



XJ



2014 MODEL YEAR UPDATES

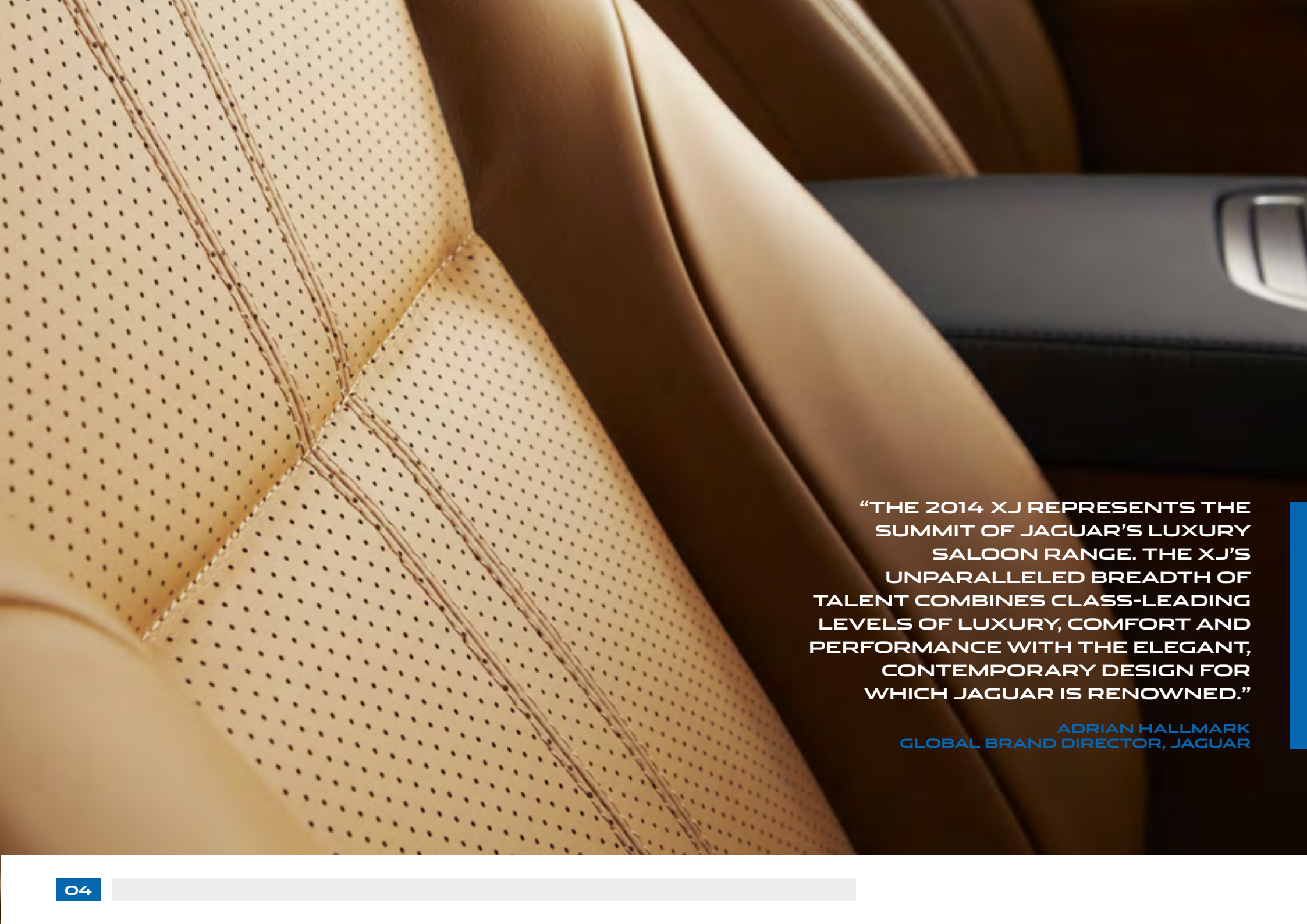


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- 2 A comprehensive range of engines - 2.0-litre turbocharged petrol, 3.0-litre V6 diesel and supercharged petrol and four 5.0-litre V8 petrol powerplants - enhances customer choice in key global markets.
- 3 Intelligent All-Wheel Drive System, which monitors grip levels and driver input to provide maximum traction at all times, is available as an option on the 14MY XJ with 3.0-litre V6 petrol engine.
- 4 A new Jaguar sports saloon - the 550PS XJR - combines supercar performance and assertive looks with the XJ's typically high levels of luxury.
- 5 All engines in the 2014 XJ range - including the 2.0-litre i4 Ti 240 turbocharged petrol unit - are now available with Intelligent Stop/Start system. All available engines deliver their power through smooth shifting eight-speed automatic transmissions.
- 6 An even more spacious long-wheelbase version of the 14MY XJ is available.





**“THE 2014 XJ REPRESENTS THE
SUMMIT OF JAGUAR’S LUXURY
SALOON RANGE. THE XJ’S
UNPARALLELED BREADTH OF
TALENT COMBINES CLASS-LEADING
LEVELS OF LUXURY, COMFORT AND
PERFORMANCE WITH THE ELEGANT,
CONTEMPORARY DESIGN FOR
WHICH JAGUAR IS RENOWNED.”**

**ADRIAN HALLMARK
GLOBAL BRAND DIRECTOR, JAGUAR**



SUMMARY

The 2014 Model Year Jaguar XJ is the latest in a long line of luxurious Jaguar sports saloons, incorporating enhanced rear cabin luxury features, comfort and in-car technology to create a truly elegant and contemporary luxury Jaguar.

The Jaguar XJ is offered with a choice of a 2.0-litre 4-cylinder i4 turbocharged petrol engine, diesel and supercharged petrol 3.0-litre V6 engines and four 5.0-litre V8 petrol engines, one normally aspirated and three supercharged.

The 3.0-litre V6 supercharged petrol engine, which has been developed from the award-winning 5.0-litre V8, powers Jaguar's intelligent All-Wheel Drive system which continuously monitors grip levels and driver inputs to provide maximum traction in all conditions.

The 2.0-litre i4 turbocharged petrol engine, now available with Jaguar's Intelligent Stop/Start system, uses a range of state-of-the-art technologies for power generation that belies its size. It produces 240PS and 340Nm thanks to the use of three key innovations - low-inertia turbocharging, direct fuel-injection and variable timing of both the intake and exhaust camshafts.

These engines, as well as the other XJ variants, are mated to Jaguar's eight-speed automatic gearbox which offers a broad spread of ratios for a perfectly balanced combination of smooth-shifting, economy and driver control.

The long-wheelbase models feature enhanced rear cabin luxury features include 'airline' style reclining seats with massage function, increased headroom*, fold-out business tables and a specially re-tuned rear suspension set-up to enhance rear seat ride comfort.

The entertainment system has been enhanced with a Rear Seat Entertainment package featuring two hi-resolution touchscreens, and optional premium Meridian Reference Audio System with Conversation Assist.

The 14MY XJ's luxurious feel is underlined by the palette of materials used on the interior. This includes broad grain, soft grain and semi-aniline leather, and a wide choice of veneers including Piano Black, Carbon Fibre, Gloss Burr Walnut and Satin Rosewood. The 14MY XJ also features a range of wheels including the newly designed Manra 18-inch lightweight forged alloy.

The 14MY 'R' version of the XJ incorporates bespoke chassis and aerodynamic developments to create the most focused, agile and responsive XJR ever. Seamless performance from its 550PS/680Nm, 5.0-litre supercharged V8 engine makes the XJR capable of accelerating from zero to 60mph in 4.4 seconds (0-100km/h in 4.6 seconds) and on to an electronically-limited top speed of 174mph (280km/h).

**Not for the US market*



ENHANCED INTERIOR FEATURES



A range of enhanced interior features focus on the rear cabin of the 2014 XJ, upgrading both the luxury and functionality of the XJ's rear environment and resulting in the most accomplished Jaguar luxury saloon.

The rear passenger compartment of the 2014 LWB car includes two individual 'airline style' reclining seats which both feature cushion and squab adjustment, three massage programs - Wave/Rolling, Lumbar and Shoulder - to provide optimum levels of relaxation during long journeys, lumbar adjustment and two memory settings for each seat. The total recline adjustment of each seat is 11 degrees, with 103mm lateral cushion movement and 14 degrees of upper

articulation movement. The rear seat home positioning setting returns each seat to its home position at the touch of a button on the door panel, easing entry and exit.

The new centre armrest, which can be stowed in the upright position to allow the use of the centre seat, houses all the seat controls as well as the Front Seat Activation button which allows control of the front passenger seat from the rear.

Front seat enhancements include massage functions for each seat with five levels of intensity, allowing occupants to personalise their massage settings to their preference.

Through the use of the front touchscreen, any one of the four electric seats can be selected and then fully controlled via the driver's seat switches. The rear seats can be

returned to their home position by the use of the touchscreen and driver's memory buttons, and can also be programmed to return to their home position on rear door opening for ease of entry and exit.

Rear-seat passengers in the LWB version of the 2014 XJ are provided with a wide range of entertainment features. The Rear Seat Entertainment package comprises two 10.2" high-resolution screens mounted on the back of the front seat headrests. These can display inputs from a number of sources: the DVD player, digital TV tuner or an external media player that can be synced through the Rear Media Interface, which provides USB and RCA connections. Audio can be transmitted through the wireless headphones, allowing each passenger to watch separate

entertainment sources. The rear seat environment, including the entertainment, is managed by a wireless controller housed in the centre console which also allows passengers to alter their individual climate zones and seat heating and cooling functions.

The LWB XJ also features leather-surfaced business tables in the rear, which fold out of the seatbacks of the front seats. To keep rear seat passengers shielded from the sun, and to offer privacy, the XJ offers electric rear-side window blinds that are operated via the window lift switches. An increase in rear headroom* by 13mm gives rear-seat passengers the optimum in luxurious, limousine levels of comfort.

**Not for the US market*



POWERTRAIN

The 2014 XJ engine range includes an ultra-efficient, high-powered 2.0-litre i4 turbocharged petrol engine, powerful and efficient 3.0-litre V6 petrol and diesel engines, as well as a 5.0-litre normally aspirated engine and three supercharged 5.0-litre units putting out 470PS, 510PS, and in the XJR, 550PS.

The XJ's 3.0-litre V6 supercharged petrol engine powers the car's All-Wheel Drive system which operates 'intelligently', continuously monitoring grip levels and driver inputs to both pre-empt and react to wheel-slip, enabling maximum traction in all conditions. At speed in normal grip conditions the AWD system delivers drive to the rear wheels, thus providing the dynamic driving experience that all Jaguars are renowned for, while also maximising powertrain efficiency in all weather and road conditions.

The 2.0-litre i4 turbocharged petrol engine, which produces 240PS and 340Nm of torque, is offered with Jaguar's Intelligent Stop/Start system for 14MY.

EIGHT-SPEED TRANSMISSION

Maximising the benefit of the engine calibration is the eight-speed automatic transmission, which brings out the XJ's performance while still maintaining the car's composure in town and in low-speed driving environments.

When operating in automatic mode, the transmission can detect the manner in which the car is being driven by monitoring acceleration and braking, cornering forces, throttle and brake pedal activity, road load and kickdown request.

On detecting a more enthusiastic driving style, the transmission will automatically make the gearshifts more aggressive and move the shift-up point higher in the rev range. Steering wheel-mounted gearshift paddles give the driver higher levels of control.

INTELLIGENT STOP/START SYSTEM

The 14MY XJ powered by the 2.0-litre four-cylinder turbocharged petrol engine now features Jaguar's Intelligent Stop-Start system, which uses a Twin Solenoid Starter (TSS) to shut down the engine when the car comes to a halt, and restart it in less time than it takes for the driver's foot to move from the brake to the accelerator.

The system offers 'change of mind' functionality, enabling the engine to quickly restart even during its rundown phase to allow the driver to, for example, exploit a gap in traffic at a junction.

An illuminated 'ECO' symbol appears on the instrument panel when the engine has been stopped by the system. Intelligent Stop-Start can be turned off manually, but it will automatically be turned on again for the vehicle's next journey with every

ignition cycle. The system operates in all modes apart from Reverse.

The 14MY XJ has a secondary battery fitted specifically for engine re-starting, meaning that all the normal car systems – such as the entertainment system, the ventilation and lights – continue to receive power from the standard car battery and are unaffected by the re-start. In addition, a sophisticated control system ensures that the Stop/Start operation only occurs when the car does not require the engine for other functions.



3.0-litre V6 supercharged petrol engine



EXTENDED NAVIGATION FEATURES

With the 14MY XJ, navigation is now available in nearly all the 101 markets that the XJ is sold in. A number of markets will now have an SD card based system, which uses the capacitive touch screen and integrates with the vehicle positioning systems to providing accurate and fast route guidance.

As an industry first, a combination of Tracks4Africa and City Maps covering 15 African markets is offered.

REAR SUSPENSION ENHANCEMENTS

To underline its purpose in ensuring that passengers remain luxuriously cosseted at all times, the LWB version of the 14MY XJ features revisions to the rear suspension for optimised ride compliance, providing a smoother journey for rear seat occupants.

While this provides a truly relaxing experience for rear seat passengers, the XJ loses none of the model's core dynamic abilities and so is as rewarding to drive as it is to be driven in. The XJ's lightweight aluminium construction means a weight saving over its rivals of as much as 150kg, resulting in great advantages in terms of agility, acceleration, braking and driver feedback and involvement.

EXTERIOR FEATURES



Customers of the 14MY XJ can choose from an exterior palette comprising 15 colours: Polaris White, Ebony, Ultimate Black, Stratus Grey, Lunar Grey, Rhodium Silver, Cashmere, Osmium Blue, Dark Sapphire, Caviar, Carnelian Red, Black Amethyst, Italian Racing Red, British Racing Green and Satellite Grey.

The 14MY XJ also features newly designed 18-inch Manra lightweight forged alloy wheels, and soft closing door technology which ensures that the doors of the XJ are securely closed with minimum exertion and undue noise.



MERIDIAN™ REFERENCE AUDIO SYSTEM

An optional range-topping 1300W Meridian™ Reference Audio System – with 26 super premium speaker drive units upgraded to reduce distortion and improve linearity – is available for the 14MY XJ.

The Meridian™ Reference Audio System incorporates two 80mm speakers and one 25mm tweeter set in the rear of the each of the front seats; this combined with the speaker drive unit upgrades delivers a concert-like experience for all vehicle occupants.

The system also incorporates DEC, which is a progression of the successful Dynamic Volume Control (DVC). This utilises the microphones above each listening position to optimise the frequency response and level of the sound to compensate exactly for varying levels and types of noise registered.

The Meridian™ Reference Audio System is visually recognisable with unique badging on the doors and rear parcel shelf and also the red cones on the door speakers, which are visible through the speaker grilles.

Conversation Assist

Conversation Assist, which is only available with the Meridian™ Reference Audio System, utilises a microphone above each seating position and digital audio processing technology to reinforce the occupant's voice via the vehicle's audio system. This makes it much easier for occupants to be heard clearly by the other occupants in the vehicle above any cabin noise. Conversation Assist can be activated whenever the infotainment system is on, whether audio sources are actively playing through the audio system or not, but the feature will not be active when in a phone call or voice session.



2014 JAGUAR XJ TECHNICAL SPECIFICATIONS

XJ 2.0-LITRE i4

Engine	2.0-litre in-line 4cyl turbocharged petrol
Capacity (cc)	1999
Peak Power (PS@rpm)	240@5500
Peak Torque (Nm@rpm)	340@2000-4000
Transmission	8-speed automatic
Intelligent Stop/Start	Yes
0-60mph (secs)	7.0
0-100km/h (secs)	7.5
Top Speed (mph km/h)	150 241
Combined Economy (EU mpg l/100km)	33.2 8.5 with Stop/Start 30.4 9.3 non Stop/Start
CO ₂ Emissions (g/km)	199 with Stop/Start 216 non Stop/Start

XJ 3.0-LITRE V6

Engine	3.0-litre V6 SC petrol	XJ 3.0-litre V6 Diesel
Capacity (cc)	2995	2993
Peak Power (PS@rpm)	340@6500	275@4000
Peak Torque (Nm@rpm)	450@3500-5000	680@2500-5500
Transmission	Eight-speed automatic	Eight-speed automatic
Intelligent Stop/Start	Yes	Yes
0-60mph (secs)	5.7	6.0
0-100km/h (secs)	5.9	6.4
Top Speed (mph km/h)	155 250 (electronically limited)	155 250(electronicallylimited)
Combined Economy (EU mpg l/100km US mpg)	29.4 9.6 21 with Stop/Start 28.2 10nonStop/Start(notforUSmarket)	44.8 6.3 43.5 6.5
CO ₂ Emissions (g/km)	224 234 (RWD/AWD)	167 with Stop/Start 171 non Stop/Start

XJ 5.0-LITRE V8

Engine	XJ 5.0L V8 N-A	XJ 5.0L V8 SC	XJ 5.0L Supersport
Capacity (cc)	5000	5000	5000
Cylinders	8	8	8
Transmission	8-speed automatic	8-speed automatic	8-speed automatic
0-60mph (seconds)	5.4	4.9	4.7
0-100km/h (seconds)	5.7	5.2	4.9
Top Speed (mph/km/h)	155 250 (electronically limited)	155 250 (electronically limited)	155 250 (electronically limited)
Peak Power (PS@rpm)	385@6500	470@6000-6500	510@6000-6500
Peak Torque (Nm@rpm)	515@3500	575@2500-5500	625@2500-5500
Intelligent Stop/Start	Yes	Yes	Yes
Combined Economy (mpg)	25.9	24.4	24.4
Combined Economy (l/100km)	10.9	11.6	11.6
CO ₂ Emissions (g/km)	254 with Stop/Start 260 non Stop/Start	270 with Stop/Start (US market only)	270 with Stop/Start 282 non Stop/Start

XJR

Engine	5.0-litre V8 supercharged petrol
Capacity (cc)	5000
Bore/Stroke (mm)	92.5/93
Peak Power (PS@rpm)	550@6500
Peak Power (kW@rpm)	405@6500
Peak Torque (lb/ft @rpm)	502@2500-5500
Peak Torque (Nm@rpm)	680@2500-5500
Transmission	Eight-speed automatic
Intelligent Stop/Start	Yes
0-60mph (secs)	4.4
0-100km/h (secs)	4.6
Top Speed (mph km/h)	174 280 (electronically limited)
Combined Economy (EU mpg l/100km US mpg)	24.4 11.6 18 23.3 12.1 non Stop/Start (not for US market)
CO ₂ Emissions (g/km)	270 with Stop/Start 282 non Stop/Start

All specifications are manufacturer's estimates



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