



NEWS

Contact:

Barbara Barrett
National Communications and
Public Affairs Manager
Jaguar Land Rover Canada ULC
bbarret7@jaguarlandrover.com
905.565.4147 or 416.565.0226

Twitter: @jaguarcanada
@landrovercanada

Information about Jaguar Canada
products is available to consumers at
www.jaguar.com/ca

Go to
www.newsroom.jaguarlandrover.com/en-us/jaguar/ for news releases, high-resolution photographs and broadcast quality video footage

Information about Land Rover Canada
products is available to consumers at
www.landrover.ca

Go to
www.newsroom.jaguarlandrover.com/en-us/landrover/ for news releases, high-resolution photographs and broadcast quality video footage

JAGUAR XE ALL NEW COMPACT SPORTS SEDAN TO EXPAND JAGUAR CANADIAN LINEUP IN 2016

At-a-Glance

- All-new Jaguar XE sports sedan to arrive in Canadian Jaguar showrooms in spring 2016
- Lineup to include Jaguar XE 20d and 35t models available in XE Premium, XE Prestige and XE R-Sport trim levels
- All models exclusively all-wheel drive
- XE 35t will feature a 340hp supercharged 3.0-litre V6 engine with a 0-100 km/h time of 5.1 seconds and an electronically limited top speed of 250 km/h¹
- XE 20d will feature high-efficiency 180hp 2.0-litre Ingenium diesel
- New Jaguar InControl® Touch™ infotainment system features an 8-inch capacitive touch screen⁴
- Features Intelligent Active Driver Assistance technologies
- The XE launched in global markets in 2015 and will launch in North America in 2016
- Pricing starts from \$45,000⁵ for 4-cyl diesel engines and \$48,500⁵ for V6 gas engines

(MISSISSAUGA, ON) – September 18, 2015 – The Jaguar lineup will significantly expand in 2016 with the addition of the brand's all-new, aluminum-intensive Jaguar XE sports sedan which will join the modern Jaguar sedan lineup alongside the new Jaguar XF and Jaguar XJ sedans.

A true driver's car, the Jaguar XE redefines the concept of the sports sedan thanks to its advanced lightweight construction, streamlined styling, luxurious interior, and outstanding ride and handling. The XE is currently on sale in global markets and goes on sale in 2016 in Canada and the United States.

Manufacturing of the aluminum-intensive Jaguar XE occurs at the Jaguar Land Rover Solihull plant in an all-new facility. Part of a £1.5bn investment, this flexible, purpose-built site will create 1,700 UK jobs.

Jaguar XE 35t models provide responsiveness and refinement from a supercharged 3.0-litre V6. Generating 340hp and 332 lb-ft of torque, this engine is linked to an eight-speed automatic transmission with paddle shift controls.

Accelerating from 0-100 km/h in just 5.1 seconds, the XE 35t has an electronically-limited top speed of 250 km/h¹.

The fuel economy leader will be the Jaguar XE 20d, powered by the company's new Ingenium 2.0-litre diesel powertrain delivering 180hp and 318 lb-ft of torque.

The aluminum-intensive Jaguar XE is the first model developed from the new JLR modular vehicle architecture. The long wheelbase and low seating position enable perfect proportions and a streamlined, coupe-like profile. The R-Sport trim level models' large front air intakes, satin chrome side vents, gloss black side window surrounds, side sills, discreet rear spoiler and optional 20-inch forged alloy wheels reinforce the XE performance potential.

The cabin offers outstanding levels of comfort and spaciousness. Exquisite materials and finishes, combined with traditional Jaguar craftsmanship make this an interior without compare.

The Jaguar XE is equipped with electric power steering. This system is tuned to provide responsiveness and excellent feel, and offers improved efficiency over hydraulic systems.

Compelling design

The Jaguar XE was developed in parallel with, and uses, an all-new modular architecture. The architecture unlocks design possibilities that did not exist before. Core dimensions were determined by design and engineering working together from the very beginning, under a philosophy of 'anything we can imagine, we can create'. This makes it possible to realize perfect proportions: short front and rear overhangs and dynamic, cab-rearward stance. The new architecture also enables the XE to feature both a low, sporty driving position and a sleek, coupe-like profile.

The strongly-sculpted hood creates a taut, muscular appearance. The rising waistline adds to the sense of movement, while the form of the rear quarters takes inspiration from the F-TYPE Coupe. The signature J-Blade daytime running lights are a recognizable Jaguar design element, while the rear lights feature a horizontal line intersecting a circle; a powerful styling feature inherited from the iconic E-Type.

Jaguar has a rich history of producing stunning, aerodynamically-efficient cars. The new XE continues the tradition of uncompromised form and function. This achievement is the result of 1,200 computational fluid dynamics simulations and million hours of processor time.

"Our mission was to create an exciting and dynamic design clearly reflecting the XE positioning as a serious driver's car. The cab-rearward proportions and tight packaging achieve that and give the XE the appearance of movement even when it's standing still. It bears a strong family resemblance to the F-TYPE and will stand apart in the crowd."- Ian Callum, Jaguar Director of Design

The spacious cabin cocoons front seat passengers with a deep center console, which creates a cockpit-like feel. The F-TYPE-style instrument panel dials and the cluster needle sweep on start-up further emphasize the sports sedan attributes of the XE.

Front and rear seat occupants enjoy generous amounts of head and legroom, while fine-grain leathers and details such as contrasting twin-needle stitching give the cabin a bespoke quality. The choice of gloss black, textured aluminum, and contemporary wood veneers enhance the luxurious, hand-crafted feel, while available ambient lighting in a range of up to 10 colours adds to the sense of occasion.

Aluminum-intensive unibody

Jaguar is highly experienced in the use of aluminum construction. The expertise in working with this lightweight material has culminated in the revolutionary body structure of the new Jaguar XE. Much of the aluminum construction uses high-strength, 6000-series alloy. The body sides are a perfect example: these complex pressings are formed in one piece, and what would once have been 1.5mm gauge sheet has been reduced to just 1.1mm.

Sustainability is a big part of the Jaguar aluminum story. The new XE uses RC 5754 – an aluminum alloy made predominantly from recycled material. Recycling this highly valuable material delivers impressive savings in overall CO₂ emissions and reduces demand for primary aluminum, saving energy. Future models will also use RC 5754. Utilizing this breakthrough will help Jaguar towards its goal of using 75 percent recycled material by 2020.

Riveting and bonding the lightweight body structure of the Jaguar XE consumes less energy than traditional spot welding. The XE also contains 101lbs. of recycled plastics and renewable materials, further reducing its environmental impact.

“The XE is as strong and light as it could possibly be thanks to exhaustive analysis and by bringing the latest engineering techniques to bear on its design. It has been challenging to accomplish but the XE structure is absolutely at the cutting edge of what is achievable today.” - Dr. Mark White, Chief Technical Specialist, Jaguar; Body Complete

Chassis

The new Jaguar XE features a sophisticated double wishbone front suspension. The aluminum front spindles are light and stiff – forged from cast blanks using a patented production process while the rear suspension features an integral link system. This system delivers lateral and longitudinal stiffness for precise handling and a supple ride.

Offering incredible tuning possibilities and greater efficiency than traditional hydraulic systems, electric power steering (EPAS) will be standard on the XE and further helps save weight while delivering consistent on-road driving feel through the steering wheel.

Powertrain

For customers demanding ultimate performance and an exhilarating engine note from idle right up to the redline, there's the Jaguar XE 35t model, which shares its supercharged 340hp 3.0-litre V6 with the acclaimed F-TYPE.

Direct injection and fully variable valve timing optimize power and torque throughout the rev range. The 90 degree cylinder bank angle provides space for the twin-vortex Roots-type supercharger, a balancer shaft ensures the engine runs smoothly.

Developing 340hp and 332 lb-ft of torque, the V6 provides the Jaguar XE 35t with exceptional performance: 0-100 km/h takes just 5.1 seconds, and top speed is electronically-limited to 250 km/h¹.

Jaguar is also launching the XE in the United States and Canada with the new Ingenium engine family. The first Ingenium engine offered in the Jaguar XE for North America will be the 180hp 2.0-litre diesel inline-four.

The Ingenium engine family's advanced modular design will be offered in gasoline and diesel derivatives and was designed from the ground-up to deliver performance, efficiency and refinement without

compromise. This advanced in-house powertrain will be manufactured at the new JLR Engine Manufacturing Center near Wolverhampton in the UK.

“The new generation of Ingenium diesel engines are wholly designed and manufactured in-house at our new engine plant in Wolverhampton. No opportunity has been missed in ensuring their design is right on the cutting edge of technical advancement to achieve the highest levels of efficiency, performance and refinement.” - Ron Lee, Group Chief Powertrain Engineer, Jaguar Cars

All Ingenium engines, developed from scratch by Jaguar engineers, are based around a deep-skirt aluminum cylinder block featuring thin-wall, press-fit cast iron liners; these offer the best balance of weight, surface finish, and robustness.

The engine's split-cooling system, mapped thermostat, and fully variable mechanical water pump enable standing water in the block while coolant circulates through the crossflow channels in the cylinder head. So the engine warms up more quickly, reducing friction and as a result, fuel consumption as well.

Parasitic losses have been cut in other ways too: the electronically-controlled oil pump matches its flow rate according to engine speed, load and temperature, and switchable piston cooling jets operate only when needed.

Variable valve timing has been a feature on all gasoline Jaguar engines for many years, and now the technology is making its way into the diesel too: the new Ingenium engines benefit from a cam phaser on the exhaust side. Variable exhaust valve timing enables more rapid catalyst heating, thereby minimizing harmful emissions during the critical warm-up phase.

Fuel is fed to the combustion chambers by a 1,800bar solenoid common rail system. Key attributes are low noise, high efficiency and excellent mixture formation.

Ingenium diesels are characterized by the rapid build-up of torque from very low engine speeds, enabled by highly efficient variable geometry turbochargers. Maximum torque is maintained over a wide rev range, ensuring instantaneous response and strong acceleration whenever the driver demands it.

Weighing only 138kg (304lbs), this all-aluminum engine features twin counter-rotating balancer shafts to cancel-out second order forces, offering the smoothness and power of a naturally aspirated six-cylinder but in a smaller, more efficient package.

An innovative feature is the sheet metal turbine housing integrated into the air-gap insulated exhaust manifold. As well as saving weight, the assembly's reduced thermal mass means that the catalyst reaches light-off temperature more quickly, reducing emissions. The low-inertia turbine wheel delivers outstanding transient response.

Driver Assistance features

The new light and stiff body structure of the Jaguar XE has been engineered to meet demanding legislative and consumer crash test requirements. Complementing the outstanding levels of protection it offers is a suite of advanced driver assistance systems designed to help and support the driver.

The Jaguar XE will be equipped with All Surface Progress Control (ASPC)². This new system, developed with the input of decades of Jaguar Land Rover experience in off-road traction systems, works like a low-speed cruise control. Functioning between 3.6 km/h (2mph) and 30km/h (19mph), ASPC is designed to precisely control brake and powertrain systems delivering optimum traction in a variety of road conditions.

An optional laser heads-up display (HUD)² technology provides the driver with information such as speed and navigation instructions by projecting high-contrast colour images onto the windshield, keeping the driver's eyes on the road while providing excellent visibility in a variety of conditions from day to night.

Acting as the 'eyes' of the optional autonomous emergency braking system, the Jaguar XE features stereo camera technology. Sensors in this system provide measurements of speed and distance of objects ahead and can initiate full braking to avoid or mitigate a collision. The stereo camera also performs traffic sign recognition and lane departure warning functions².

The XE also offers systems such as adaptive cruise control, closing vehicle sensing, blind spot monitoring, semi-automated parallel and perpendicular parking, and reverse traffic detection².

All-new infotainment system

The all-new Jaguar InControl® infotainment system offered on the XE features the latest technologies to connect the car, driver and the outside world together. At its heart is an eight-inch capacitive touchscreen which features a clear, intuitive interface and improved response times⁴.

InControl® Touch™ supports Bluetooth®, audio streaming and USB connectivity. The Jaguar XE can also be fitted with an SD card-based navigation system, which allows easy upgrades of map data. Voice control using plain speech gives access to any level of the system, without the need for drivers to take their eyes off the road or navigate through menus³. For drivers wanting a traditional infotainment interface, Jaguar XE systems feature a user-friendly map, which can be operated by touch using simple pinch-to-zoom commands like many smartphones.

In fact, smartphones are changing the way people interact with the world around them and the new Jaguar XE ensures that drivers can stay connected. Jaguar InControl® Apps™ allows users to seamlessly access and control a number of smartphone apps through the vehicle's touchscreen⁴.

Jaguar InControl® Remote™ functionality allows users of iOS® and Android™ smartphones to connect to the car remotely to control car functions, including deactivating the alarm, locking or unlocking the doors, remote heating or cooling the cabin through engine start.

The new Jaguar XE will be available with two Meridian™ audio systems. These superb systems are the result of the long-standing partnership between Jaguar and British audio experts Meridian. Unique algorithms guarantee the best possible sound reproduction and tailor the experience to the interior's acoustics. Available systems range from 380 watt, 11-speaker systems stereo to 825 watt, 14-speaker systems equipped with surround sound processors.

TECHNICAL SPECIFICATIONS*

ENGINE & TRANSMISSION	35t - V6	20d - 2.0L Diesel
Engine capacity (cc)	2,998	1,999
Cylinders	6	4
Bore / stroke mm (in)	84.5 / 89.0 (3.3 / 3.5)	83/ 92.35 (3.3 / 3.6)
Cylinder block	Aluminum alloy	Aluminum alloy
Cylinder heads	Aluminum alloy	Aluminum alloy
Fuel injection equipment	Direct Injection	1800-Bar Common Rail direct injection
Induction system	Twin-Vortex	Turbocharger

	Supercharger	
Transmission	AWD: ZF 8HP70 8-speed automatic	ZF 8HP45 8-speed automatic
PERFORMANCE		
0-60 mph (sec) ¹	4.9	7.4
0-100km/h (sec) ¹	5.1	7.8
Top speed km/h ¹ (mph)	250 (155)	225 (140)
Horsepower	340 @ 6,500rpm	180 @ 4,000 rpm
Torque lb-ft (Nm)	332 (450) @ 4,500rpm	318 (430) @ 1,750-2,500
DIMENSIONS		
Length mm (in)	4,672 (183.9)	4,672 (183.9)
Width excl. mirrors mm (in)	1,850 (72.8)	1,850 (72.8)
Height mm (in)	1,416 (55.7)	1,416 (55.7)
Wheelbase mm (in)	2,835 (111.6)	2,835 (111.6)

*. Subject to final confirmation ahead of production.

¹ Always follow local speed limits.

² 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.

³ 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.

⁴ 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.

⁵ All prices shown are Manufacturer's Suggested Retail Price. Excludes \$1,375 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.

#

About Jaguar

Jaguar is a premier manufacturer of luxury sedans and sports cars offering unparalleled design with tremendous performance. The company's vision throughout its storied 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, two-seater F-TYPE, XF sports sedan, XJ luxury sedan and the F-PACE luxury SUV. Jaguar designs, engineers and manufactures exclusively in the United Kingdom, at the Castle Bromwich manufacturing plant 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.jaguar.ca.

About Jaguar Land Rover

- Jaguar Land Rover employs 32,000 people and sells vehicles in 170 countries around the world.
- Jaguar Land Rover has two state of the art engineering and design facilities and four advanced manufacturing plants in the UK.
- Headquartered in Mississauga in Canada, Jaguar Land Rover Canada ULC is represented by 23 retail outlets.