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PEAK PERFORMANCE

The All-New Niro Plug-in Hybrid: electric in the city, efficient on the open road



WELCOME to *Kia Business*.

Anyone with one eye on the news will be aware of the pressures on the automotive industry, and how the world of motoring is rapidly changing as a result. Congestion charges, 'toxin taxes' and legislation on automotive powertrains mean

that the cars we purchase and drive in years to come will be dramatically different - with hybrids, plug-in hybrids and pure electric cars leading the way.

Luckily, Kia has always had one eye on the future. This September, we launched two plug-in hybrids to join our fast-growing range of electrified powertrains

The All-New Niro Plug-in Hybrid boosts the formula of the already hugely popular Niro hybrid crossover by offering up to 36 miles of all-electric, zero-emissions driving, while the All-New Optima Sportswagon Plug-in Hybrid adds even more stylish load space to the successful Optima Plug-in Hybrid saloon.

It's not just hybrids propelling Kia's expanding range, though. The All-New Stonic - Kia's first compact, city-friendly B-SUV crossover - will launch in October, when orders will also open for the All-New Stinger, perhaps Kia's most eagerly anticipated car in years.

The All-New Stinger is the ultimate personification of a passion for performance, technology, style and comfort that we put into every one of our cars.

After all, at Kia we love to deliver the Power to Surprise. So, even if the cars we drive in the future are increasingly propelled by electricity, rather than petrol or diesel, we know they can still delight, thrill, engage and satisfy in equal measure.

Come and have a chat with us to find out more, or get a taste of the future of motoring with a test drive. **John Hargreaves,** Head of Fleet and Remarketing, Kia Motors (UK) Limited

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To test drive any of the cars featured in this issue call 01932 283943 or email enquiries@kiabusinesscentre.co.uk

All-New Stonic set to shake-up the compact SUV pack



The eye-catching All-New Stonic - Kia's first B-SUV compact crossover - has been revealed. It will go on sale in October 2017.

The All-New Stonic was designed primarily in Europe, and its striking exterior features a wider choice of paint options with more vibrant colours than any Kia before - including the availability of a two-tone roof on selected grades.

The interior offers a variety of vivid colour packs, and a range of infotainment features including Apple CarPlay™ and Android Auto™ - both of which are fitted as

standard on all grades. Passenger comfort has been a design priority, with class-leading shoulder-room, generous legroom and headroom, and a versatile 352-litre luggage area.

It will be available with a wide range of engines, including Kia's 1.0 T-GDi and 1.4 petrol engines, and a 1.6 CRDi diesel.

"The All-New Stonic will be one of the most compelling new cars in the rapidly expanding B-SUV class, backed by Kia's unique warranty and its reputation for reliability, quality and contemporary design," said Michael Cole, Chief Operating Officer of Kia Motors Europe.

"As the B-SUV segment expands, the All-New Stonic looks set to be one of our best selling cars." **You can read more about the All-New Stonic on page 16**

All-New Stinger orders open in October

Early orders for the All-New Stinger - Kia's first rear-wheel-drive performance fastback - can be placed from 1st October.

The sporting gran turismo has already been in the hands of the specialist motoring media, receiving particular praise for its design and handling.

You can read more about the All-New Stinger on page 12





Two new plug-in hybrids join the Kia range

The All-New Niro Plug-in Hybrid and the All-New Optima Sportswagon Plug-in Hybrid are now on sale.

Kia's two new plug-in hybrids join the All-New Niro hybrid, the Optima Plug-in Hybrid saloon and the Soul EV in Kia's range of alternatively fuelled vehicles.

Sales of hybrid and electric cars increased by 30% in Q1 2017, and Kia's expanded model line-up allows us to offer a full and diverse range of options to customers who want to lower their emissions and fuel bills.

With CO₂ emissions of 29g/km for the All-New Niro Plug-in Hybrid and 33g/km

for the All-New Optima Sportswagon Plug-in Hybrid, both models boast a benefit-in-kind (BIK) tax rate of just 9%, and are eligible for a £2,500 plug-in grant.

Learn more about the All-New Niro Plug-in Hybrid and All-New Optima Sportswagon Plug-in Hybrid on page 6

Kia supports new Electric Vehicle Experience Centre

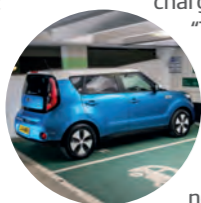
Kia is one of the key brands on show in the UK's first dedicated multi-brand Electric Vehicle Experience Centre in the heart of Milton Keynes.

Visitors can get advice on using and recharging electric cars from trained, impartial EV product gurus, or test drive the latest EV models.

The Electric Vehicle Experience Centre is run

by Chargemaster, operator of the Polar Network - one of the UK's biggest public charging networks.

"This is a landmark moment for EVs in the UK," said Chargemaster Chief Executive David Martell. "The next five years will see the uptake of EVs ramp up as a wider choice of models come to market, with improved range and greater desirability."



EV NEWS ROUND-UP

- The Electric Vehicle Experience Centre is part of Milton Keynes' ambition to be the UK's first Go Ultra Low city, with the aim of 23% of new-car sales being EV models in five years.
- Chargemaster predicts that one million electric cars will be on UK roads by 2022, following the registration of the

100,000th plug-in car in May. It is focused on using 100% renewable energy sources for its charging network.

- The AA Trust - a joint founder of the EVEC - is launching its own programme of electric car experiences. Drive Electric teaches drivers how to get the best from electric vehicles.

All-New Niro scores 'top hybrid' award

The All-New Niro hybrid recently topped the hybrid category in the 2017 *Diesel Car & Eco Car* awards.

Ian Robertson, Editor and Publisher of *Diesel Car & Eco Car*, said: "Some hybrids have come under fire for being awkwardly styled, but not the Kia Niro. It embraces the

booming crossover trend, but still offers wallet-friendly running costs. Looking just as stylish as the Sportage SUV, the Niro can return over 70mpg and offer all the space a family should need.

The Kia cee'd and Sportage also scored highly in *Diesel Car & Eco Car's* overall top 50.



Kia ties with Volvo to top JD Power's Dependability chart

The reliability and initial quality of Kia vehicles has been validated by the JD Power 2017 UK Vehicle Dependability Study.

The study - which is based on responses from 12,000 first owners of new vehicles - measures problems experienced during the last 12 months.

Kia topped the charts, tying with renowned premium brand Volvo for the fewest number of problems per 100 vehicles.

Kia has also topped JD Power's 2017 US Initial Quality Study for the second year in a row, leading class segments with the All-New Niro, Soul, Sportage and Sorento.



Kia UK president receives Autocar leadership award

Kia UK's President and Chief Executive, Paul Philpott, has been recognised as one of the UK automotive industry's Outstanding Leaders in *Autocar's* annual awards.

Autocar said Paul "fired Kia into the mainstream", trebling Kia's sales in 10 years, and establishing Kia's 188-strong dealer network's reputation for customer satisfaction.

"This is a tremendous honour," said Paul. "I share it with an excellent team at Kia, and a dealer network focused on great service."



KIA SHOWS NEW HATCHBACK CONCEPT AT FRANKFURT

Kia has given a taste of what the next-generation cee'd could look like with the unveiling of a bold new concept car at the Frankfurt Motor Show.

The concept presented a new body type for the Kia range, with an extended hot hatch styling that retains the sporty athleticism of the current pro_cee'd model, while combining its striking visual presence with a dash of real-world versatility.

It was crafted at Kia's European design centre in Frankfurt - just 500 metres from where it was unveiled.



KIA HITS A SIX WITH CRICKET SPONSORSHIP

Kia has been celebrating a stellar summer of cricket in 2017, with a prominent sponsorship of Sky Sports' live TV coverage of England matches and the womens' Kia Super League.

Fans of grassroots local cricket will have also seen the Kia logo out on the pitch. This was a result of our 'Gift of Kit' incentive, which allowed Kia dealers to back their local teams

with the offer of a free sponsored kit.

It all backs up our long-standing sponsorship of the Kia Oval and the Surrey County Cricket Club, and our sponsorship of the Women's National Team.

Learn more about Kia's cricket sponsorships at skysports.com/kia and ecb.co.uk/kiasuperleague



cee'd & Sportage get the Auto Express Driver Power vote



The Kia cee'd has been voted 'Best Compact Family Car' in the 2017 New Car Survey *Auto Express* Driver Power survey.

With a total score of 93%, the cee'd was praised for its fuel efficiency and low running costs, as well

as its infotainment and connectivity features. It was the fifth-ranked car overall.

The Sportage was ranked 12th overall in the Driver Power survey, while Kia scored third overall in the manufacturer ranking for vehicle satisfaction.



TWO WHEELS GOOD, FOUR WHEELS BETTER

The All-New Niro Plug-in Hybrid takes the fuel-efficiency of the Niro hybrid to new heights, adding 36 miles of electric range for good measure

WORDS TOBY WALLER | IMAGES MALCOLM GRIFFITHS

One of the joys of a country bike ride – as any keen cyclist knows – is the silence. Rolling along a traffic-free lane or a quiet riverside towpath, you're left alone with your own thoughts, rather than the noise and bustle of city living.

This makes Lee Valley VeloPark (visitleevalley.org.uk) something of an urban oasis for cycling enthusiasts. Located in the heart of London's rejuvenated Stratford suburb, its centrepiece is the 1,500-seater velodrome, which hosted indoor cycling events for the 2012 London Olympics.

You can try out the banked 250-metre track on which Team GB won seven gold medals, but there's plenty of space for outdoor cycling enthusiasts to enjoy, too – including a one-mile road course, five miles of mountain bike trails, and traffic-free paths to the rest of the Olympic venues.

All of which makes Lee Valley VeloPark the perfect destination for Kia's All-New Niro Plug-in Hybrid. Thanks to its hybrid powertrain it delivers all-electric, zero-emissions driving for most urban journeys. You can silently roll into the Lee Valley VeloPark on electric power, unload your

two-wheeled ride from the spacious rear, then enjoy some of London's best and quietest urban cycling routes – all without making any real impact on the environment.

ADDING PLUG-IN VERSATILITY

The All-New Niro Plug-in Hybrid is the next step up from the All-New Niro hybrid – which made a big impression on its launch in 2016. With its simple non-plug-in hybrid powertrain, the All-New Niro hybrid introduced a new wave of motorists to the benefit of adding electric power to a petrol engine, in order to improve fuel efficiency and lower emissions.



The All-New Niro Plug-in Hybrid takes that formula to the next level. It uses the same 1.6 GDi direct-injection petrol engine as the standard Niro hybrid, but adds a more powerful 44.5kW electric motor that boosts electric power by 40%. A higher-capacity 8.9kWh version of Kia's advanced lithium-ion battery pack extends the all-electric range to 36 miles – easily more than enough to cover most everyday journeys such as daily commutes, school runs and shopping trips.

With the plug-in connector, you can connect the All-New Niro Plug-in Hybrid to a work-based or public charger to recharge the battery during the day, or use a home-based charger overnight for an even more cost-effective charging solution. On longer journeys, the 1.6 GDi engine offers the benefit of petrol range and convenience.

The benefits of that electric/petrol mix quickly add up, with fuel economy up to 217mpg (combined) and CO₂ emissions as low as 29g/km on the New European Driving Cycle. That means the All-New Niro Plug-in Hybrid is congestion-charge free in London, with an 9% benefit-in-kind (BIK) tax rate. It is also eligible for a £2,500 plug-in grant.



are free to use with their £7.85 per month membership fee, which makes it great for ad-hoc, on-the-go recharging. Our brief stop nets a healthy 15% of charge, worth five miles of zero-emissions running.

On longer charge cycles that last an hour or two – a shopping trip, a meal or watching a film – the benefits of using public charging add up, especially when you consider the growing range of companies offering a wide array of recharging options.

The All-New Niro Plug-in Hybrid can even recharge itself to impressive levels while on the move, with the 'Hybrid' mode channelling unused energy from the 1.6 GDi engine back to the battery while the car is coasting at speed or idling in stop-start traffic. There's nothing quite so satisfying as watching the battery charge drift upwards in a traffic jam, knowing that you're earning back free kWh of zero-emissions running as compensation.

THINKING AHEAD FOR EFFICIENCY

The All-New Niro Plug-in Hybrid's intelligent powertrain doesn't just live 'in the moment' to blend the most-efficient combination of electric and petrol power. It can even think ahead, using a brand-new Eco Driving Assistant System (Eco DAS) to let the driver and the intelligent hybrid system know how best to optimise energy use.

Coasting Guide Control (CGC) lets drivers know when they can lift off the accelerator and coast towards a junction, regenerating the battery under engine deceleration.

Predictive Energy Control (PEC) uses the sat-nav and cruise control systems to anticipate topographical changes such as inclines or bends. It then determines when the hybrid system should use energy in the most efficient way – for example, retaining battery power ahead of a steep incline, knowing it can deploy more power uphill and recharge itself going down the other side.

Working with a six-speed dual-clutch transmission (DCT) that is smoother, more engaging to drive, and more efficient than the continuously variable transmissions in other hybrids, the All-New Niro Plug-in Hybrid's intelligent powertrain makes hybrid driving totally effortless.

Crossing London to Lee Valley VeloPark, we can make the most of all-electric power for the majority of the journey, and we don't even have to pay the congestion charge.

NO COMPROMISE ON LOAD SPACE

Because the All-New Niro Plug-in Hybrid's chassis was engineered from the start to accommodate hybrid powertrains, there has been minimal effect on the volume and versatility of the load space.

With the high-capacity battery pack located beneath the boot and rear seat bench, the All-New Niro Plug-in Hybrid offers up to 324 litres (VDA) of rear load space with the rear-split 60:40 seats up and 1,322 litres (VDA) with them folded down.

That's more than enough room for a bicycle and all its associated equipment. ▶



“YOU CAN SILENTLY ROLL INTO THE LEE VALLEY VELOPARK ON ELECTRIC POWER, THEN ENJOY SOME OF LONDON'S BEST AND QUIETEST URBAN CYCLING ROUTES”

Left: Crossing London, we don't have to pay the congestion charge, thanks to the All-New Niro Plug-in Hybrid's low-emissions rating

Above: The interior of the All-New Plug-in Hybrid features clean blue highlights to show its 'eco' status, as well as hybrid-specific dials and sat-nav features

Please note: Imagery shown is for illustrative purposes only, and not to final UK specification



PUTTING YOU IN CHARGE

But how does all of this work in practice? We borrowed the All-New Niro Plug-in Hybrid for a weekend of activities, trying to make the most of electric driving and recharging, without impacting our day.

By far the most cost-efficient way to recharge the All-New Niro Plug-in Hybrid is a dedicated home charger, using the benefits of 'slow' charging at low overnight rates. But, even for those of us – like myself – who don't have access to a home charger, there are lots of ways to top up the All-New Niro Plug-in Hybrid's battery while on the move.

On a day trip out of London, we use electric power to get us out of the suburbs and onto the M3, where the 1.6 GDi petrol engine kicks in and works with the electric motor to offer the best blend of petrol power and electric efficiency. When a brief boost of power is needed for overtaking, the petrol engine and electric motor combine to offer a sporty 139bhp and 265Nm of torque.

During a quick 15-minute grocery shop, we connect the All-New Niro Plug-in Hybrid to one of the chargers of the Polar Network (polar-network.com). Around 80% of the Polar Network's 5,000 city-based chargers

“WHEN LOW-EMISSIONS
PLUG-IN HYBRID DRIVING
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TO GET AROUND IS
ON TWO WHEELS”



Main and above:
There's more than
enough room in the
All-New Niro Plug-in
Hybrid's spacious
rear for cycling gear

Add on genuine Kia accessories – such as an aerodynamic roof box or a roof-mounted bicycle rack – and the All-New Niro Plug-in Hybrid is just as perfect for a weekend cycling trip as it is for the weekly food shop. Inside, there are plenty of cubby holes for the everyday paraphernalia of life, making the All-New Niro Plug-in Hybrid a car that's great for families.

FULLY CONNECTED IN COMFORT

The interior of the All-New Niro Plug-in Hybrid has been designed to deliver the benefits of hybrid driving in comfort and style, without effort or distraction, and offers an impressive level of equipment and in-car technology as standard.

The leather-covered steering wheel and upholstery complement the modern metallic blue highlights on the interior and exterior, while heated and cooled seats and a 'driver-only' air conditioning option offer an energy efficient solution when you're driving the All-New Niro Plug-in Hybrid on your own.

In the instrument binnacle, a charge dial takes the place of the rev counter to show when you are driving efficiently – using more

power, or recharging the battery during regenerative braking. This is supplemented by displays on the central 4.2" TFT screen, which show the energy flow of the hybrid system – whether it's from the petrol engine or battery to the wheels, or from the engine and wheels back to the battery.

The same eco-driving information can also be displayed on the 8" LCD touchscreen in the main centre console, while the built-in sat-nav can be used to guide you to either the nearest charge points and petrol stations, or ones that are near your destination. You can also search for other useful points-of-interest – such as car parks, cash machines, shops and restaurants.

The All-New Niro Plug-in Hybrid is designed to work seamlessly with selected smartphones. Android Auto™ and Apple CarPlay™ let you use voice commands to make calls, listen to and dictate SMS text messages, or choose what music to play through the premium sound system, while the wireless smartphone charger allows you to top-up compatible phones. Kia Connected Services powered by TomTom® provides live traffic updates and weather forecasts.

That's not the end of the technology features, as the All-New Niro Plug-in Hybrid is fitted with a full suite of safety and convenience features that make driving easier – including front and rear parking sensors with a rear-view camera, Autonomous Emergency Braking, Lane Keeping Assist, Driver Attention Warning, and Smart Cruise Control.

When low-emissions plug-in hybrid driving is this safe, this smart, this effortless, and this efficient, it really does feel like the only better way to get around the city is on two wheels. Thanks to the All-New Niro Plug-in Hybrid and a bicycle in the back, you can do both. ■



THE ALL-NEW SPORTSWAGON PLUG-IN HYBRID: LOADS BETTER

The All-New Niro Plug-in Hybrid is one of two models arriving this September to gain the benefits of Kia's enhanced plug-in hybrid powertrain.

The All-New Optima Sportswagon is getting a plug-in hybrid version to sit beside the Optima Plug-in Hybrid saloon in an expanded Optima range.

The All-New Optima Sportswagon Plug-in Hybrid uses the same intelligent hybrid powertrain as the All-New Niro Plug-in Hybrid, which automatically selects the best choice of electric power, petrol engine, or a blend of both for best efficiency. Just like the All-New Niro Plug-in Hybrid, it can even recharge itself on the move with regenerative braking.

In electric mode, the All-New Optima Sportswagon Plug-in Hybrid's 50kW electric motor and advanced 11.26kWh lithium-ion battery deliver up to 38 miles of zero-emissions all-electric range, with the benefit of low-cost recharging at home or with public chargers. For longer journeys, the 2.0 GDI offers the convenience and range of a petrol engine, while



– in all modes – a six-speed automatic gearbox delivers a seamlessly smooth driving experience.

The impact of this intelligent system is CO₂ emissions as low as 33g/km, with fuel efficiency as high as 201mpg (combined). As a result, the All-New Optima Sportswagon Plug-in Hybrid is congestion-charge free in London, with a 9% benefit-in-kind (BIK) tax rate.

When the 2.0 GDI petrol engine and electric motor work together, the All-New Optima Sportswagon Plug-in Hybrid has a combined 202bhp and 375Nm, which makes moving heavy loads easy. Thanks to the load space of the All-New Sportswagon Plug-in Hybrid – 440 litres (VDA) when the 40:20:40 split-fold rear seats are upright, and 1,574 litres (VDA) when they're lowered with the simple one-touch handles – you'll certainly make the most of that extra power.



GRAND AMBITION

The All-New Stinger has been designed to impress with its pace-setting looks and continent-crossing performance

WORDS TOBY WALLER

It's here. After all the rumours and teased images, the All-New Stinger - perhaps the most eagerly awaited Kia in years - has finally been revealed.

Inspired by Kia's stunning GT concept, the All-New Stinger has been engineered and styled to deliver a genuine 'gran turismo' experience - the performance to cross continents in comfort and class. Leading its design were Kia Motors' Chief Design Officer, Peter Schreyer, and Chief Designer for Kia Motors Europe, Gregory Guillaume.

"Gregory and I dreamed about creating this sort of car at Kia for years," says Schreyer. "We always talked about the great gran turismos of the 1970s - like the Maserati Ghibli, which people drove from Paris to the south of France. It wasn't about being fastest and first to arrive at the destination; it was all about travelling and arriving in style."

Guillaume has been dreaming about and drawing performance cars since he was a child, and describes the All-New Stinger as Kia's take on those core gran turismo principles. "It's not about outright power, hard-edged dynamics and brutal styling at the expense of luxury, comfort and grace," he says. "This car is all about the journey. It's about passion."

DESIGNED TO THRILL

A wide 1,870mm front track, working with a low 1,400mm-high roof give the All-New Stinger a wonderfully low-slung stance - confidently stable, and athletically sporty. The long bonnet and short front overhang reinforce the potency of the engine beneath, while keeping more of the car's weight between the wheels.

The All-New Stinger is slightly longer than some of its rivals at 4,830mm, but that gave Kia's engineering team an extended 2,905mm wheelbase in which to deliver more legroom, as well as ensuring better cornering stability. It's a classic case of style and function - design and engineering - working in perfect harmony.

The steeply raked windshield, positioned far back on the body, delivers an added sense of speed, while the muscular shoulder-line gives the car a dynamic poise that visually enhances its rear-wheel-drive credentials.

The large fastback tailgate reinforces that swooping sports car feel. It was designed as much with luggage space and practicality in mind as style, and can be opened remotely with the Smart Key that is standard on all grades. ▶

Aggressive body-mounted aerodynamics – such as wings and flaps – have been kept to a minimum, in favour of discrete but sporty bonnet vents, front bumper air-curtain vents and wheel arch gills. A smooth underbody works with the integrated rear diffuser to lower drag and reduce aerodynamic lift. It all lends the All-New Stinger a profile that is wonderfully laid-back, with the hint of yet-to-be unleashed performance underneath.

“Because we’ve got a rear-wheel-drive layout for the first time, it gave us this opportunity to create classic luxury sports car proportions,” says Schreyer. “You can see it in the stance – how the wheels are pushed to the corners, the high front fender, and the long bonnet with that generous distance from the front wheel to the A-pillar.

“From the rear, you can see the tension in the roofline. You don’t realise it from the side, but there’s a real Coke-bottle shape to the car, with the shoulders extending out quite far to give it that classic sports car look.”

ENGINEERED TO PERFORM

It doesn’t matter how good a car looks, though, if it doesn’t deliver on the road. The All-New Stinger is one of the first clean-sheet Kia designs to benefit from the hiring of the new Head of Vehicle Test & High Performance Development, Albert Biermann. This is a man with 30 years’ experience of delivering high-performance cars, most notably at BMW’s ‘M’ division.

The All-New Stinger’s chassis was designed using 55% advanced high-strength steel to deliver strength and rigidity, as well as lightness to boost performance and fuel efficiency. The suspension is optimised for both sporty handling and quiet refinement at speed, with MacPherson struts at the front and a multi-link suspension with a reinforced anti-roll bar at the rear. It uses electronically adjustable Dynamic Stability Damping Control (DSDC), which reacts to the drivers’ inputs and can be tuned to firm or soften the front and rear dampers independently, delivering handling that is unique to each driver.

Braking has been optimised for each model, with the range-topping, V6-powered Stinger GT boasting quad-piston calipers with 350mm Brembo discs at the front, and dual-piston calipers with 340mm Brembo discs at the rear.

THE POWER UNDER THE SKIN

The All-New Stinger will be available exclusively with rear-wheel-drive when it goes on sale in the UK in October 2017, and comes with a choice of three engines. All of them use turbocharging to deliver impressive power and torque when needed, or effortless efficiency for long-distance cruising.

Starting the range is a 2.2 turbo-diesel with 197bhp and 440Nm of torque, while the 2.0 turbo-charged four-cylinder petrol engine delivers 244bhp and 353Nm of torque. Heading the engine line-up in the range-topping Stinger GT is a 3.3-litre twin-turbo V6. With 365bhp and 510Nm of torque, it can propel the Stinger GT from 0-62mph in 4.9 seconds, with a 168mph top speed.

Kia’s second-generation eight-speed automatic transmission with wheel-mounted paddles is fitted as standard. It uses a Centrifugal Pendulum Absorber (CPA) torque converter to reduce drivetrain vibrations, while the driver can select



“THE ALL-NEW STINGER IS A CAR THAT YOU WOULD NOT EXPECT FROM KIA. BUT IT’S A CAR THAT ONLY KIA COULD DO”

Above: A subtly longer wheelbase compared to its key rivals gives Kia’s All-New Stinger more interior room and improved handling

Below left: Every detail – from alloy wheels, to vents and headlights – reinforces the All-New Stinger’s gran turismo style



five different settings for throttle response and shift patterns – ranging from composed efficiency for long journeys, to track-ready performance.

Power is transmitted to the rear wheels via a limited slip differential, while Dynamic Torque Vectoring Control monitors driver inputs and road conditions to apply power and braking to the appropriate wheels for optimum grip.

OPTIMISED AT THE TRACK

It was all tuned at the Nürburgring’s infamous 13-mile Nordschleife layout, ensuring that the All-New Stinger has handling that is responsive and sporty when needed, with effortless gran turismo refinement and efficiency for long trips.

“Because the chassis is so incredibly stiff, and because we have a comparatively long wheelbase – all working with the aerodynamics – it means that the All-New Stinger is fantastically stable in faster corners,” says Biermann. “We spent a lot of time optimising how we shift torque between wheels to make it more fun and safer to drive.

“With technology such as Dynamic Torque Vectoring Control and Dynamic Stability Damping Control, we have all kinds of modes to give drivers a wide spectrum of driving characteristics.”

REFINED AND COMFORTABLE

A great gran turismo certainly needs to look and perform the part, but it should also feel great inside. “You need a balance between a serious cockpit for the enthusiast driver, while providing style and comfort,” says Guillaume. “The interior of the All-New Stinger harmonises perfectly with the exterior. It gives you an enclosed feel – incredibly comfortable, with a sports car feel to it.”

Inside the All-New Stinger, the enhanced width and longer wheelbase deliver a real sense

of space. The strong horizontal dashboard lines bridge a bold centre console that is split into two segments – an 8” touchscreen for the navigation and infotainment controls, sitting above more tactile climate and ventilation controls for the aeronautically inspired air vents. A wide sunroof – available on selected grades – floods the cabin with natural light.

Behind the thick leather-wrapped steering wheel is a single instrument binnacle. The red needles of the large metal-ringed analogue gauges have a smooth and satisfying pace to their sweep across the dials – just as you’d expect from a performance car. The central colour TFT screen can relay performance data such as cornering G-forces, alongside more road-relevant information such as navigation.

The deeply contoured ultra-soft Nappa leather seats, available on selected grades, are positioned just 180mm above the road – or 45mm lower than in the Optima saloon – for an incredibly cossetting sports car feel.

“The way that you sit – deep down in the cockpit – is one of the best things about the All-New Stinger,” says Biermann. “The seat goes down a lot, and you have a high shoulder-line, so it feels just like a sports car, but without sacrificing rear legroom. There aren’t many cars that look as sexy as this, where I can sit behind my own driver’s seat settings in comfort.”

As you’d expect, the All-New Stinger is also packed with a full range of infotainment and safety and convenience technology, including a head-up display that projects key driving data and navigation directions onto the windscreen, wireless smartphone charging, and a 720-watt, 15-speaker Harman/Kardon sound system with under-seat subwoofers on selected grades.

PASSION PERSONIFIED

In the short time it has been out in the world, the All-New Stinger has already made its mark. In January 2017, it received the EyesOn Design Award for Production Car Design Excellence, and early driving impressions from the specialist motoring media – never ones to give praise lightly – have been very positive (see right). That has all been to the satisfaction of its creators.

“The development of the All-New Stinger has been a long journey since we first unveiled the GT concept, but it has been such an exciting project for us all – and, for me, a dream car to work on,” says Schreyer. “When people see the All-New Stinger for the first time, I want them to have the same passion and excitement in their heads that we did when we designed it.

“We’ve made a lot of great cars at Kia, and I’m proud of all of them, but this is something special. The All-New Stinger is a car that you would not expect from Kia. But, on the other hand, it’s a car that only Kia could do.” ■

Orders for the All-New Stinger open in October. To register your interest or request a test drive, contact us on kia.com/uk/fleet or 01932 283943



DELIGHTING THE DRIVING PURISTS

Lucky members of the specialist motoring media have already had a chance to get a taste of the All-New Stinger. Clearly, they’ve been impressed.

“There’s no mistaking the statement that the Kia Stinger is intended to make,” said *Autocar*. “It has better proportions than a normal executive saloon. The cabin is more luxurious and enveloping than we’re used to from Kia. Legroom is good, and boot space is generous and accessible.

“The Stinger has fine steering weight, and an accomplished blend of high-speed stability and mid-corner adjustability to distinguish it even among premium-brand rivals. This feels like the beginning of something big for Kia.”

CAR was impressed by its taste of the Stinger GT on the famed Nordschleife.

“The Stinger is a handy piece of kit,” it said. “Great body control, well-weighted steering, and pliant rear-drive handling. It’s shockingly good to drive.



“The long wheelbase means there is stacks of legroom. It’s handsome, feels good and – being a Kia – will come loaded with kit, and is guaranteed to be strong on value for money. This car has real promise.”

Top Gear highlighted the All-New Stinger’s ‘gran turismo’ blend of grace and pace. “The Stinger looks good,” it said. “Long, low proportions help, and the voluptuous swell over the rear wheels. It’s a striking and graceful machine. The great talent is how natural it feels. A reassuring car to drive briskly.”



SMALL WONDER

The All-New Stonic is Kia's first B-SUV crossover. Compact on the outside, it's packed with big ideas, bold ambitions and a wealth of choice

"Colour is the place where our brain and the universe meet," the artist Paul Cezanne once said. He could have been talking about the All-New Stonic - Kia's new compact crossover, and a car which will redefine the way you think about city-friendly SUVs.

Delivering a striking design, with more paint colours and customisation options than any Kia before, the All-New Stonic puts your personality front and centre. It's incredibly practical inside, and packed with plenty of safety, convenience and infotainment technology.

On show to the public at the 2017 Frankfurt Motor Show, and on-sale in October, the All-New Stonic has been designed to truly stand out in the crowd.

SMALL, BUT GROWING

The market for compact crossovers - or B-SUVs - is one of the fastest growing sectors in the automotive industry, fuelled

by drivers looking for the perfect blend of the bold stand-out rugged styling, everyday versatility and confidently commanding road presence that SUVs offer, but all delivered in a smaller, city-friendly package.

As a result, sales of B-SUVs are predicted to overtake sales of larger C-SUV vehicles by 2020. That's more than one in 10 of the new cars that will be sold across Europe - or two million sales per year. All of which makes the All-New Stonic an important launch for Kia.

"The All-New Stonic will be one of the most compelling cars in this rapidly expanding class, backed by Kia's unique 7-year warranty, and our reputation for reliability, quality and contemporary design," said Michael Cole, Chief Operating Officer of Kia Motors Europe at the vehicle's launch in Amsterdam. "As the B-SUV segment expands, the All-New Stonic looks set to become one of our best-selling cars."

A STRIKING EXTERIOR

The All-New Stonic has been designed as the perfect alternative for drivers who traditionally have chosen superminis, family hatchbacks or MPVs, as well as those looking to downsize from a larger SUV.

The design of the All-New Stonic was inspired by the Kia Provo concept from the 2013 Geneva Motor Show. At the front, the signature 'tiger-nose' grille and sharp horizontal feature lines instantly mark it out in the crowded compact crossover pack.

The All-New Stonic is highly customisable, with a wide choice of 10 paint colours - including some eye-catchingly vivid options - and a floating-style roof with five colour options, allowing owners to choose from 20 different two-tone treatments.

"As the All-New Stonic is a new car for Kia in a new segment for our brand, we wanted to make it something truly special," says Kia Motors' Chief Design Officer, Peter Schreyer.

"As a result, the All-New Stonic is a fusion of an SUV and a road car. There is a real cheekiness to its character. The short overhangs and compactness give it a sense of agility. You can also choose 20 different variations, which is great for customers."

UNDER THE SKIN

The All-New Stonic will have a range of petrol engine choices, including the naturally aspirated 1.25 and 1.4 MPI. Kia's compact and powerful turbo-charged direct injection 1.0 T-GDi with 120PS and 171Nm will be available on range-topping editions, while a 1.6 diesel will offer the lowest CO₂ emissions in the line-up.

The All-New Stonic's underpinnings have been based on the hugely popular All-New Rio, with a strong, rigid, lightweight chassis manufactured from 51% Advanced High-Strength Steel. The front-wheel-drive layout and suspension has been tuned on

"THE ALL-NEW STONIC IS A FUSION OF AN SUV AND A ROAD CAR. THERE IS A REAL SENSE OF CHEEKINESS TO ITS CHARACTER"



Europe's most demanding roads for a driver-friendly blend of engaging dynamic handling and a refined stable ride.

The All-New Stonic will also come with Electronic Stability Control (ESC) and Vehicle Stability Management (VSM) - which includes Torque Vectoring by Braking, Straight Line Stability and Cornering Brake Control features - fitted as standard.

Other advanced safety and convenience features - including Autonomous Emergency Braking with pedestrian recognition, Forward Collision Alert, Blind Spot Detection, Rear Cross Traffic Alert, Lane Departure Warning System, High Beam Assist and Driver Attention Warning - will be available across the grade line-up.

MORE SPACE, MORE TECHNOLOGY

Although the All-New Stonic is compact on the outside, Kia's engineers have used every element of the chassis design to maximise

interior space, with generous leg- and head-room and class-leading shoulder room. In the rear, there's a versatile 352-litre (VDA) load space with a two-step boot floor. Up-front, the European-designed cabin offers a range of infotainment options - including Apple CarPlay™ and Android Auto™ as standard, delivering seamless integration for compatible smartphones.

The finishing touch is the ability to add vivid colour packs that offer an additional touch of interior customisation. Yes, the All-New Stonic is truly a place where colour, brain and the universe can meet. ■ **The All-New Stonic will be on show at the Frankfurt Motor Show from 14th September. Orders open in October 2017**

RANGE FINDER

The new MY18 Soul EV has an extended range of 155 miles, thanks to its larger battery pack. Just how far can you now travel on one charge?



● LONDON

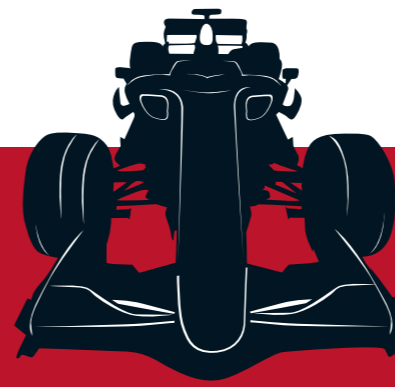
From London, Soul EV drivers can travel as far as Birmingham, Nottingham, Bristol, Bath or Cardiff on one charge

● MANCHESTER

Starting in Manchester, you can travel as far north as Newcastle-upon-Tyne, or as far south as Milton Keynes or Gloucester

● EDINBURGH

Starting in Edinburgh, you can travel as far north as Aberdeen or Aviemore, or as far south as Kendal or Sunderland



42 laps

Formula 1 fans can do 42 laps of the 3.7-mile Silverstone Circuit. That's over 80% of the race distance of this year's British Grand Prix



143 miles

Rugby fans can get from the 'Home of England Rugby' at Twickenham Stadium to the Millennium Stadium in Cardiff

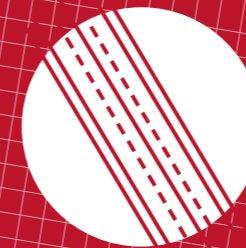


KEEN RUNNERS COULD DO ALMOST SIX LONDON MARATHONS



138 miles

Cyclists could complete the longest stage on this year's Tour de France - the run from Embrun to Salon-de-Provence on 21st July



120 miles

Cricket fans could get from the Kia Oval in London to Edgbaston Stadium in Birmingham in just one run. (Or they could do 12,403 runs...)



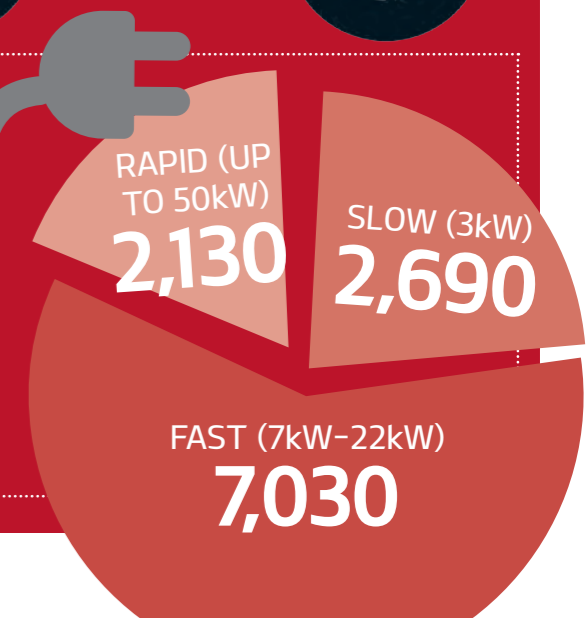
4 LAPS MOTORCYCLING FANS CAN DO FOUR LAPS OF THE 37.7-MILE ISLE OF MAN TT COURSE

IF YOU WANT TO GO EVEN FURTHER...

11,850

PUBLIC CHARGING POINTS

There are currently around 11,850 public charging points available across the UK, with a large proportion - especially at motorway service stations - being 'Rapid' chargers, which can recharge the Soul EV to 80% in around 30 minutes.



BUILDING A GREENER FUTURE

There's more to eco-friendly car design than a fuel-economic, low-emissions powertrain. Kia is focused on making manufacturing efficient, too



Kia builds more than 1.4 million vehicles a year at eight main manufacturing and assembly facilities in South Korea, China, Slovakia, Mexico and Georgia, USA. It also builds or assembles cars in Russia, Malaysia, Vietnam, Thailand, Pakistan, Iran, Egypt and Ecuador

Working environment

GREEN SPACES THAT REDUCE CO₂
The green landscape around Kia's facilities is crucial - not just because it gives staff a comfortable working environment, but also because it reduces the impact of CO₂



4.9 MILLION TREES
Around 30% of the area at each of Kia's manufacturing facilities is dedicated to green spaces. This includes around 4.9 million trees and ecology gardens filled with plants that are sensitive to environmental changes. These are constantly monitored as indicators of air quality

30% BETTER THAN LEGAL MINIMUMS
Kia's standard for air and water pollutants are 30% tougher than the legal minimums. Kia has reduced the pollutants created in manufacturing by over 44% since 2003. It is also working with local communities, with a clean-up programme to maintain natural streams and water courses

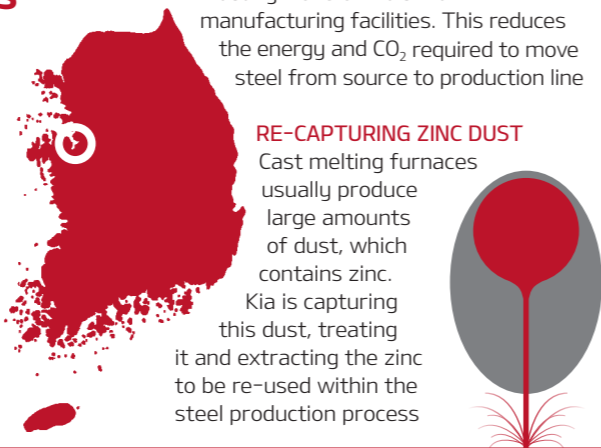
Raw materials

CONTROLLING STEEL QUALITY
Kia is one of a handful of car manufacturers to make its own steel, giving Kia even greater control over its quality and how efficiently it is made

STAYING CLOSE TO THE SOURCE OF STEEL
Kia's steel plant is based on the Asan Bay in South Korea, a few miles from

Hwasung - one of Kia's main manufacturing facilities. This reduces the energy and CO₂ required to move steel from source to production line

RE-CAPTURING ZINC DUST
Cast melting furnaces usually produce large amounts of dust, which contains zinc. Kia is capturing this dust, treating it and extracting the zinc to be re-used within the steel production process



Production line

12.4% LESS RAW MATERIALS
Despite modern cars being larger, stronger and more complex to build, Kia has reduced the amount of raw materials in its cars by around 12.4%

22% LESS STEEL
Thanks to increased use of high-strength steel, the amount of steel needed to make each car has been reduced by 22% since 2003

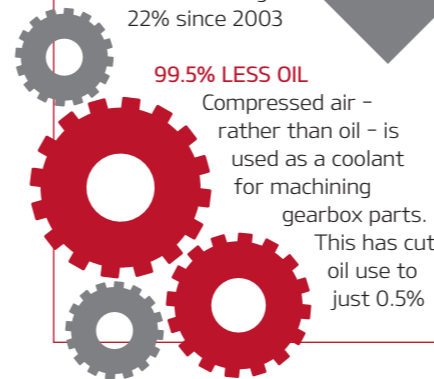
38% LESS WATER
Kia has reduced the amount of water consumed during the manufacture of each car by over 38% since 2003

11.7% LESS PAINT
A more efficient paint process means the amount of paint needed for each car has been cut by 11.7% since 2003 - without affecting the final quality of the finish

22% LESS STEEL

99.5% LESS OIL
Compressed air - rather than oil - is used as a coolant for machining gearbox parts. This has cut oil use to just 0.5%

IMPROVING ENGINES TO CUT CO₂ BY 25%
By 2020, Kia will have replaced 70% of its engine line-up with new, more efficient, lower emission powertrains. It's part of an ambition to improve fuel efficiency by 25% by 2020



Recycling waste materials

30% LESS WASTE
Kia is reducing the amount of manufacturing waste by using more efficient production methods. As a result, it has cut the leftover materials used while making each car by 30% since 2003

93.7% OF WASTE IS RECYCLED
Kia has a zero-waste-to-landfill ambition for all of its sites. It currently recycles 93.7% of the waste - around 219,000 tons of material - from its three main Korean plants. This is used to make cement, and other materials

8,092 TONS OF STEEL IS RECYCLED
Unused zinc-coated steel is sent to other steelmakers, while uncoated steel is recycled in Kia's foundry at Gwangju. In 2015, this totalled 8,092 tons of steel that could be reused, rather than wasted



External suppliers

MANAGING 30,000 PARTS
A modern Kia car is made up of around 30,000 parts. Kia is working with its third-party suppliers to ensure that every component that goes



into a Kia is made using environmentally friendly production methods, and can be recycled at the end of its life

SHARING KNOWLEDGE ABOUT ENERGY SAVING METHODS
Kia has developed its own computerised databases for

energy-saving techniques and the chemical composition of its car parts, and is sharing these with its suppliers

USING FEWER DELIVERY TRUCKS
Kia is reducing the CO₂ emitted during the delivery of parts from third-party suppliers by using larger trucks and integrating deliveries between companies

Every model in the Kia range comes with our pioneering 7-year warranty and is independently rated by Reevo. Read model reviews at kia.com/uk

COMPACT & FAMILY



ALL-NEW PICANTO

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £9,255	52.3 - 64.2	101 - 124	19 - 23	1.0-litre petrol 1.25-litre petrol



ALL-NEW RIO

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £11,800	46.3 - 80.7	92 - 140	19 - 27	1.0 T-GDi petrol 1.25 petrol 1.4 petrol 1.4 CRDi diesel



PRO_CEE'D

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £17,940	38.2 - 74.3	99 - 170	21 - 33	1.0 eco T-GDi petrol 1.6 GDi petrol 1.6 T-GDi petrol 1.6 CRDi diesel



CEE'D

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
£15,110	38.2 - 78.5	94 - 170	20 - 33	1.0 eco T-GDi petrol 1.4 petrol 1.6 GDi petrol 1.6 T-GDi petrol 1.6 CRDi diesel



CEE'D SPORTSWAGON

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
£18,330	54.3 - 72.4	102 - 120	22 - 23	1.0 eco T-GDi petrol 1.6 CRDi diesel



VENGA

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £12,340	43.4 - 64.2	115 - 150	25 - 29	1.4 petrol 1.6 petrol 1.4 CRDi diesel 1.6 CRDi diesel

TOURING



OPTIMA

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £21,440	64.2 - 67.3	110 - 116	24 - 25	1.7 CRDi diesel



ALL-NEW OPTIMA SPORTSWAGON

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £22,240	61.4 - 64.2	113 - 120	24 - 26	1.7 CRDi diesel



ALL-NEW STINGER

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
tbc	tbc	tbc	tbc	2.0 turbo petrol 2.2 turbo diesel 3.3 twin-turbo V6



CARENS

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £19,045	45.6 - 67.2	109 - 143	23 - 27	1.6 GDi petrol 1.7 CRDi diesel

SUVs



SOUL

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £13,755	40.9 - 58.8	127 - 156	27 - 30	1.6 GDi petrol 1.6 T-GDi petrol 1.6 CRDi



ALL-NEW STONIC

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
tbc	tbc	tbc	tbc	1.0 T-GDi petrol 1.4 petrol 1.6 CRDi diesel



SPORTAGE

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £18,240	37.2 - 61.4	119 - 177	25 - 35	1.6 GDi petrol (FWD) 1.6 T-GDi petrol (AWD) 1.7 CRDi diesel (FWD) 2.0 CRDi diesel (AWD)



SORENTO

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £28,595	42.8 - 49.6	149 - 174	31 - 36	2.2 CRDi diesel (AWD)

HYBRID & ELECTRIC



ALL-NEW NIRO HYBRID

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £21,490	64.2 - 74.3	88 - 101	17 - 19	1.6 GDi petrol hybrid



ALL-NEW NIRO PLUG-IN HYBRID

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £27,940*	217.3	29	9	1.6 GDi petrol hybrid



ALL-NEW OPTIMA PLUG-IN HYBRID

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £31,440*	176.6	37	9	2.0 petrol hybrid



ALL-NEW OPTIMA SPORTSWAGON PLUG-IN HYBRID

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £32,590*	201.8	33	9	2.0 petrol hybrid



SOUL EV

P11D	MPG	CO ₂ g/km	BIK %	ENGINE OPTIONS
From £25,940**	n/a	0	9	30kWh lithium-ion battery

* Including £2.5k Plug-in Car Grant
** Including £4.5k Plug-in Car Grant

Pay the same upfront to get more behind



CONTRACT HIRE
FROM
£179
PER MONTH

GET AN ALL-NEW
OPTIMA
SPORTSWAGON
FOR THE PRICE
OF A SALOON



It's time for a closer look at the All-New Kia Optima Sportswagon



The Power to Surprise



Fuel consumption in mpg (l/100km) for the model shown: Urban 54.3 (5.2), Extra Urban 74.3 (3.8), Combined 64.2 (4.4), CO₂ emissions 113g/km. MPG figures are all official EU test figures for comparative purposes and may not reflect real driving results. Model shown: All-New Optima Sportswagon '2' 1.7 CRDI 139bhp 6-speed manual ISG at £179 per month on contract hire. Example excludes VAT and is based on 3 years, 10,000 mile per annum, non-maintained, initial equivalent to 6 monthly rentals, followed by 35 rental payments thereafter. Excludes Shetland Islands from headline rental price T&C's apply. Prices and specification correct at time of going to press. Offer of All-New Optima Sportswagon for the price of a saloon only available on 6+35/ 10,000 miles per annum profile. For Business Users only. Kia Finance RH2 9AQ. When ordered and registered by 30th September 2017. 7 year/ 100,000 mile manufacturer's warranty. For full terms and exclusions visit kia.com/uk