

PaddockTalk

Jaguar XJ6D 2.7 Litre Twin-Turbo Launched

Posted by: MSulka on May 31, 2007 - 06:03 AM

The introduction of the 2.7 litre twin-turbo Diesel to the XJ range marks a significant development for Jaguar's flagship model. Following on from the highly successful introduction of a diesel engine to the S-TYPE model range, the new XJ 2.7 twin-turbo Diesel means Jaguar can meet the increasing demand for diesel-engined cars in the marketplace. And of course, the 3.0 V6 and two V8 petrol engines - 4.2 and 4.2 litre supercharged - remain as impressive as ever.

The XJ ranks alongside the new XK as the most technologically accomplished Jaguar has ever built. It was the first production Jaguar to be constructed with a lightweight aluminium monocoque structure; a feature that gives the XJ significant competitive advantages over its rivals. A lighter car means faster acceleration and shorter stopping distances, as well as frugal fuel economy and range, particularly when combined with the latest fuel-efficient diesel engine. The aluminium monocoque design of the XJ offers improved stiffness and safety performance over the conventional steel body of the previous model, meaning the customer not only benefits from the weight saving associated with aluminium, but gets the added benefit of exceptional ride and handling as well as being extremely quiet and safe.

That's why the addition of the 2.7 twin-turbo Diesel to the XJ range complements the underlying package so well. Lightweight aluminium construction allied with a modern twin-turbo diesel produces dynamic performance with precise handling and exceptional refinement. Producing 152kW of power, a diesel-powered XJ saloon will accelerate to 100kmh in just 8.2 seconds, while a powerful wave of torque (435Nm) is available virtually throughout the powerband to ensure instantaneous acceleration in every gear.

Yet the efficient diesel engine and light overall weight of the car means low running costs thanks to an average fuel consumption figure of 8.1 l/100km combined cycle. With the addition of a Catalysed Diesel Particulate Filter (CDPF), the advanced design of the V6 engine ensures it also exceeds Euro Stage IV emissions requirements.

A host of intelligent technology works in harmony with the driver and passengers to ensure perfect ride comfort on every journey. For example, electronically controlled, self-levelling air suspension is standard on all models. This automatically lowers the car at speed to provide remarkable high-speed stability and improve aerodynamic efficiency.

Jaguar's renowned Computer Active Technology Suspension (CATS) uses computer technology and sensor feedback to automatically adjust damper settings. The result is a unique combination of agile handling, outstanding ride comfort and excellent driver control.

Noise intrusion into the cabin is reduced to a remarkably low level with the Integrated Acoustic Damping System. This uses high acoustic absorption on the underside of the bonnet, airtight seals between the bonnet and engine compartment and a new double-skin bulkhead structure to dramatically reduce engine noise inside the cabin.

For the first time on all XJ models, acoustic laminated glass further minimises the intrusion of external noise into the cabin. The 2.7 twin-turbo Diesel XJ also sets an industry first, being the first car in its class to feature electronically controlled active engine mounts, which cancel 90% of engine vibration at idle. The result is a car that offers best-in-class refinement.

Jaguar has achieved remarkable success in the JD Power and Associates Initial Quality Study released in May last year in the US. Improving to second place overall, Jaguar topped the poll as the highest-ranked European nameplate. Jaguar's Halewood plant, where the X-TYPE is manufactured, also received JD Power's Gold Award for European plant performance.

"The new 2.7 litre twin-turbo XJ Diesel is one of the most technologically advanced cars Jaguar has ever made, and creates a unique position in the Australian market place for Jaguar with a premium luxury diesel vehicle " says Dorian Laphorne, General Manager, Jaguar Australia.

KEY FEATURES

New 2.7 litre twin-turbo V6 Diesel introduced to XJ range - the first diesel XJ.

Latest twin-turbo commonrail diesel engine technology means the 2.7 litre V6 produces 152kW power and 435Nm of torque.

Fitted with a Catalysed Diesel Particulate Filter (CDPF).

Accelerates from 0-100km in 8.2 seconds, with a top speed of 225kph, yet returns 8.1 litres/100km (combined cycle).

Electronically controlled active engine mounts on diesel model - an industry first - cancel engine idle vibration by 90 percent and provide class-leading levels of refinement.

Pricing details: \$154,900 RRP