





## **FAST FACTS**

- A new Jaguar flagship sports saloon - the 550PS XJR - combines supercar performance and assertive looks with the high levels of luxury already associated with the XJ range
- With a 5.0-litre supercharged V8 engine delivering 550PS and 680Nm of torque, the XJR is the most focused, agile and responsive Jaguar XJ ever made
- The XJR is capable of sprinting 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)
- An eight-speed automatic transmission, with a bespoke tuning for the XJR, enables optimal acceleration throughout the speed and rev ranges while still maintaining a composed character for urban driving conditions

- A new front splitter and aerodynamic sill section combined with an additional rear spoiler and unique 'R' bonnet louvres give the car optimum levels of high speed stability and an assertive appearance on the road
- Electronic Active Differential and Dynamic Stability Control systems have been calibrated to enhance handling characteristics, allowing the driver to fully exploit the XJR's true performance capability
- New 20-inch 'Farallon' forged alloy wheels are shod with bespoke low-profile tyres to maximise grip and lend the car a dynamic, muscular stance
- Exclusive interior materials, including semi-aniline leather, a choice of veneers and contrasting stitching on the seats, bolster the XJR's dynamic intent









Combined with an eight-speed transmission that extends the performance characteristics of the car, the XJR is 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).

The unique 20-inch lightweight forged alloy 'Farallon' wheels are shod with specially developed Pirelli rubber, giving the XJR a muscular stance and increasing its grip and stability. Allied to the tyre technology are tuned dampers and spring rates which both optimise the handling and stability of the car when driven at speed and increase the feeling of connectivity with the road surface, providing a controlled, supple ride which still retains the expected

Jaguar XJ ride comfort.

The settings for the active electronic differential and Dynamic Stability Control system have been calibrated in order to allow the enthusiastic driver to make the most of the huge performance potential of the XJR. In addition, the steering hydraulics and calibration have been engineered to enhance steering feel, response and feedback under all driving conditions.

The car's dynamic intent is underlined by the technical palette of materials used on the interior. This includes optional semi-aniline leather and veneers in either Carbon Fibre or Piano Black. Providing a further unique touch is a choice of contrasting colour stitching to bring out the design of the front and rear seats.

The XJR is the sporting pinnacle of the XJ range.

This car has been dynamically set-up from the outset to deliver stunning performance, while still retaining the luxury and comfort common to the entire XJ range. The XJR has all the breadth of capability you could wish for in a high-performance luxury saloon car."

ANDREW DOBSON
CHIEF PROGRAMME ENGINEER, JAGUAR XJR







## **Eight-speed Transmission**

Maximising the benefit of the engine calibration is the eight-speed automatic transmission, which has been engineered based on learnings from the development of the high-performance XFR-S saloon. This transmission system brings out the sporting nature of the XJR 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 also give the driver higher levels of control.

Corner Recognition senses when the car is negotiating a bend, the transmission holding the correct gear for the exit. The transmission will also recognise when the car is performing a series of overtaking manoeuvres requiring rapid changes in throttle position and, rather than change up, remain in a lower gear ready for the next demand for acceleration.

The eight-speed transmission also allows the XJR to be offered as standard with Jaguar's



for this car was to place it in character with the rest of the vehicle. It needed to have the necessary refinement for use in town while giving all the performance anyone would need everywhere else, without being overwhelming.

With the XJR we achieved that balance."

RON LEE

DIRECTOR OF POWERTRAIN ENGINEERING, JAGUAR



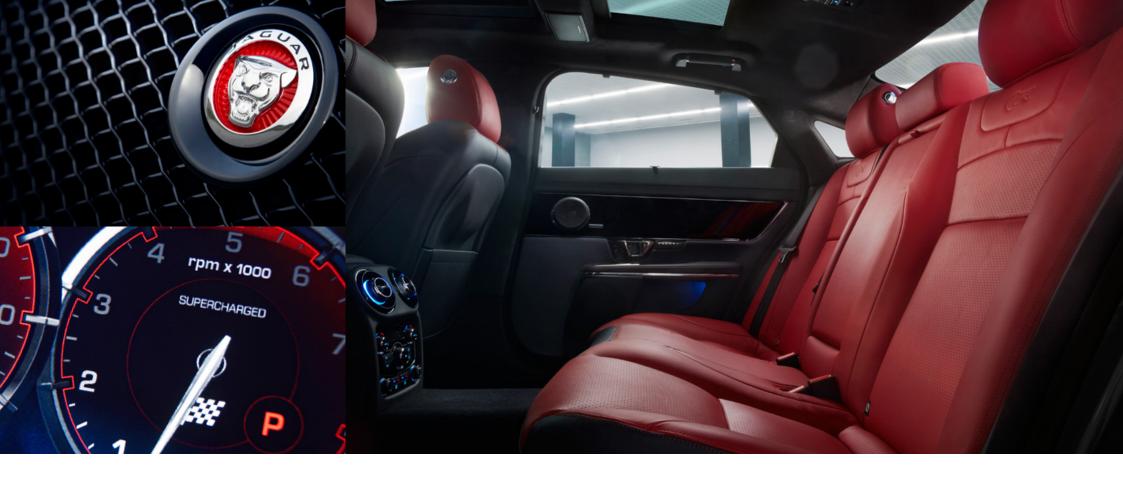












## DESIGN

eflecting the changes under the skin, the appearance of the XJR has been subtly modified in order to allow the car to achieve its full potential. The 'R' spec side sills, unique to the XJR, serve to create a sharp break-off point between the bodywork and the road surface in order to keep the airflow attached to the car's sides for as long as possible.

Rear lift is also reduced through the fitment of a bootlid-mounted lip spoiler to manage the airflow off the top rear surface of the car, while the special 'R' bonnet louvres aid in aerodynamics and engine cooling.

The five-spoke, lightweight Farallon forged alloy wheels provide the XJR with a purposeful, broad

shouldered stance and come as standard in either Sparkle silver or Technical grey finishes. The assertive appearance of the XJR is further enhanced with a Sport pack grille with chrome surround and black mesh.

XJR customers can choose from an exterior palette comprising ten colours: Polaris White, Ebony, Ultimate Black, Stratus Grey, Lunar Grey, Rhodium Silver, Cashmere, Caviar, Carnelian Red and Black Amethyst.

This colour palette is complemented inside the XJR with a unique combination of colourways. Jet leather trim is available with a choice of either Ivory, London Tan or Red Zone inserts on the seat facings. The seats themselves are embossed with the 'R' logo and can be

finished with a choice of stitching in either Red or London Tan. Jet suedecloth headlining comes as standard with an optional leather headlining in Jet to complement the XJR interior.

The XJR is fitted as standard with a 380W, 12-speaker surround-sound system from British audio experts Meridian. Recognised by audiophiles as a leader in audio reproduction and fidelity, the system uses digital signal processing to create a sound field that is second to none. An optional 825W, 18-speaker system features Meridian's proprietary Trifield System which places every occupant at the centre of their own perfectly focused surround-sound arena.





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