beer pump is the perfect way to bring the pub experience home with its sleek, countertop design and easy-to-use draft system. Just like its 'Sub Classic' big brother, this pump packs a punch, but just takes up less space! This home beer tap keeps your beer perfectly chilled at 2°C and ensures a fresh pour every time, thanks to its innovative pressurised system. Compatible with a variety of mini-kegs, it offers versatility and the opportunity to enjoy different beer styles. Ideal for parties or casual home use, the Beerwulf Sub combines convenience, quality, and the joy of draught beer, making it a must-have for beer enthusiasts and home entertainers alike.

Beerwulf Sub Compact £235

XXL Airfryer

The Philips Premium XXL Airfryer takes healthy cooking to the next level! It offers a healthier way to enjoy fried foods with its advanced Rapid Air Technology, which uses hot air to fry food with little to no oil. Its large capacity can handle family-sized meals, making it perfect for gatherings. The digital interface and preset programs ensure ease of use, while the versatile cooking options, including grilling, roasting, and baking, expand its functionality. This cool gadget is also super easy to clean, with dishwasher-safe parts, combining convenience, health benefits, and versatility into a single, efficient kitchen appliance.

Phillips Premium XXL Airfryer £159.99





Lego Polaroid Onestep Camera

The Lego Polaroid Onestep combines the nostalgic charm of vintage Polaroid cameras with the creative, hands-on appeal of Lego building. This unique model offers fans a chance to construct a detailed replica of the classic camera, complete with authentic features like a pop-up viewfinder and a film ejector. Its interactive nature makes it both a fun building experience and a stylish display piece. Additionally, the Lego Polaroid appeals to both photography enthusiasts and Lego collectors, blending the worlds of retro tech and modern construction toys into one captivating package.

Lego Polaroid Camera £69.99



Apple AirTag

Once you have one of these nifty gadgets, you'll wonder how you ever lived without one! The Apple AirTag helps you keep track of your belongings with ultra precision. Using the Find My app, you can locate lost items like keys, wallets, or bags easily. The AirTag features Ultra Wideband technology for accurate tracking and emits a sound to help you find it. It's small, lightweight, and has a long battery life. The AirTag seamlessly integrates with other Apple devices and you get them in multipacks too!

Apple AirTag £28.00

Bose SoundLink Max

The Bose SoundLink Max is a powerful and versatile portable speaker, ideal for outdoor use and communal listening. It features a robust design with a powder-coated, silicone-wrapped steel shell, making it durable and water-resistant. With a battery life of up to 20 hours, it ensures extended playback for any occasion; perfect for summer BBQs! This super speaker provides excellent sound quality, delivering balanced audio with rich bass and clear highs. It's a small, but mighty gadget that you'll reach for at every opportunity.

Bose SoundLink Max £399.95



BioLite FirePit+ Outdoor Smokeless Fire Pit & Grill

The BioLite FirePit+ is a versatile, portable fire pit and grill that enhances outdoor experiences with its innovative design. It burns both firewood and charcoal, offering the flexibility to switch between grilling and enjoying a campfire. Key features include a rechargeable fan system that significantly reduces smoke by improving oxygen flow to the fire, making for a more enjoyable and less smoky experience! The mesh sides allow heat to radiate outward, and the grill grate makes it easy to cook meals. It is light and compact, making it easy to transport and ideal for camping, picnics, and beach BBQs, if the weather holds up!

BioLite FirePit+ £179.99



Theragun Pro Handheld Deep Tissue Massage Gun

The Theragun Pro is a top-tier massage gun renowned for its deep tissue capabilities and advanced features. It boasts a 16mm amplitude and 60 lbs of stall force, making it ideal for intense muscle recovery and deep tissue massage. The fifth-generation model includes improvements like reduced noise levels and an OLED screen displaying speed, force, battery life, and Bluetooth connectivity. This beauty also features customisable routines through the Therabody app, which provides guided massage sessions tailored to specific needs. Although it's heavier and pricier than many competitors, its performance and ergonomic design make it a favourite among fitness enthusiasts and gadget nerds alike!

Theragun Pro £419

Castrol

Tell us your

First car Love story

& win £10k



Terms and conditions apply

125 years of Castrol. That's quite a story. And we know every car driver has stories too.

Especially about first cars, because they're the ones we all love most of all.

So now, we're collecting First Car Love Stories. Tell us yours, send us a picture and we'll share it with the nation.

Enter Now

You could win £10K towards your Next Car Love Story.



"I bought my Vauxhall Nova from a girl on my street. It had a weird old car smell I could never get rid of, and I ADORED it."


"Marilyn had pink fluffy seat covers"


"Collin the Corsa"

"My first car was Colin the Corsa."

BRING *on the* SUNSHINE

FANCY SOME TOP-DOWN FUN? CHECK OUT THIS SELECTION OF USED CONVERTIBLE GEMS OF VARYING BUDGETS...



FIAT 500C

The very popular 500 is also available in a cabrio option and for around £6k you can pick up a 9 year old model like this with only 24,000 miles on the clock. The classic folding roof can open just the top or all the way back.

2015 Black Fiat 500C
1.2 Euro 6 (s/s)
2dr £5,950
Autotrader.co.uk

PORSCHE BOXSTER

We found a 2012 Boxster 2.7L with the fabulous PDK gearbox and only 33,000 miles in this vibrant yellow with contrasting black wheels for just under £25k. Hard one to beat to enjoy those sunny day journeys!

2012 Porsche Boxster
2.7 PDK £24,948
CarGurus.co.uk



MAZDA MX5

One of the best convertibles around and you can find decent example bargains. The 1.8L petrol engine rear wheel drive MX5 is renowned for being compact and well balanced – a real joy of a car to own. We saw this 2014 plate for under £6k with 70k miles.

2014 Mazda MX-5 1.8 SE Air Con £5,795 CarGurus.co.uk





MERCEDES SLK

A ten-year-old example of the Mercedes SLK in diesel format with below-average miles can be seen for just under £10k. The solid roof folds back and away seamlessly in seconds and the styling still feels current now.

2013 Mercedes-Benz SLK Roadster 250 CDI 'BlueEFFICIENCY' AMG Sport 2d Tip Auto 67,000 miles £9,995 Parkers.co.uk

AUDI TT

A luxury feel convertible sports car with responsive handling and a turbocharged engine. A 2017 model with 178bhp and 36k miles was for sale at £14k – absolute steel in our eyes. The interior was immaculate, and the typical Audi styling really impresses.

2017 GREY Audi TT 1.8T FSI Sport 2dr, 69,746 miles £12,700 Cinch.co.uk




SPARK MEETS:
Yianni







YIANNI CHARALAMBOUS, founder of Yiannimize a business and brand for over 15 years and a brand that has expanded from simply vehicle wrapping and modifications, to a media business with a TV programme called 'Yianni: Supercar Customiser', Yiannimize Competitions, and Yiannimize Live where with his business partner Bav Majithia they organise exciting automotive events.

Yianni's fame rose as he started wrapping famous people's cars, gaining recognition through high profile clients like footballers, musicians, and celebrities. Theo Walcott, Harry Styles, Aguero, Gordon Ramsey and Anthony Joshua are just some of those that have entrusted his team to wrap their vehicles. "I remember in the early days being invited down to the Arsenal training ground when we had wrapped Bacary Sagna's Range Rover, and all of a sudden, due to the attention it gained, I was booking other players' cars like William Gallas – it was crazy" proudly stated Yianni.

The big part of the last 12 to 18 months has been a focus on more and more events for Yianni and Bav. A recent partnership with JPC Specialist Motorsport was formed helping to raise the profile for the charity which supports people with special needs. As featured in previous issues of SPARK, JPC founder Paul Connaughton's son, has cerebral palsy.

The most recent Yiannimize Live Event in partnership with JPC was at the Croft race circuit where cars from all decades were on show and providing the public with passenger rides in a wide range of performance and supercars including an incredible Honda NSX, Porsche 911 Dakar, Shelby Cobra, and Ferrari F8 to name just a few. "The smile on the kids' faces as they got to select their dream car to step in to and have the experience of a ride around the track was beautiful to see" beamed Yianni. "Spending time around my fans and fans of cool looking cars is a real privilege for me, the day was so special" continued Yianni.

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On a completely different sense of event, Yianni also organised a mega 'Gumball Rally' style supercar trip. The Grand Tour by Yiannimize was an eight day blast across Europe from London to Marbella travelling through Paris, Geneva, Monaco, Barcelona, Madrid and settling in Marbella. Livery adorned cars included brands such as Car Gods (detailing product specialists), FMC (Flexible Motor Contracts), Atlas Travels, and SmarTrack (stolen vehicle recovery systems). Participating was an array of Lamborghinis including a stunning grey Performante, a few aggressive Urus's, and Yianni's own pearl white Revuelto. Joining them was Bav's top spec Porsche GT3 RS, a turquoise BMW M4, a fiery orange Audi R8 Spyder, a Bentley Continental GT Convertible, plus many more.

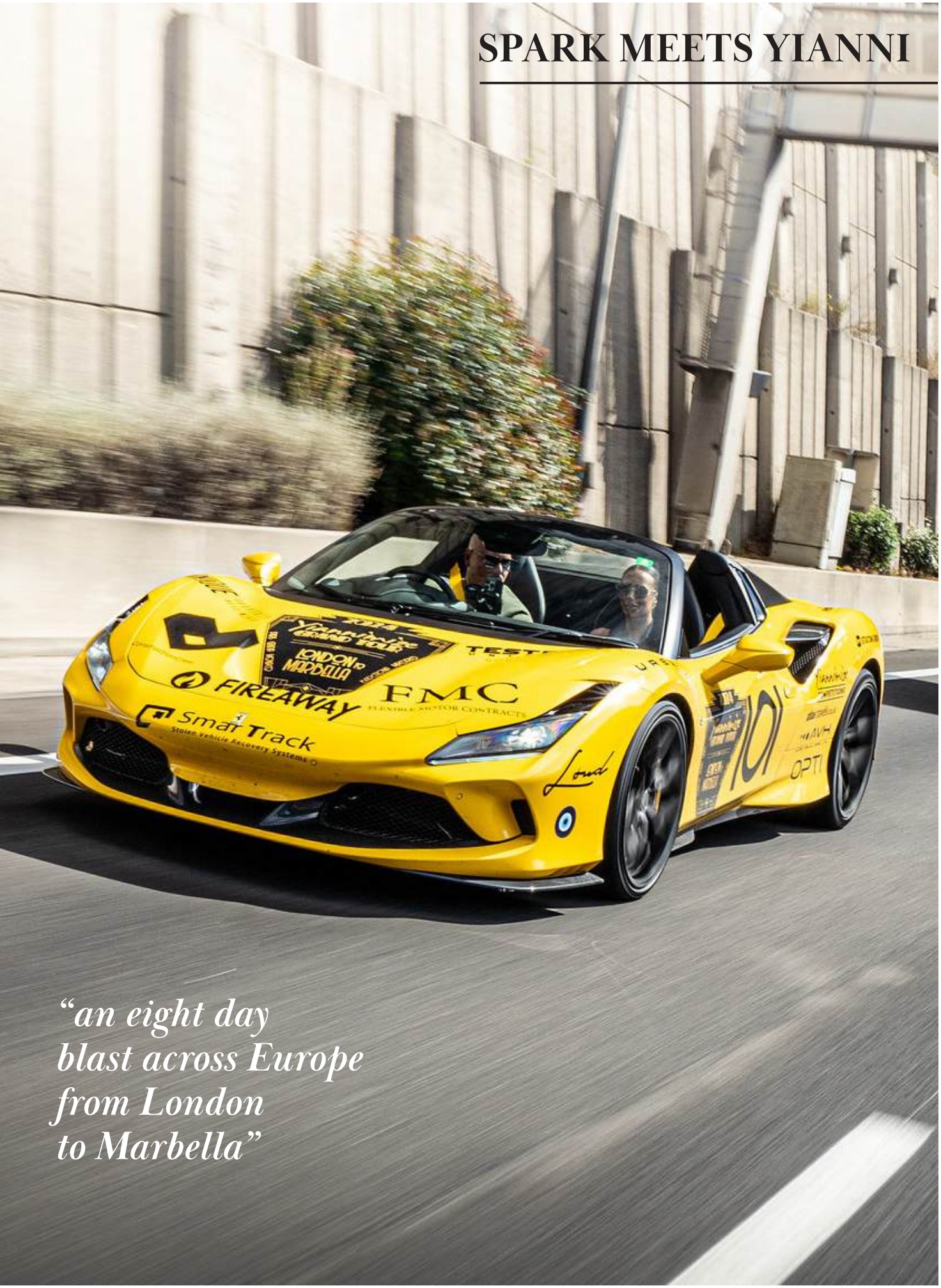


Another exciting event this year is set to take place at the High Wycombe Airfield on Sunday 15th September 2024 called the Yiannimize ¼ Mile Live, where owners of top-end cars will take to the airstrip to clock high speeds and fast times. Event sponsor Car Gods will showcase an Audi TTRS and a Nissan GTR. They will all hit the runway in Car Gods branded livery and display their cars on the Car Gods stand throughout the event. Tickets are still available at Eventbrite.com – don't miss out!

Watch the CarWow video (QR code below) with Yianni hitting the quarter mile in his own Lambo: **Lamborghini Revuelto v Ferrari 296 & SF90: DRAG RACE** *(youtube.com)*



SPARK MEETS YIANNI



"an eight day blast across Europe from London to Marbella"

GETTING TO KNOW YIANNI

Q&A





What are your main projects at the moment?

"Away from the event scene I'm mainly focused on content creation for various platforms including social, podcasts and YouTube."

What car would you love to own?

"Said it before, it would have to be a Koenigsegg. Even though you can't really enjoy driving one every day it would still be an incredible car to own."

What was your first job?

"My first job was at 'Do it All' – it was basically B&Q. I've worked at M&S on nightshift shelf stacking, I've had jobs at Office World and in the city as a salesman in recruitment, owned a barbers, milkshake bars, and been successful with property."

First car you ever wrapped?

"Theo Walcott's Audi A5 was one of the very first cars we wrapped."

Best car you guys have ever wrapped?

"The Bugatti Veron in pearl white was amazing but I'd say the Aston Martin Vulcan in Chrome Black topped it."







Trickiest car to wrap?

"The G-Wagon for sure is one of the hardest to wrap."

What was your first car?

"A 1984 B-reg 1.1 litre Ford Fiesta in blue, a manual with no power but it was my first car and I loved it. I made a few mods to make it look like an XR2 with Pepper Pot wheels and a bit of kit."

Any classic cars you'd love to own?

"Yeh I'd love a classic Capri 2.8 and a Renault 5 GT Turbo."

When you were a kid what was your dream car?

"I had a poster of Lamborghini Countach in white with the doors up – absolutely loved it."

Outside of work and cars what your other passions?

"I love to travel."

Last film you watched?

"Recently went to see Bad Boys: Ride or Die – what's not to enjoy about that franchise of movies!"

Where's the best place you've been? Is there somewhere you'd like to go but never been?

"Dubai and Cyprus are amongst the best places I've been but I'd love to go to Australia."

You've recently been on your 'Yiannimize Grand Tour' with a group of supercars from London to Marbella. What was the best location you visited on the Tour?

"Monaco was amazing as was the whole tour. Some great people, stunning cars and fantastic scenery."

What was the best looking car on the Tour (in your opinion)?

"Lamborghini Revuelto."

Check out Yianni's video review of his own Revuelto here: **The Truth About My Lamborghini Revuelto** *(youtube.com)*

The event season seems to be getting busier for you – what's the best part of being involved?

"Meeting the fans and seeing how much they enjoy the whole event."

If you could have just one car to drive for the rest of your life, what would it be?

"The Lamborghini Urus Performante – absolute all-rounder."

You're a big Arsenal fan – who's your favourite player and do you get to many games?

"Yeh I used to go all the time. Favourite player is Bacary Sagna."

Favourite Arsenal player of all time?

"Thierry Henry."

If you could collaborate with anyone, who would it be?

"Kevin Hart – he's hilarious I'd love to do something with him."

Biggest celeb in your phone contact list?

"Anthony Joshua and KSI."

If you could meet any one person in the world, who would it be?

"Probably have to say Michael Jordan and Jordan Belfort, he was the inspiration for DiCaprio's character in Wolf of Wall Street."

If you could have a night out with 3 people past or present dead or alive, who would they be?

"Cristiano Ronaldo, Kevin Hart and Michael Jackson."

What are your plans for the future?

"Pretty much enjoy the fruits of my labour."

What's the best advice you'd give to any business owner?

"Don't give up on your goals."



Tom's

Tom Alderson, Car Gods' resident detailing expert, shares some of his top tips. For more 'nuggets' and how-to guides visit www.youtube.com/@cargodsdetailing

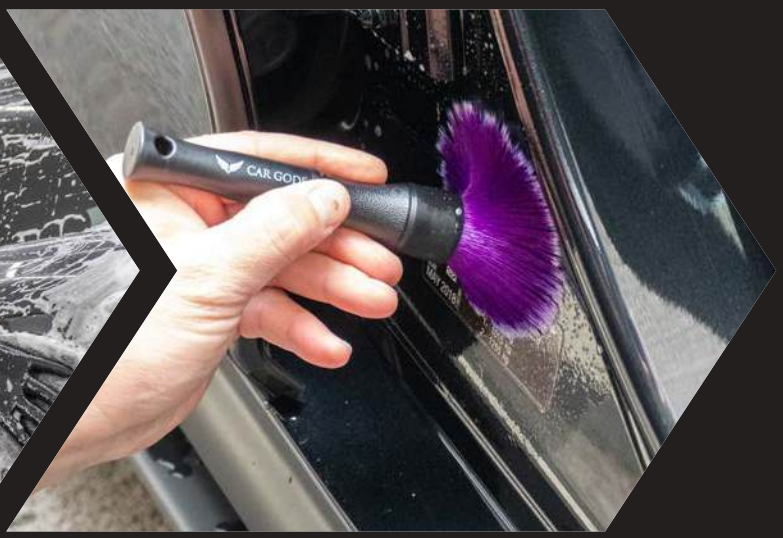




TIP 1: MAKE THE MOST OF THE FEATHER TIP BRUSH.
These brushes are soft and flexible enough to be used in all sorts of areas during an exterior wash while being soft enough to not scratch. Door shuts, window surrounds, badges and grills.

TIP 2: ALWAYS USE PRE-WASH.
All of the loose dirt and debris on a cars exterior needs to be removed before a contact wash. Failure to do so can leave contaminants on the surface which will be picked up by mitts and rubbed over the paintwork creating swirls and scratches.



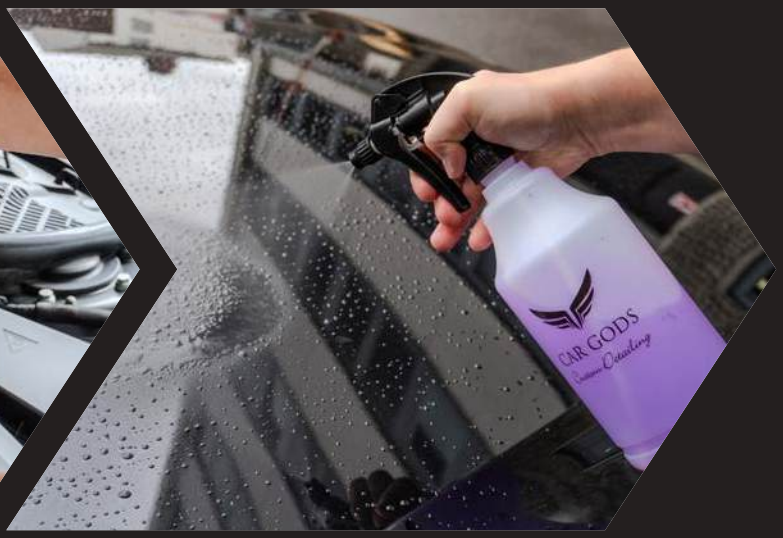


TIP 3: ALWAYS WASH A CAR TOP TO BOTTOM.
The dirtiest part of a vehicle is the bottom as it gets hit with road grime and dirt. To wash safely, start on the roof and work your way down, regularly rinsing the mitts in clean water. This will keep the mitts fresh and the water as clean as possible during the process.

TIP 4: CLEAN THE BOOT AND DOOR SHUTS.
An area often overlooked when washing a car, but these areas get a build up of grease and dirt, sometimes even green mould. Use some MP100+ and a Feathertip brush to break down the grime and rinse away. This will improve the overall finish of any wash.

Detailing Tips





TIP 5: DRESS THE ENGINE BAY.
After a clean and scrub under the bonnet, dry all the components and apply Power Dressing for an "as new" appearance, making future maintenance and level top ups a less dirty experience. A clean engine bay is also a sign of a well cared for car when it comes to selling.

TIP 6: RINSE AIDS.
The clue is in the name. A rinse aid will help the water sat on a car to disperse and drip off. This speeds up drying time while adding an extra layer of gloss and gives your car that waxed appearance in seconds. Saving time and adding gloss in one easy step!





TIP 7: DIRTY SEAT RUNNERS.
To add an extra level of detail on the interior clean, use a firm detailing brush to flick and wipe away the dirt trapped in the seat runners. If particularly dirty, spray some interior detailer and remove the residue with a microfibre.

TIP 8: VAC THE SIDES OF THE SEATS.
Don't forget to slide the front seats forwards and back, up and down, to enable all debris to be hoovered away from where it's usually tricky to gain access. Finish with a spritz of Fabric Reviver and a wipe over with a microfibre to freshen up even further.

BECOME A CAR GODS FRANCHISEE

BECOME YOUR OWN BOSS. BECOME A CAR GOD.

Car Gods are offering the chance to create your own detailing business and to be part of a growing detailing company, in the way of a mobile valeting & detailing franchise.

As a franchisee, you will be joining a network of like-minded detailers with unlimited potential to grow alongside the Car Gods brand.

- A zero commission based model
- 20 mile exclusive radius
- The full range of products to start-up
- Up to 300% return on investment
- Backing from car care industry experts
- Variable finance options available

What are you waiting for? Download the full prospectus from **www.cargods.com** or scan the QR code below.
For more details contact Tom via email (**tom@cargods.com**) or call on **07704 340854**

CAR GODS

FRANCHISE TESTIMONIALS

IN THE INTRICATE SPHERE of detailing, where passion meets precision, Car Gods Mobile Detailing Franchisees have emerged as a beacon of excellence. Here, we're taking a moment to delve into the firsthand experiences of the detailers who have become synonymous with automotive perfection.

Turning my passion for cars and detailing into a career, I sought a professional path and found Car Gods invaluable. After researching various options, Car Gods stood out. From the first contact, Tom, Matt, and the entire team made me feel part of their family. A tour of their HQ sealed the deal, showcasing top-notch services, training, and products. Following an intensive week of training, I launched my franchise in February 2024. The ongoing support from Tom and Matt has been exceptional, making my journey as a business owner both successful and fulfilling.



Sam Tutt, Car Gods TAC, Kent & South East London

After surgery in early 2024, I decided to shift careers from HGV driving and approached Car Gods. Tom Alderson (Franchise Manager) guided me through the process of starting my own business, and after a meeting, my commitment was confirmed. I received expert training at Car Gods HQ, and once my van was fully equipped, I began my new career. The positive feedback from customers has been overwhelming. Thanks to the support from Car Gods and their quality products, I'm grateful for this incredible opportunity.



David Wilkinson, Car Gods TDS, Cannock

Car Gods has significantly boosted my business by providing constant support and top-level training. The expertise I've gained has made me more confident and equipped me to tackle jobs I never thought possible. I've learned how to safely clean, polish, and apply ceramics to vehicles, gaining invaluable knowledge along the way.



Reece Taylor, Car Gods RTV, Eccleston

CAR GODS


autotek
PROFESSIONAL
PRIMERS
ENGINE ENAMEL
WHEEL & CALIPER
PAINTS
Autotek professional is a premium aerosol paint brand dedicated to delivering specialised car vehicle paints and primers.
Autotek Professional offer a line of high-quality automotive spray paints specifically designed for use on vehicles. Autotek spray paints are known for their excellent coverage, durability, and adhesion to automotive surfaces.



Autotek Professional acrylic primers are specifically designed for use on vehicles.

Available in a range of colours and finishes, including standard gloss, satin and matt options, Autotek primers are known for their excellent coverage and adhesion to metals and rigid plastics.

Autotek primers are formulated to prevent runs and drips and are suitable for weld-through operations. Autotek primers come in an aerosol can with an adjustable, professional fan spray nozzle for easy application.

- Provides a tough, durable and receptive surface, ready for painting
- Exceptional adhesion to metals and rigid plastics
- High covering power with adjustable, professional fan spray nozzle
- Drip and run-free acrylic formula

Autotek's unique acrylic based exact colour match range accommodates a wide variety of paint colours from several manufacturers. The paints contain protective properties that ensure optimum quality and longevity when applied to metal, glass fibre or rigid plastic surfaces. The fast-drying formula provides a strong and durable coat, ensuring a smooth, high quality, professional finish with unrivalled colour match precision. It is also suitable for cellulose finishes and is compatible with nearly all automotive paint finishes.

- Strong, durable and smooth
- Apply to metal, glass fibre or rigid plastic surfaces
- Fast drying formula
- Ensures a high quality, professional finish





Autotek modern acrylic formulation provides a durable finish with enhanced high covering power, It enables you to spray directly onto many rigid plastic surfaces.

Gloss lacquer is a general purpose acrylic based product which can be used in conjunction with Spray Primers and spray paints. Whatever the need for metal Lacquer this is the perfect product for you!

- Fade resistant
- UV resistant

This is not just for car's as it can be used on any project you have ranging from bike frames to metal sculptures. The gloss lacquer is applied 24 hours after you have finished your final coat of top coat.

The lacquer will bond and cause the paint work to be soft for a short while so give it at least 20 minutes before reapplying another coat.

For repairing damaged car panels follow the 'Autotek Easy 10 Steps' to ensure a perfect finish every time.



Wet & Dry
Remove loose paint and rub to a smooth finish, using fine Wet and Dry paper.

Panel Prep
Remove grease/wax/oil/silicone by spraying panel prep directly onto surface wiping off with a clean cloth.

Body Filler
Pre-mix filler and hardener, then fill damaged area with spatula provided.

Wet & Dry
Rub down with fine Wet and Dry to leave a smooth repair which is flush with surrounding.

Panel Prep & Primer, Masking Tape
Remove excess dust residue with panel prep, mask area of repair, spray several light coats of primer to leave an even film.

Wet & Dry, Panel Prep
Rub down primer with fine Wet and Dry to remove any roughness, clean residue with panel prep.

Top Coat (Car Colour)
Spray evenly over primed area carefully blending in to surrounding paintwork using several light coats.

Top Coat Wet & Dry
Rub down in between coats with Wet and Dry to help produce the perfect finish.

Clear Lacquer
Certain metallics require over coating with 2/3 coats of clear lacquer.

Finishing
Allow paint to harden for 10-14 days then polish to high shine with finishing polish.

Combine with AutoTek top coats, wheel paints, and bumper paint to give your car the finish it deserve.

Amalgam collection

SCALING UP EXPECTATIONS

CRAFTING THE WORLD'S FINEST SCALE MODELS



FERRARI 250 GTO
1:8 AND 1:18 MODELS

Nestled away in North Bristol, an unassuming workshop serves as the heart of a global operation fashioning unrivalled examples of the world's most iconic and luxurious cars at scale. With artisans across its workshops in the UK, Hungary and China, Amalgam Collection has been offering its scale automobile model services to the world's most important designers, engineers, drivers and automotive brands for almost 30 years.

Initial approaches to British Formula 1 teams, offering meticulous renditions of their cars for display and gifting purposes, soon led Amalgam





"IF YOU CAN DREAM IT, THEY CAN BUILD IT"

to Ferrari in 1998, where they were embraced as part of 'La Famiglia Ferrari', creating beautiful scale replicas of every subsequent Ferrari Formula 1 car, and every Ferrari road car since 2006. Maranello is far from alone: Bugatti, Ford, Jaguar, Lamborghini, McLaren, Mercedes-Benz and Porsche have all since partnered with Amalgam, which regards leading motorsport figures like Zak Brown as close friends. The company's list of elite clientele also contains many famous names from the design, arts and entertainment worlds, including renowned classic car collector Ralph Lauren.



FERRARI 812 COMPETIZIONE
AT 1:18 SCALE



MCLAREN SENNA
AT 1:8 SCALE

FASHIONING THE WORLD'S FINEST MODELS

Amalgam's methods parallel those of the finest watchmakers, sparing no effort or expense in the pursuit of perfection. The foundation of this work is confidential CAD data, supplied directly by the manufacturer, often ahead of the car's public unveiling. For classics, where this data does not exist, CAD designs are created from detailed digital scans of an original car, with over 1000 reference photographs taken to ensure every aspect of each car is captured.

3D printing and CNC machining are combined with traditional machining and hand working techniques to fabricate master patterns for each component of the model, which are then used to create a small batch of precisely engineered cast components using prototyping resin. Each piece undergoes washing, cleaning and sanding, before being fettled and fitted to ensure they fit together perfectly. The parts are then primed, spray-painted and polished. Decals and printed finishes are applied, sub-assemblies such as engines, wheel hubs and suspensions are built, and then final assembly. Only once the manufacturer, team or client is fully satisfied with the accuracy of the first full prototype model does small batch production commence. This labour-intensive process necessitates 2,500-5,000 hours of development, and each subsequent 50-70cm long replica can take between 250 and 500 hours to complete.



FERRARI SF-23 MINIATURE STEERING WHEEL AT 1:4 SCALE



ASTON MARTIN DB5 VINTAGE INTERIOR AT 1:8 SCALE

ORACLE RED BULL RACING RB18 1:4 SCALE

The company's burgeoning collection of flagship models at 1:8 scale encompasses a large array of automotive icons from the road and track, each one its own strictly limited edition. Amalgam also offers an increasing assortment of models at 1:18, as well as Formula 1 nosecones at 1:12 scale and steering wheel replica at life size (1:1) or 1:4 scale. The business also regularly builds models at the very large scales of 1:4 and 1:5 (between 90cms and 1.2 metres long) for motorsport teams and their sponsors.

As for customisation, the artisans offer a Tailor-Made Bespoke Service, creating perfect 1:8 scale replicas for owners of the real car, utilising the company's deep relationships with the automotive manufacturers to gain detailed specifications. Beyond that, for their wealthiest



clients, Amalgam offers a Unique Commissions service, a true "if you can dream it, they can build it" service, that goes well beyond cars. Amalgam have crafted one-off models for owners and makers of private jets and yachts, replicated architecture at scale, and created special art pieces for personal and commercial projects, tapping into a deep network of skilled creatives across a broad range of disciplines to complement their own 30 years plus of experience.

To view the full range of available models, visit **www.amalgamcollection.com**



As well as the factory in Bristol, Amalgam opened a new workshop in the beautiful city of Pécs in the south of Hungary in 2015 where 60 skilled artisans work to create incredible masterpieces every day.

SCAN HERE TO WATCH THE VIDEO





FOR 40 YEARS, PIPERCROSS PERFORMANCE AIR FILTERS HAS BEEN AT THE FOREFRONT OF BRITISH ENGINEERING, PRODUCING HIGH-PERFORMANCE AIR FILTERS THAT ARE TRUSTED BY ENTHUSIASTS AND PROFESSIONALS ALIKE. OUR HERITAGE IS STEEPED IN A RICH TRADITION OF INNOVATION & A RELENTLESS PURSUIT OF EXCELLENCE.

SINCE OUR FOUNDING IN 1983, PIPERCROSS HAS BEEN DEDICATED TO CRAFTING AIR FILTERS THAT GO BEYOND ORDINARY. OUR PRODUCTS ARE ENGINEERED TO DELIVER OPTIMAL AIRFLOW AND FILTRATION, ENHANCING YOUR VEHICLE'S PERFORMANCE, FUEL EFFICIENCY, AND LONGEVITY.

Brain



CHALLENGE ACCEPTED!

90%

Which of these is NOT an anagram of a creature?
A: LOIN B: BLUB C: LUGS D: SNEAK

80%

Which of these is NOT a girls name?
A: KT B: IV C: EW D: LC

70%

How many times does the letter 'A' appear in the numbers one to ninety-nine when spelt out?

60%

A bike wheel has 12 spokes. In total, how many gaps are there between them?

50%

Which of these is the odd one out?
A: DAPPLE B: SPEAR C: SLIME D: RABBIT

40%

Which name would come next in this sequence?
Marie, Annabelle, Norah, Olivia, Leah...
A: Alison B: Irene C: Una D: Elizabeth

Brain illustrations from Freepik.com

of the one before it. 30%: TESLA. Rearranging the same letters spells out the car make. 20%: 77 (5 syllables). 10%: PIE IN THE SKY. 5%: 6. The number refers to the position of the letter R in the name. 1%: N O as it spells ONE PERCENT backwards.

Teasers

COULD YOU BE IN THE 1% CLUB?

Would you have won the £100,000 prize pot on the popular TV quiz show The 1% Club? Here are eleven questions of increasing difficulty from 90% down to 1% – let's see how you do...!

30%

Which make of car could be included in this list?
STEAL, TALES, STALE, LEAST, SLATE, ?????

20%

What number between 1 and 100 has the most syllables when said out loud?

10%

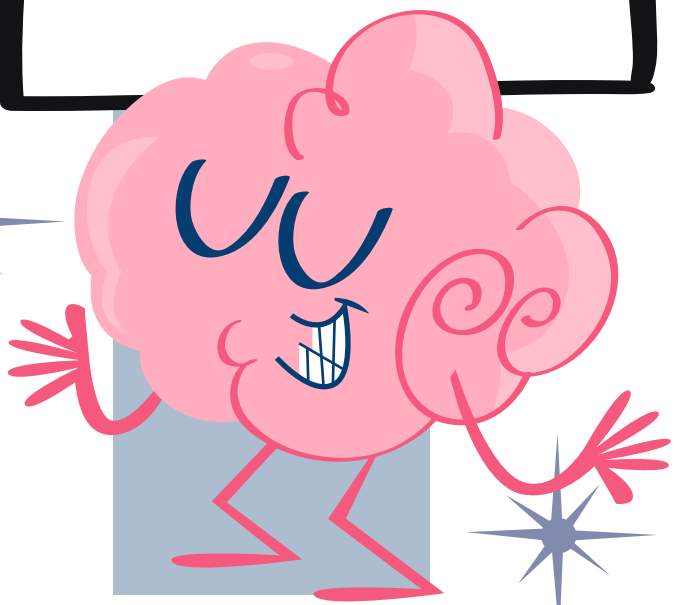
What well known phrase is represented here?
SPIEKY

5%

If ANWAR is 5, RACHEL is 1, SARAH is 3, what is VICTORIA?

1%

What are the next two letters in this sequence?
TNECREPE_ _



ANSWERS: 90%: B as the others are LION, SLUG, SNAKE. 80%: C as the other initials sound out a girls name. 70%: None. 60%: 12 50%: D as the others have the name of a fruit in them. 40%: Elizabeth. Each name begins with the second letter

DENSO

75th SINCE 1949

DENSO'S NOTABLE ACHIEVEMENTS

For over three quarters of a century, the DENSO CORPORATION, has realised many pioneering achievements, but its goals remain revolutionary, and its products are still relied upon by millions of people across the globe.

Although progress has continued to be at the centre of its ethos, the changing world, particularly the environmental challenges it faces, have combined with the company's long-held concern for the well-being of society, to ensure that sustainability and carbon neutrality are equally important in the years to come.



1961
First production plants



1961
Received the Deming Prize



1954
Technical Training Center



1949
DENSO's birth



1974
Invented **the first spark plug** with a platinum electrode of 1.1 mm



1977
First WorldSkills Competition gold medal



1994
Invented the QR code

1996
Invented the first plug-in type mass air flow meter inserted into the air-intake wall, reducing size and weight and making them easier to mount





2008
World's first - Air Conditioning System

Invented the smallest air conditioning system for a compact-size vehicle



2007
World's first - Hybrid Vehicles Components

Introduction of a high-output power control unit (PCU) and battery cooling system for hybrid vehicles



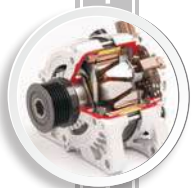
2002
World's first - CoGen Spark Plugs

Invented the Iridium Saver spark plug for gas engines used in cogeneration systems



2001
World's first - Starter

Invented the first planetary-reduction segment conductor (PS) starter



2000
World's first - Alternator

Invented the first segment conductor (SC) alternator, adopting dual windings and rectifiers and a rectangular conductor for its stator coil



1998
World's first - Catalytic Converter

Invented a catalytic converter with thin-wall ceramic honeycomb structure

www.denso-am.eu



2009

World's first - Starter

Invented a permanently engaged Stop-Start starter



2010

World's first - Wiper Blade

Introduction of hybrid in the replacement market

2012

World's first -

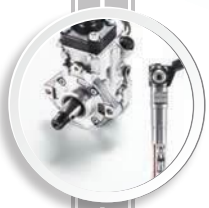
Invented the HVAC (Heating, ventilating and air conditioning System) capable of heating or cooling the driver's area only, separately controlling the climate in three different cabin zones and helping improve overall fuel economy when the A/C is on



2013

World's first - Diesel common rail fuel injection system

Invented the world's highest injection pressure of 2,500 bar, helping increase fuel efficiency by up to 3% whilst also reducing particulate matter by up to 50% and nitrogen oxides by up to 8%



2014

World's first - Exhaust Gas Recirculation (EGR) valve

Invented an EGR valve unit to integrate an air intake throttle valve and an EGR valve, helping make diesel engine emissions cleaner at half the size of conventional models



2016

World's first - Lambda Sensor

Invented the first NOx-A/F integrated sensor



2022

DENSO WAVE introduces a new, rectangular QR Code



2023

DENSO received Supplier Excellence Award from JLR



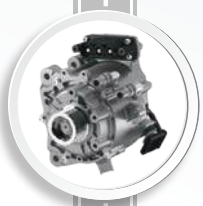
2022

DENSO products electrify Toyota and Subaru's new all-electric bZ4X and SOLTERRA



2022

DENSO and Honeywell co-develop e-motor for Lilium's all-electric jet



2022

DENSO introduces its High Voltage ISG (integrated starter generators).

DENSO's proprietary coil winding technology is increasing efficiency and improving fuel economy



2022

DENSO and Honeywell co-develop e-motor for Lilium's all-electric jet

A small, light electric motor creates high output to power the Lilium Jet



2016

ECO VISION 2025

Driven by Quality



ROC: high-quality coil springs for a huge range of vehicles, including a heavy-duty coil spring option for those towing caravans and trailers.

YOU CAN WITH YOUR CARAVAN!

TOWING SAFELY

All ROC springs are manufactured in a IATF16949 environment, using the highest-grade silicone-chrome steel wire, ensuring all springs meet strict OE performance standards.

Since the COVID-19 pandemic, there has been a notable increase in the number of caravans, motorhomes, and trailers on our roads, with many motorists choosing to explore the country's beauty spots and scenery through road trips and staycations. Although the lifting of restrictions has seen a return to holidaying abroad, many continue to load up and head off around the UK. This surge in caravan, camping and motorhome usage has heightened the importance of correct vehicle maintenance along with the need to choose high-quality suspension components to ensure safety and reliability on the road.

Incorrectly loaded leisure trailers, or caravans with excessive nose weights, can have a significant impact on vehicle handling and can lead to sway, understeer, and other issues that pose a risk to both the vehicle and its occupants.

ROC's heavy-duty coil springs are designed to address these concerns by providing additional support for heavier loads.

Heavy-duty coil springs are 15-30% stronger than standard springs and can support an increased load without compromising vehicle handling. Heavy-duty coil springs work with standard shock absorbers and are slightly shorter than standard springs, ensuring the vehicle doesn't sit too high when unloaded.

ROC Springs' excellence extends into the gas spring market too. Critical for vehicles with tailgates or bonnets, gas springs can degrade over time, especially when subjected to the added weight of rear-mounted cycle carriers. Regular inspection and replacement are key to maintaining vehicle performance and safety.

At ROC, we believe in promoting safe practices and therefore encourage technicians to spend extra time when inspecting such suspension components where a vehicle is clearly used for towing a trailer or caravan. With the right equipment and a focus on safe towing practices, drivers can have peace of mind and enjoy their travels with confidence.

rocsprings.com



GAS



COIL



LEAF

Catalogue App

SPOTLIGHT ON SPARTAN



> **The new branches look fantastic – thank you to all the Spartan team involved!**

Emma Tiernan
Spartan's Managing Director



A WISE MOVE AT MORECAMBE

The seaside town of Morecambe is home to Spartan's most northerly branch, and passers by recently may have noticed it's been even more a hive of activity than normal. This is because a major refit project is underway, allowing us to expand the warehouse. The Morecambe branch is one of the bigger locations in the Spartan Motor Factor group and the vans reach across the region to service independent garages looking for quality parts and brands as well as a reliable service.

Although just an hour away from Spartan's main distribution centre, Morecambe has a wide and varied customer base meaning no two parts orders are ever the same. By increasing stock availability on-site, local customers will now have quicker access than ever before to get the right parts when they need them.

Spartan stocks over 70,000 car parts, car care, oils and lubricants and this range is constantly evolving. For example, component supplier Quinton Hazell (QH) has recently added a range of parts for the Tesla Model S, one of the most popular electric cars in the UK car parc. Tesla's success coupled with the push for cleaner cars in the future has led to a continued push

CONTINUED







by vehicle manufacturers to develop cleaner and more efficient cars, leading to constant updates of components. Now more than ever is the right time to ensure the parts aftermarket has the capacity for expansion and ability to continue supplying independent garages.

Morecambe's expansion has also led to a new look retail space, serving local motorists with parts, consumables and accessories from a bright and welcoming shop area. Located on the junction of Thornton Road and Lancaster Road, the new look shop is already open and serving customers whilst the warehouse expansion work is underway.

Spartan Managing Director, Emma Tiernan said; "The new branches look fantastic – thank you to all the Spartan team involved! From the overhaul of Morecambe to the brand-new sites like Colchester, everything is on-brand such as signage and vehicle livery. The staff we have across the group, new and old, make me proud to be part of it."



THE ONLY WAY IS ESSEX EXPANSION IN THE SOUTH EAST

Whilst work is ongoing in Morecambe, at the other end of the country Spartan opened a brand new branch in Essex. Located in the Highwoods area of Colchester, the newest addition to the Spartan family stocks all the usual products from top OE and OE matching quality suppliers, including Quinton Hazell and Denso components, TJ and UFI Filters, Carlube Triple R and Castrol oils, plus many other leading brands including Brembo, Pipercross, ROC and more!

The branch has a fleet of seven delivery vans to get parts out to customers as quickly as possible, with each van boasting the new livery featured in the last issue of SPARK.







"We have major plans in place to expand the Spartan branch network to reach more and more independent garages across the UK. Our vast part range, incredible brands, and expertise in the aftermarket gives our customers great confidence in us." Continued Emma.

Our move into Essex doesn't stop in Colchester, as builders are now on site at our next new branch in Thurrock, plus there's more to come!



DON'T FORGET SPARTAN HAS YOU COVERED...

SPARTAN MOTOR FACTORS

- 70,000 Car Parts, Oil & Car Care
- Garage Equipment & Tools
- OeEMatching Quality Suppliers
- Rapid Delivery Across 35 Branches
- Points Reward On Everything You Spend



All-Season Comfort



Heating Solutions with AVA

When the season gets colder, make sure you're warm and safe. AVA's blowers, heaters and resistors are developed and tested to meet the right level of quality, ensuring maximum comfort in the vehicle cabin. All parts guarantee easy and trouble-free installation.

Upgrade your driving experience this winter. Don't just endure the cold - conquer it with AVA!

THE **CLEVER** CHOICE

- **BEST VALUE FOR MONEY**
- **PROVEN THERMAL PARTNER**
- **HIGH-QUALITY DATA**
- **TECHNICAL EXPERTISE**
- **OPTIMIZED PRODUCT RANGE**
- **QUALITY PARTS**

AVA THE CLEVER CHOICE

SPARTAN MOTOR FACTORS

SPARTANMOTORFACTORS.CO.UK





Quinton Hazell · DENSO · CI IGNITION · CAR GODS · brembo · HYCOTE THE PERFECT FINISH · UFI FILTERS

Castrol · TJ FILTERS · Pipercross PERFORMANCE AIR FILTERS · AVA QUALITY COOLING · ROC · Carlube TRIPLE R

CONTACT YOUR LOCAL SPARTAN MOTOR FACTOR BRANCH TODAY

Avonmouth | 01172 035888	Crosshands | 01269 832223	Scunthorpe | 01724 553333
Barry | 01446 501501	Cwmbran | 01633 920333	Stafford | 01785 413888
Blackwood | 01495 533666	Grimsby | 01472 483444	Swansea | 01792 277888
Bradford | 01274 905858	Intake | 01142 645735	Swinton | 0161 7939160
Bridgend | 01656 253909	Kilgetty | 01834 811108	Thurrock | 01708 599777
Bristol South | 01172 035666	Leeds | 01138 315444	Tredegar | 01495 533888
Burton | 01283 540619	Leicester | 01162 168888	Trent Vale | 01782 415526
Cannock | 01543 502813	Morecambe | 01524 409099	Weston | 01934 533888
Cardiff | 02921 304888	Newport | 01633 920888	Whitchurch | 01948 666674
Cardiff East | 02920 553954	Nuneaton | 0247 5417777	Williamstown | 01443 423224
Cardiff North | 02921 303333	Patricroft | 0161 7895824	Woodford Bridge | 02085 592747
Colchester | 01206 482041	Rochdale | 01706 395555	