



**UNDER EMBARGO UNTIL JULY 13, 2017 AT 3:00PM EST**

# NEWS

## 2018 JAGUAR E-PACE: A COMPACT PERFORMANCE SUV WITH SPORTS CAR LOOKS

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- All-new Jaguar nameplate offers sports car design and dynamics in a five-seat compact performance SUV
- Latest connectivity and practicality for busy families with streaming for up to eight devices via the optional 4G Wi-Fi hotspot<sup>1</sup>
- InControl Touch Pro™ infotainment system featuring 10-inch touchscreen connects customers to smartphone applications via InControl Apps function<sup>2</sup>
- Large 12.3-inch full color TFT driver display and Head-Up Display systems available for added driver convenience<sup>3</sup>
- Available Configurable Dynamics technology delivers Jaguar dynamics, allowing customers to personalize throttle, steering and transmission settings<sup>3</sup>
- Lightweight suspension architecture, all-wheel drive, available Active Driveline and torque vectoring by braking systems aid in agility and multi-surface traction<sup>3</sup>
- Sports car-inspired design includes sports-style gear shifter and optional 21-inch alloy wheels
- Features two four-cylinder Ingenium gasoline engine options producing 246HP and 296HP, each mated to a ZF® 9-speed automatic transmission
- On sale from the beginning of 2018; priced from \$38,600<sup>4</sup>

**(MAHWAH, N.J.) – July 13, 2017** – The Jaguar E-PACE is a five-seat compact SUV that packs the design and performance of a Jaguar sports car into a practical and connected all-wheel-drive vehicle. The newest member of the Jaguar family of SUVs, the E-PACE follows the brand’s first all-electric SUV, the I-PACE Concept, and the World Car of the Year-winning F-PACE performance SUV.

### RANGE SUMMARY

The E-PACE and E-PACE R-Dynamic are selectively available in Standard, S, SE and HSE specifications with a choice of two 2.0-liter four-cylinder Ingenium gasoline turbocharged powertrains delivering 246HP and 296HP.

TRIM	POWERTRAIN & OUTPUT	MSRP <sup>4</sup>
<b>CORE MODELS</b>		
E-PACE	2.0L I4 AWD, 246HP	\$38,600
E-PACE S	2.0L I4 AWD, 246HP	\$41,500
E-PACE SE	2.0L I4 AWD, 246HP	\$44,300
<b>R-DYNAMIC MODELS</b>		
E-PACE R-Dynamic S	2.0L I4 AWD, 296HP	\$47,250
E-PACE R-Dynamic SE	2.0L I4 AWD, 296HP	\$50,050
E-PACE R-Dynamic HSE	2.0L I4 AWD, 296HP	\$53,100
<b>FIRST EDITION</b>		
E-PACE First Edition	2.0L I4 AWD, 246HP	\$53,550

- more -

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## DESIGN

The Jaguar E-PACE blends sports car design with compact SUV practicality, removing compromise from the equation. The result is a car that will attract new drivers to the Jaguar family and energize the segment.

Short front and rear overhangs and the teardrop design of the side windows, inspired by the Jaguar F-TYPE, gives the newest addition to the 'PACE' family a purposeful stance. The front view of the compact SUV reveals a confident, assertive face that showcases its shared Jaguar DNA.

The fast sweep of the roofline works in harmony with the bold side window design, sending a clear message about the vehicle's dynamic promise. The body sides have the fuselage-like profile found in the most iconic Jaguar designs.

The muscular haunches, which taper towards the rear, draw inspiration directly from the F-TYPE sports car and contribute to the powerful stance of the vehicle. Sharp creases in the front and rear fenders further emphasize this.

The E-PACE also benefits from a bold grille that gives the vehicle an assertive attitude that is unmistakably Jaguar. LED headlights are similar in concept to those used on the F-TYPE sports car. E-PACE S-models and above feature signature Jaguar J-blade daytime running lights, which flow around the outer edges of the headlights.

The rear of the vehicle features taut surfaces and muscular haunches fused with the sharp lines of the rear light clusters. The slim, blade-like rear lamps feature full LED technology and are another sign of the model's shared DNA with the flagship Jaguar sports car.

The standard body-colored metal roof, optional black contrast roof or optional fixed panoramic roof gives customers an opportunity to personalize their vehicle. The black finish extends the entire length of the roof, from the windshield to the trailing edge of the roof spoiler in a style that mirrors the F-TYPE Coupe.

The E-PACE can be specified in 11 exterior colors, either Caldera Red (First Edition only) or Fuji White (Non-Metallic); Borasco Grey, Firenze Red, Caesium Blue, Yulong White, Indus Silver, Santorini Black or Corris Grey (Metallic); and Farallon Pearl Black or Silicon Silver (Premium Metallic).

### Beautiful details

- Emphasizing its dynamic stance, the E-PACE will be available after launch with a 21-inch wheel option<sup>8</sup>. The five split-spoke, diamond turned Satin Grey rims provide the ultimate wheel-to-body ratio and are among nine available wheel options
- Side fender vents in polished chrome, a signature Jaguar design touch, provide an element of premium detailing to the E-PACE. On R-Dynamic models, the vents are finished in satin chrome
- The grille mesh features a 3D chamfering detail on the wide, flat hexagon motif to catch the light with a large Jaguar Growler grille badge at the center
- Inspired by jet engine tailpipes, the round tailpipe finishers are neatly integrated into the rear valance, providing a visual reminder of the vehicle's performance, exhaust note and refinement
- The large upper tailgate spoiler is a three-piece design that has been tuned for optimum airflow

The interior is further proof that the E-PACE is a compact performance SUV. Its dynamic, modern, high-quality design amplifies the driving experience, while providing space and practicality for passengers.

Occupants are enveloped in premium materials, ensuring every touch point emphasizes the sense of quality. Soft trimmed door casings with cool touch, satin chrome door handles, beautifully crafted leather-clad fascia and seat upholstery with twin-needle stitching all enhance the sense of luxury.

The interior focal point is a wraparound cockpit with the passenger grab handle forming the boundary of the driver console – a design concept directly inspired by the Jaguar F-TYPE. Its geometry provides a powerful visual connection with the doors while the seating position gives the driver an elevated 'Sports Command' driving position, offering excellent visibility while retaining a cockpit-like feel.

The bold and intelligent use of color in the E-PACE is a hallmark of the interior, aided by a visually-cohesive linearity between the cockpit and doors. The color sections on the seats, instrument panel and door panels all echo a similar treatment found in the F-TYPE sports car – a strategy highlighted in R-Dynamic models, which combine a youthful color palette with brighter contrast stitching.

The choice of color scheme and premium instrument panel materials of the Jaguar E-PACE combine to create an interior that delivers sporty precision and tasteful simplicity.

The E-PACE breaks with tradition by favoring a premium Noble Chrome treatment over traditional wood trim finishes. The understated metal finish for key details such as the gearshift surround, instrument panel, side vents and door pulls gives the cabin a contemporary premium character.

Primary controls, such as the sports gear shifter and drive mode selector, have been carefully designed to promote driver engagement. The sports car interior provides the blueprint that reinforces the E-PACE interior's sporty feel and tunes the driver into the driving experience.

Premium leathers are used on key touch-points such as the steering wheel, center console grab handle and gear shifter to enhance refinement, while the secondary controls have been made simpler and more intuitive. The 10-inch touchscreen for the Touch Pro infotainment system reduces the number of hard switches while tactile and intuitive rotary dials operate the climate control functions. The optional 12.3-inch HD virtual Interactive Driver Display and full color Head-Up Display means the driver has easy access to vehicle information within their field of vision<sup>3</sup>.

The interior balances the driver-focused design with a broad emphasis on overall usability while providing generous passenger and luggage space for five people with ingenious small item storage solutions. The 2.22-gal (8.42-liter) center console compartment can house four large water bottles, as well as configurable cup holders and trays; the lockable 2.66-gal (10.07-liter) glovebox offers secure storage, while 2.79-gal (10.56-liter) front and 1.09-gal (8.26-liter) rear door pockets offer additional passenger storage space.

Attention to detail is also evident in the design of the interior lighting, which illuminates essential features such as handles and storage areas; optional Configurable Ambient Lighting enables customers to configure color settings to their personal preference.

The seat materials are designed for active lifestyles with durable, technical textile materials and contrast stitching in vibrant colors that emphasize the sportiness of the vehicle. Optional soft Windsor leathers with tonal stitching bring an air of additional luxury and refinement.

A number of beautiful details also show the fun and quirky side of Jaguar; on HSE models Jaguar 'contemporary animal print' designer labels are sewn into the shoulder hem of the front seats (in red on First Edition vehicles) and the same pattern is repeated on rubber mats in storage areas.

"Creating a dynamic, modern and relevant interior continues the promise of the E-PACE's exterior character as soon as the doors are opened," said Alister Whelan, Creative Director, Jaguar Interiors. "The soft, high-quality materials used throughout the cabin are the first 'handshake' with the customer, while charming British detail design leaves a lasting memory. The E-PACE interior design raises the bar for the compact performance SUV."

### **Spot the inspiration**

The Jaguar E-PACE features a number of details inspired by timeless automotive and design ideas:

- **Race circuit chicane:** The distinctive shape of a chicane inspired elements inside and outside the new E-PACE – most obvious in the light signature of the rear LED lamps
- **Camera:** The tactile rotary dials found at the center of the lower dashboard are inspired by the precise controls of a classic camera lens
- **Gestalt theory:** The theory that describes visual perception and how people organize visual elements into groups or unified wholes, even when they're not. The front console mats and seat

labels featured on HSE derivatives deliver on this promise, with a Jaguar print visible from certain angles

- **Wildlife:** A fun 'Jaguar Cub' design in the obscuration band of the windshield and integrated into the puddle lamp projection have been incorporated solely to put a smile on customers' faces

## **FIRST EDITION**

The E-PACE First Edition is available for the first full year of sales, powered exclusively by the 246HP turbocharged 4-cylinder gasoline Ingenium engine paired with the nine-speed ZF automatic transmission. First Edition models are carefully specified to showcase the unique design, performance and practicality of the Jaguar E-PACE and as such as based off of the R-Dynamic SE specification.

Three color options are available – Caldera Red, which is unique to the First Edition for the first 12 months, Yulong White and Santorini Black. Gloss Black detailing and distinctive 20-inch Satin Grey diamond-turned, split-spoke alloy wheels complete the exterior look.

A special soft grain Windsor leather interior in Ebony with red contrast stitching and an Ebony suedecloth headlining give the cabin a distinctive appearance. Configurable ambient interior lighting and the natural light from the fixed panoramic roof perfectly complement the spacious interior. The next-generation TFT Head-Up Display, additional charging points and loadspace rails ensure the First Edition has the perfect blend of personality, technology and real-world practicality.

Additional highlights include Configurable Dynamics, a gesture-controlled tailgate and Jaguar Activity Key, along with unique First Edition carpet mats and treadplates.

## **R-DYNAMIC DESIGN**

For customers who want their Jaguar E-PACE to make a clearer statement of its high-performance character, R-Dynamic models are the solution. It is available exclusively with the 296HP four-cylinder Ingenium engine in S, SE and HSE specification with a series of visual enhancements inside and out.

On the exterior, R-Dynamic models use a series of design upgrades to achieve their standout style and enhance the athleticism of the E-PACE. A unique front bumper provides deeper outboard air intakes and includes fog lights to promote the vehicle's sports car aesthetics.

Body-colored sills and lower rear bumper surfaces with a Gloss Black rear valance give the vehicle a stronger sense of power and purpose. Satin chrome detailing on the front grille surround and the fender vents provide the finishing touches.

Inside, R-Dynamic models retain the vehicle's exceptional comfort and refinement. Sports-style seats with unique shoulder profiles and deeper bolsters are the most eye-catching addition. The R-Dynamic seats feature a selection of leather seat finishes in vibrant colors with contrast stitching to highlight the model's sporty character.

Elsewhere, the Jaguar design team has enhanced key details; Jet Morzine headlining, brushed stainless steel pedals and R-Dynamic treadplates complete the vehicle's subtle change in character.

## **CHASSIS**

Chassis hardware developed specifically for the E-PACE provides the foundation for the compact performance SUV's impressive dynamic capabilities. The chassis is based on the sophisticated Integral Link rear suspension developed for the Jaguar F-PACE. The Integral Link architecture separates lateral and longitudinal forces, providing an excellent combination of responsive steering and handling with longitudinal impact absorption and refinement.

The vehicle's advanced rear suspension is also incredibly compact, maximizing interior space and allowing for generous wheel travel and articulation, giving the compact SUV added multi-surface capability.

The front suspension design further enhances the driver's connection to the road. The front knuckle is a lightweight hollow-cast aluminum component designed to provide additional camber for improved turn-in and minimized understeer. The specially-tuned front subframe of the E-PACE was developed to generate a stiff structure including solid rear mounts that contribute to the vehicle's connected steering feel.

The use of stiff suspension bushings and anti-roll bars enhance the sense of performance by improving steering responses and control while ensuring low roll angles; a key part of making the E-PACE drive like a true Jaguar vehicle.

"With the E-PACE, our aim was to develop a Jaguar SUV that feels and responds with the character of any of our rear-wheel drive vehicles. It was fundamental to us that E-PACE delivers exceptional drive dynamics, yet is refined and comfortable, and this was achieved with intelligent solutions, such as the compact Integral Link rear suspension and the semi-solid mounted front subframe," said Mike Cross, Chief Engineer of Vehicle Integrity, Jaguar. "Here is an all-wheel-drive compact performance SUV that has the precision and body control to make the E-PACE as rewarding for the driver as it is comfortable for the passengers."

Jaguar engineers have used lightweight aluminum suspension components extensively, increasing stiffness and reducing unsprung mass, to help achieve the vehicle's dynamic performance. The rear suspension is mounted on a light, stiff steel subframe to optimize both steering responses and refinement.

### **Configurable Dynamics and Adaptive Dynamics**

The optional Configurable Dynamics package available on the E-PACE allows customers to access even more of the compact performance SUV's rich dynamic range by enabling the driver to tailor the driving experience to suit both the conditions and their own personal preferences – selecting either Normal or Dynamic settings for the throttle response mapping, steering response, transmission shift speed and, where fitted, the Adaptive Dynamics suspension.

The optional Adaptive Dynamics system, available after launch, on the E-PACE introduces a continuously variable damper technology featuring a triple-tube design and externally mounted hydraulic valve that controls damping. This gave the Jaguar dynamics team greater scope to carefully tune the balance between handling responses and body control to deliver traditional Jaguar driving DNA. The system's benefits include quicker responses to inputs, better inside/outside wheel force distribution and a dedicated off-road tune<sup>3</sup>.

Adaptive Dynamics monitors vehicle movements every 2 milliseconds (0.002 seconds) and calculates the required damping force every 10 milliseconds (0.01 seconds). The package is designed to respond instantly to the driver's inputs and road surface changes offering the driver greater control by minimizing body roll and therefore providing a flatter, more balanced ride. Rough surfaces and off-road conditions are sensed immediately and the damping adapts instantaneously to retain its equilibrium<sup>3</sup>.

Drivers can select both Normal and Dynamic settings for the Adaptive Dampers through the available Configurable Dynamics system, as part of the JaguarDrive Control system. The Dynamic setting has been calibrated to provide increased body control, for a more connected and engaging drive. Using the Touch Pro system, customers can also access the Dynamic-i interface, which has a g-meter, stopwatch and a map of accelerator pedal response<sup>3</sup>.

JaguarDrive Control in all E-PACE models gives customers a choice of four driving modes, selected using buttons on the center console<sup>3</sup>:

- **Normal** – an optimum balance of performance, control and comfort for regular journeys
- **Dynamic** – a more engaging driving experience, with dedicated Dynamic settings for a wide range of vehicle systems. Depending on the vehicle specification, these can include the steering, throttle response, Adaptive Dynamics, AWD/Active Driveline, transmission shift strategy, Dynamic Stability Control and Torque Vectoring by Braking
- **ECO** – modifies settings to optimize fuel economy and encourage a more efficient driving style, with revised settings for throttle response, automatic transmission, climate control and other interior comfort features

- **Rain, Ice and Snow** – enhances stability in low-grip conditions with revised settings for Dynamic Stability Control, throttle response and automatic transmission

## **ALL-WHEEL DRIVE**

The E-PACE is equipped with a range of advanced technology to deliver agility and feedback during dynamic driving, efficiency during steady-state cruising and all-surface capability, delivered via a standard all-wheel drive (AWD) system<sup>3</sup>.

### **Standard Driveline**

The permanent AWD system reacts to driving conditions to seamlessly distribute engine torque for optimal control and confidence in all circumstances on the 246HP Ingenium gasoline engine.

In normal conditions, the system intelligently distributes torque between the front and rear to maximize stability and handling. On slippery surfaces the system can send almost all of the engine's power to the front or the rear if either axle loses traction.

### **Active Driveline**

The Active Driveline all-wheel drive (AWD) system on the 296HP Ingenium gasoline engine is a first for Jaguar that combines all-wheel traction with the unmistakable dynamic character of all Jaguar vehicles. The system's torque-biasing capability is designed to deliver assurance and dynamic handling<sup>3</sup>.

The Active Driveline AWD system can transfer almost all the engine torque to either the front or rear axles in extreme conditions. During steady state cruising, Active Driveline disengages the AWD system, sending power only to the front axle, reducing parasitic losses. The system can re-engage AWD seamlessly within just 300 milliseconds (0.3 seconds) when a change in driving conditions is detected<sup>3</sup>.

At the rear axle, two independent electronically-controlled wet-plate clutches distribute torque between the rear wheels, with the capability to direct 100 percent of that torque to either the left or right rear wheels in 100 milliseconds (0.1 seconds). The extraordinary capability of the Active Driveline AWD system is designed to assist the compact SUV in remaining stable and predictable in varying conditions<sup>3</sup>.

During cornering, the Active Driveline software analyzes yaw rate, throttle position, steering angle and lateral acceleration in order to pre-emptively distribute more torque to the outside wheels when needed contributing to a neutral and predictable base handling balance. If understeer is detected, the control unit is designed to send even more torque to the outer rear wheel, keeping the vehicle pointing where the driver is steering<sup>3</sup>. If oversteer is detected, the system is designed to stabilize the vehicle by locking both rear clutches equally to provide yaw damping, making it easier for the driver to recover from the situation<sup>3</sup>.

On low-friction surfaces, the Active Driveline system is designed to allow the driver to initiate power-on oversteer and maintain a controlled drift until the vehicle regains traction. On very slippery surfaces, Active Driveline is designed to maintain the vehicle's composure and fully utilizes available traction from each tire. The slip control unit monitors individual wheel speeds every 10 milliseconds (0.01 seconds) and adjusts torque transfer to each rear wheel to minimize wheel slip and maintain vehicle stability. During split friction conditions, the control system will lock both rear clutches to provide traction performance similar to that of a conventional AWD vehicle equipped with a locking rear differential<sup>3</sup>.

The technology ensures all four wheels are engaged when needed – pulling away from rest, accelerating around a corner or when poor road conditions are detected. When ECO mode is selected using the JaguarDrive controller, the disconnect thresholds are revised to optimize fuel efficiency, but in Rain, Ice and Snow and Dynamic modes, all-wheel drive is always on.

### **Torque Vectoring by Braking**

The E-PACE also offers a brake-based Torque Vectoring as standard that works with the car's AWD system to support the driver during cornering<sup>3</sup>.

The Torque Vectoring system uses the brakes to imitate the effect of a torque-vectoring differential, balancing the distribution of engine torque between all four wheels during cornering, improving grip and steering control, reducing understeer and enhancing driver confidence.

The Dynamic Stability Control (DSC) module equipped in the E-PACE uses the compact SUV's yaw sensors, steering input and longitudinal and lateral acceleration to spot the onset of under- and oversteer. Once detected, the system is designed to decrease engine torque and apply imperceptible levels of braking torque to individual wheels to alter the vehicle back to the driver's intended path<sup>3</sup>.

The Torque Vectoring system is active whether the compact SUV is on-throttle, off-throttle or braking. The level of intervention varies according to the selected JaguarDrive mode, with responses optimized for both Dynamic and Rain, Ice and Snow driving settings.

### **Multi-Surface Capability**

The E-PACE is also features All Surface Progress Control (ASPC) as standard; a low-speed cruise control designed to help drivers maintain control in low-traction conditions<sup>3</sup>.

Developed by Jaguar Land Rover all-terrain specialists, the system recognizes differences between surfaces to exploit available grip by automatically adjusting engine and brake settings. The intelligent ASPC system is standard across the lineup and functions between 1.1mph and 18mph (1.8km/h and 30km/h) to assist the vehicle as it moves away from a stopped position or navigates through slippery conditions such as icy roads, wet grass and muddy tracks.

The system can also maintain a comfortable, steady speed on steep inclines and descents, enabling the driver to focus fully on steering.

The system is operated using the cruise control settings and even works from a standstill, allowing the driver to pull away without touching the pedals and then maintain a steady, pre-set speed. A dedicated launch feature, Low Friction Launch, is also standard. It features a unique throttle map that is designed to assist the driver in maintaining control and operate the accelerator pedal as normal to pull away in challenging conditions.

### **Tested to Extremes**

From the demanding Nürburgring circuit and high-speed Nardò test track to the deserts of the Middle East and North Africa, the E-PACE has been put to the test in some of the world's most challenging environments. Jaguar engineers have braved freezing temperatures and high altitudes to ensure the E-PACE can withstand a lifetime of use in the hands of the most active and demanding customers.

"Jaguar engineers and dynamics specialists have meticulously developed the driveline to work in harmony with the E-PACE's chassis and stability systems," said Graham Wilkins, Chief Program Engineer, Jaguar E-PACE. "Months of tuning and calibration work on proving grounds, test facilities and public roads around the world have helped our engineers to deliver a fully capable compact SUV with Jaguar's trademark driving DNA."

## **ARCHITECTURE AND BODY STRUCTURE**

Jaguar engineers have used a variety of ultra-high-strength steels, lightweight aluminum, advanced composites and precision processes to create a compact SUV capable of delivering Jaguar dynamics and meeting global safety standards.

Throughout the vehicle body, the intelligent use of lightweight materials delivers the optimum balance of stiffness, strength and weight:

- The vehicle's powerfully profiled hood is produced from lightweight aluminum, saving up to 22.0-lbs (10kg) over an equivalent steel part. The front fenders are produced from the same weight-saving material, yielding a 6.6-lb (3kg) benefit
- The roof panel is produced from aluminum, reducing weight by 13.2-lbs (6kg) over an equivalent steel panel, lowering the vehicle's center of gravity for improved handling and stability
- A lightweight aluminum tailgate is 33.0-lbs (15kg) lighter than a conventional steel assembly. Its advanced design uses a riveting/bonding process pioneered by Jaguar, along with laser welding on selected joints to further optimize weight and quality

- The cross car beam structure, which supports the instrument panel, is a lightweight magnesium casting. The casting's precision makes a key contribution to the tight tolerances and high quality of the car's interior
- Thin bodysides made from a high formability steel – just 0.03-in/0.7mm thick – help shed an additional 7.7-lbs (3.5kg) over a conventional material

## POWERTRAIN

The Jaguar Land Rover Ingenium family of lightweight, all-aluminum 2.0-liter engines offer outstanding performance and refinement and are available in the E-PACE in two outputs:

Engine	Power	Torque
Ingenium Gasoline: P250	246HP @ 5500rpm	269lb-ft @ 1200-4500rpm
Ingenium Gasoline: P300	296HP @ 5500rpm	295lb-ft @ 1500-4500rpm

The 2.0-liter Ingenium engines are designed in-house by Jaguar Land Rover and produced at the company's £1 billion Engine Manufacturing Center in the West Midlands, UK.

An entirely new design, all Ingenium engines are based around a deep-skirt aluminum cylinder block featuring thin-wall, press-fit cast-iron liners for optimum weight, surface finish and robustness. Fuel is fed to the combustion chambers by high-pressure systems, providing precision injection with low noise and excellent mixture formation characteristics.

Highly-efficient variable geometry turbochargers create a rapid build-up of torque from very low revs, with maximum torque spread over a wide rev range for instantaneous response and strong acceleration on demand.

The modern four-cylinder Jaguar Ingenium gasoline engines give the E-PACE outstanding performance and refinement. The sporty compact SUV is available with 246HP and 296HP examples of the modular powerplant, producing 269lb-ft and 295lb-ft of torque respectively. In the U.S., both are available with AWD 9-speed automatic drivetrains only.

Its twin-scroll turbocharger system delivers immediate throttle response and reduced turbo lag, while the intelligent Continuously Variable Valve Lift (CVVL) system optimizes driveability as load control is managed primarily by the intake valves rather than the throttle. Variable cam timing also enhances power across the rev range, improving driveability.

The 246HP model completes the 0-60mph sprint in 6.6 seconds (0-100km/h in 7.0 seconds) while the flagship 296HP derivative achieves it in a rapid 5.9 seconds (0-100km/h in 6.4 seconds)<sup>5</sup>.

### Nine-Speed Automatic Transmission

The nine-speed automatic transmission is the latest generation of the ZF gearbox and is standard on the E-PACE in the U.S. The advanced nine-speed close-ratio transmission has been specifically designed for transverse engine applications.

As a result, automatic gear changes are almost imperceptible, intelligently adapting the power delivery and gearshift patterns to suit different driving conditions and styles. Customers selecting R-Dynamic models also benefit from gearshift paddles mounted on the steering wheel for added manual control.

The transmission's adaptive shift system is designed to monitor the customer's preferred driving style and tailor the experience accordingly. The system responds quickly to changes, reducing shift times during brisk driving and switching smoothly into a more economical mode based on the driver's throttle and steering inputs.

When cornering, the transmission uses longitudinal acceleration and pedal input to gauge whether or not to prevent unwanted upshifts. By measuring the throttle position in this way, the intelligent transmission can anticipate driver requests for more power, ensuring the correct gear is selected.



Specially developed JaguarDrive Control modes on the center console give E-PACE drivers a simple control interface for the transmission. In Dynamic Mode, shifts are quicker and the transmission kicks down more readily, while in Eco Mode upshifts are made earlier to improve efficiency.

## **PRACTICALITY**

The compact Jaguar E-PACE SUV features a host of clever design solutions that provide similar amounts of rear seat and luggage space as competitors. The 105.6-in/2,681mm wheelbase and compact Integral Link rear suspension configuration combine to create a practical family car interior.

The F-TYPE sports car has inspired the cabin design, but the family car practicality of the E-PACE is owed more to the larger F-PACE model. A versatile 2.22-gal (8.42-liter) storage compartment between the front seats is big enough to house a pair of one-liter drink bottles laid flat with plenty of room for additional items. There are also two USB points – for connectivity and charging – a 12-volt socket and a smartphone holder inside, as well as a tablet retainer to prevent damage to devices being charged inside. A storage net on the underside of the lid holds small loose items. The space is all protected by a twin sliding arm rest for ultimate comfort and practicality.

Alternatively, the space can be rearranged to incorporate a pair of cup holders. When in place, storage space is reduced to a still-generous 1.57-gal (5.94-liter) while providing easy access to the bottles, cups or cans in the removable holder.

In addition, the 2.66-gal (10.07-liter) glove box provides a large lockable storage compartment. An open storage space at the bottom of the center console has an additional 0.2-gal (0.6 liters) of space for smartphone storage while two large 1.39-gal (5.28 liter) front door pockets provide added space for passengers. Up to five USB and four 12-volt power sockets provide enough charging capacity for the most connected families.

A luggage capacity of 24.2-cu.ft. with the rear seats in place makes the trunk space of the E-PACE large enough to cope with family life, with one of the widest load compartments (41.6-in/1,057mm measured between the wheel arches, with a maximum luggage width of 51.6-in/1,311mm).

The E-PACE has 60:40 split folding rear seats as standard. Folding them creates 52.5-cu.ft. of space; with one side folded down customers can carry items up to 61.7-in/1,568mm long and still accommodate a pair of rear passengers.

### **Gesture Tailgate**

The E-PACE is also available with a Powered Gesture Tailgate, which makes it possible to approach the vehicle and place objects in the loadspace without using the remote key fob. Raising a foot beneath the sensors positioned at each side of the rear bumper opens the tailgate without customers needing to remove the key fob from their pocket, making it possible to open the loadspace even if your hands are full. The tailgate can be closed with the same gesture of the foot.

### **Activity Key**

The E-PACE also offers the option of the innovative Activity Key. First launched on the Jaguar F-PACE, the advanced wearable technology is designed for customers to use when enjoying leisure and sports activities where carrying a conventional key is not practical. The waterproof and shockproof wristband provides access to the vehicle using a sensor above the rear license plate.

The Activity Key comprises an RFID transponder that sits in a robust composite molding embedded within a rubber strap. It has no moving parts and requires no batteries. To lock or unlock the E-PACE, customers simply perform a 'digital handshake' with the vehicle, holding the wristband up to the upper lip of the license plate surround on the tailgate. When the Activity Key is in use, any vehicle key fobs left within the vehicle are disabled, rendering them useless and the vehicle immobile in the event of a break-in.

The Activity Key has been tested to withstand extreme sport conditions, such as scuba diving to a depth of 59.1-ft/18m, and in temperatures ranging from -50°F to +185°F (-50°C to +85°C).

## INFOTAINMENT AND CONNECTIVITY

The E-PACE introduces a wave of design and technology innovations that make connectivity even more practical and user-friendly.

The E-PACE will include the latest generation of the Jaguar InControl® Touch Pro™ infotainment system with a 10-inch touchscreen display which allows customers to swipe, pinch and zoom in the same way as when using a tablet or smartphone<sup>2</sup>. The customizable home screen allows customers to create shortcuts to their favorite features, so regularly used applications are easy to find.

The 21:9 super-wide format (1280x542 pixel resolution) display also allows for different content to be displayed side-by-side, for example media can be shown in the main screen while a side panel can show navigation data or weather reports<sup>2,7</sup>.

Touch Pro is the most advanced infotainment system offered on Jaguar vehicles. Designed and developed in house around modern technologies such as a quad-core processor and an ultra-fast Ethernet network, it delivers a world-class user experience.

Customers can additionally select a 12.3-inch full-color digital TFT instrument panel with the ability to tailor the display to show different information, including 3D satellite navigation mapping<sup>7</sup>.

Satellite navigation (standard on S, SE and HSE models) benefits from dead-reckoning functionality that positions the vehicle even when GPS signals can no longer be received. This feature is further enhanced by a smartphone companion app, called Route Planner, which makes it easier to plan journeys that involve driving, public transport and walking. The vehicle's guidance system integrates real-time traffic data, parking and gas stations while the 'Share ETA' function enables the driver to notify selected contacts of their arrival time by SMS or email<sup>2</sup>. Commute Mode learns your daily drive so it can automatically offer alternative routes to avoid congestion using real-time traffic information, and Arrival Mode shows a 360-degree interactive view of your destination when you're 656-ft/200m away, as well as suggesting the nearest available parking spaces.

The E-PACE is also available with a choice of two premium audio systems developed with Meridian™, including an advanced 825W Surround Sound system with 15 speakers.

The E-PACE is the first Jaguar vehicle to offer a completely new generation of Head-Up Display (HUD) technology as an option. The system can project large, full-color graphics onto the windshield directly into the driver's sightline thanks to TFT technology<sup>3</sup>.

The brighter, clearer HUD can project more driver information onto the windshield than conventional systems. Besides essentials such as speed and navigation directions, the new system can also display engine speed data, details of the chosen entertainment media and the adaptive cruise control settings, as well as lane departure and blind spot warnings<sup>3</sup> if fitted to the vehicle.

The full-color image is generated using four LEDs and a high-resolution TFT LCD screen. The image is sharper, up to 66 percent brighter than conventional systems and more than twice the size. Drivers can personalize the information displayed and the way it is arranged, as well as fine tuning the brightness and height at which the display is projected onto the windshield.

The E-PACE will also benefit from the latest suite of Jaguar Land Rover InControl<sup>2</sup> connected car features, including:

- **Remote** – enables the driver to check on the vehicle remotely, sound the horn and flash the lights to help locate the vehicle in crowded parking lots and check the vehicle's status – fuel level and range, whether or not it's locked and window position. It also brings the ability to lock and unlock the car remotely, as well as the activate climate control to pre-condition the cabin before a journey starts, and automatically calls the emergency services in the event of a collision. Remote is standard on all E-PACE models.
- **4G Wi-Fi hotspot** – standard on S, SE & HSE models, offers connectivity for up to eight devices<sup>1</sup>

- **Connected Navigation** – with real time traffic and available parking information (standard on S, SE & HSE models)
- **InControl Apps** – connects to your smartphone to allow access to apps such as Spotify, Tile and Shell Fill Up & Go via the touchscreen<sup>2</sup> (standard on S, SE & HSE models)

The E-PACE provides all five occupants with their own USB charging point. Customers will have the convenience of power sockets across both rows of seats and the luggage compartment.

As standard, customers receive four 12-volt charging points – located in the front center console, inside the armrest console, rear of the center console for second-row passengers and in the luggage space – and two USB charging points, both found within the armrest console.

If customers specify additional USB ports, the 12-volt point at the rear of the center console is replaced with three USB charging points.

The USB points in the armrest console both allow data transfer (streaming music or video) as well as charging of devices.

## **ADVANCED DRIVER ASSISTANCE SYSTEMS**

### **Blind Spot Assist**

The E-PACE features the new Blind Spot Assist system as standard on SE and HSE derivatives and as an option on S models. If another vehicle is detected in the blind spot of the E-PACE and the driver attempts to steer into its path, Blind Spot Assist is designed to apply corrective steering torque to prevent the lane change. The driver is simultaneously alerted by a flashing LED in the corresponding side mirror. If necessary, the driver is able to override the corrective steering torque.

### **Forward Traffic Monitor**

The optional 360-degree Surround Camera on the E-PACE includes a new Forward Traffic Monitor system. The feature is particularly useful in situations such as at blind junctions, where the driver's view to the side is restricted. When Junction View is selected, the grille-mounted camera displays a feed of traffic approaching from either side, while Forward Traffic Monitor displays a warning if an oncoming vehicle is detected<sup>3</sup>.

### **Park Assist**

To help the driver with parking the vehicle, the optional Park Assist function is designed to steer the vehicle into parallel and bay parking spaces. The ultrasonic sensors measure the space to ensure suitability and then steers the vehicle itself – the driver simply controls the accelerator and brakes<sup>3</sup>.

### **Emergency Braking**

The Emergency Braking system is designed to mitigate collisions with other vehicles and pedestrians. Like the F-PACE performance SUV, the E-PACE offers Emergency Braking technology with pedestrian detection, powered by a stereo camera mounted behind the rear-view mirror, which scans the road ahead. The camera can determine the distance of any objects in the vehicle's path. When an imminent collision is detected, the system is designed to warn the driver and primes the brakes. If the driver fails to respond the system can activate full emergency braking to bring the vehicle to a halt<sup>3</sup>.

### **Airbags**

In the event of a collision, the E-PACE safety cell is complemented by a comprehensive restraint system including six airbags: driver and passenger, thorax, and side curtain airbags<sup>6</sup>. Front and rear seats also feature seatbelt pre-tensioners that assist in minimizing movement in the event of a collision while two ISOFIX points are fitted to the outer rear seats.

### **Driver Assistance Technologies**

The Jaguar E-PACE also offers an array of driver assistance technologies, including:

- Dynamic Stability Control (DSC)
- Roll Stability Control (RSC)

- Electronic Traction Control (ETC)
- Trailer Stability Assist (TSA)
- Hill Start Assist (HSA)
- Anti-Lock Braking System (ABS)
- Emergency Brake Lights (EBL)
- Emergency Brake Assist (EBA)
- Corner Brake Control (CBC)

## ACCESSORIES

The E-PACE will be available with a full suite of dealer-fit accessories designed to tailor the new compact performance SUV for the specific needs of individual customers.

For the ultimate in flexible storage, Jaguar offers a comprehensive load securing system. The optional Luggage Compartment Kit works with luggage compartment floor rails to prevent small items from moving around.

## MANUFACTURING

As previously announced, Jaguar Land Rover has partnered with engineering and manufacturing specialist Magna Steyr in Graz, Austria. The new E-PACE will be the first vehicle produced under the arrangement with the all-electric Jaguar I-PACE also commencing production there in 2018.

Contract manufacturing provides increased flexibility, agility and efficiency across global manufacturing operations and while the UK remains the epicenter of Jaguar Land Rover manufacturing, engineering and design capabilities, Magna Steyr is one of the world's leading automotive suppliers, with extensive contract manufacturing experience.

- (1) The Wi-Fi hotspot is intended for passenger use only. InControl features may require an additional subscription with separate terms and conditions.
- (2) Do not use Jaguar InControl® features under conditions that will affect your safety or the safety of others. Driving while distracted can result in loss of vehicle control.
- (3) These features are not a substitute for driving safely with due care and attention and will not function under all circumstances, speeds, weather and road conditions, etc. Driver should not assume that these features will correct errors of judgment in driving. Please consult the owner's manual or your local authorized Jaguar Retailer for more details.
- (4) All prices shown are Manufacturer's Suggested Retail Price. Excludes \$995 destination/handling charge, tax, title, license, and retailer fees, all due at signing, and optional equipment. Retailer price, terms and vehicle availability may vary. See your local authorized Jaguar Retailer for details.
- (5) Always follow local speed limits.
- (6) Please remember that the safety belts in a vehicle constitute the primary protection system for driver and passengers in collisions. Airbags are not designed to deploy in all collisions. The airbag Supplemental Restraint System (SRS) is a supplement to the safety belts and is designed to work as a system with the safety belts. Although airbags provide additional protection, airbags without safety belts do not provide optimal protection in a crash. Always wear your safety belts. Children younger than 13 years old should always be properly restrained in a back seat, away from airbags. Never place an infant seat in the front seat.
- (7) Driving while distracted can result in loss of vehicle control. Do not operate, adjust or view the navigation or multimedia systems under conditions that will affect your safety or the safety of others. Only use mobile phones and other devices, even with voice commands, when it is safe to do so.
- (8) Vehicle must be equipped with Configurable Dynamics system in order to option the 21-inch wheel.

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**About Jaguar**

*Jaguar is a premier manufacturer of luxury sedans, sports cars and SUVs offering unparalleled design with tremendous performance. The company's vision throughout its storied 80 year history has been simple: To produce beautiful, fast cars that are desired the world over. Jaguar strives to provide a world class ownership experience to every owner. Today's Jaguar lineup consists of the Jaguar XE and XF sports sedans, the XJ full-size luxury sedan, the two-seat F-TYPE sports car and the brand's first-ever performance SUV, the F-PACE. Jaguar designs, engineers and manufactures exclusively in the United Kingdom, at the Castle Bromwich and Solihull manufacturing plants in the British Midlands. Jaguar is fully engaged with sustainability initiatives and social concerns with continuous involvement in environmental and community programs. For more information, visit the official Jaguar website at [www.jaguarusa.com](http://www.jaguarusa.com).*

**About Jaguar Land Rover**

*Jaguar Land Rover is the UK's largest automotive manufacturer, built around two iconic British car brands: Land Rover, the world's leading manufacturer of premium all-wheel-drive vehicles; and Jaguar, one of the world's premier luxury sports sedan and sports car marques.*

*The company employs over 40,000 people globally, with 330 in the U.S. and supports around 275,000 more through our dealerships, suppliers and local businesses. Manufacturing is centered in the UK, with additional plants in China, Brazil, India and Slovakia.*

*At Jaguar Land Rover we are driven by a desire to create class-leading products that deliver great customer experiences. The largest investor in R&D in the UK manufacturing sector, we have invested £12 billion (USD\$15.7 billion) in the last five years and in the current year alone will spend over £3.5 billion (USD\$4.5 billion) on new product creation and capital expenditure. Last year Jaguar Land Rover sold over 583,000 vehicles in 136 countries, with nearly 80 percent of our vehicles produced in the UK being sold abroad.*