NEW STRAIGHT-SIX INGENIUM DIESEL

Jaguar Land Rover's new in-line D250, D300 and D350 six-cylinder diesel engines were designed, developed and are produced in-house in the UK.

ABOVE & BEYOND

MILD HYBRID ELECTRIC VEHICLE TECHNOLOGY

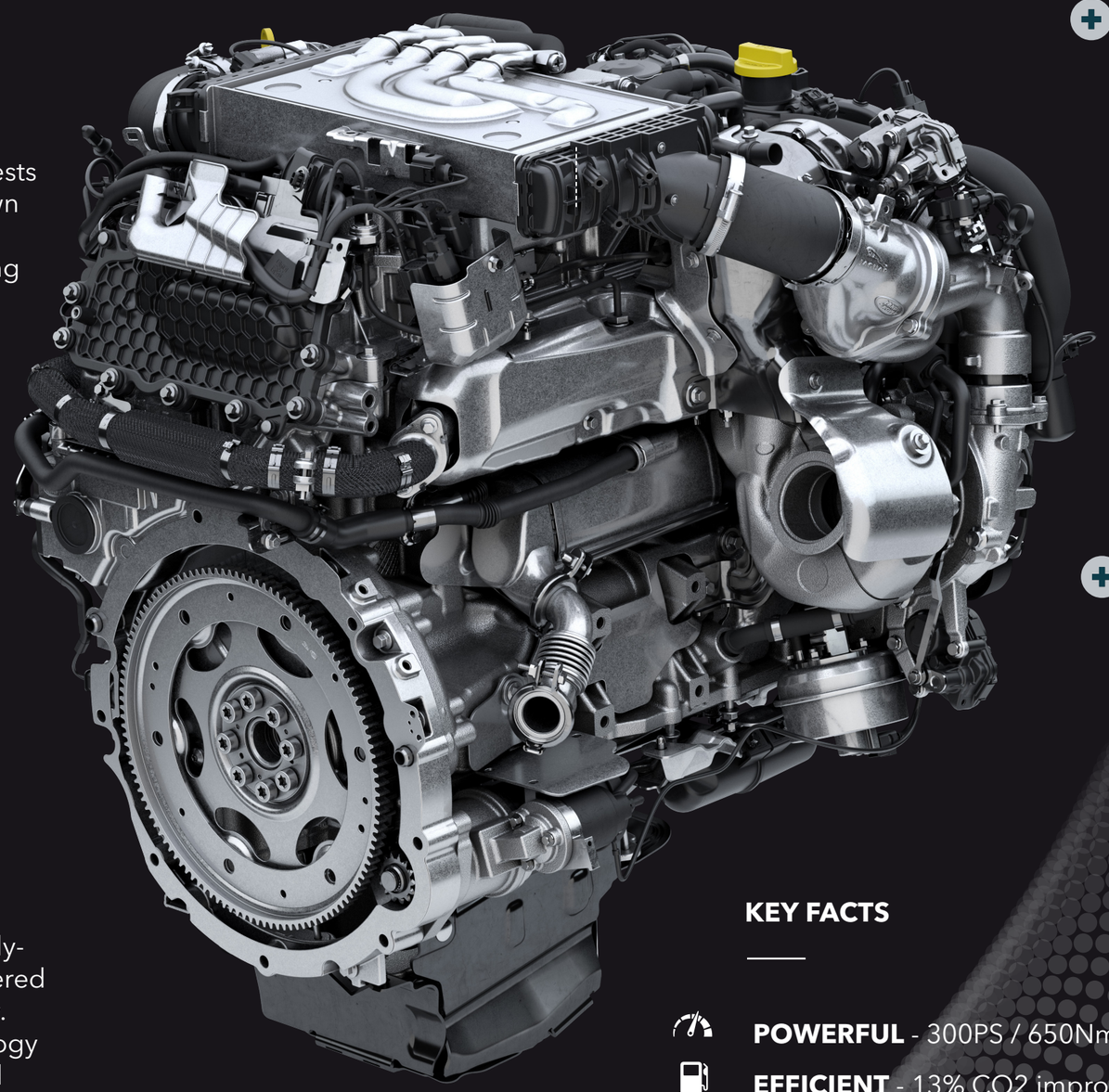
Intelligent 48-volt MHEV system harvests energy usually lost when slowing down and redeploys it to provide torque assistance during stop/start, enhancing efficiency and smoothness.

LIGHTWEIGHT CONSTRUCTION

All aluminium engine architecture delivers an 80kg weight saving over the outgoing V8 diesel engine, with enhanced peak power and superior refinement, efficiency and driving dynamics.

BOOSTING SYSTEM

Two close-coupled, series sequentially-arranged turbos maximise heat delivered to the catalyst for maximum efficiency. Twin Electric Variable Nozzle Technology provides the ultimate in precision and flexibility, allowing delivery of 90% of peak torque in just over a second at 2,000rpm.



FUEL SYSTEM

Advanced fuel injection system operates at up to 2,500 bar and delivers up to five injections for every engine cycle, with quantities as small as 0.8 milligrams delivered in 12 microseconds (0.00012 seconds).

LOW FRICTION DESIGN

Efficiency boosting steel pistons and advanced Exhaust Gas Recirculation system join technologies shared across the Ingenium family including needle roller cam bearings, off-set crankshafts and variable coolant and oil pumps for optimised efficiency.

KEY FACTS

POWERFUL - 300PS / 650Nm of torque or 350PS / 700Nm of torque

EFFICIENT - 13% CO2 improvement versus outgoing TDV8*

LOW NOx - Combination of advanced technologies reduces NOx emissions

CERTIFIED - RDE2 and Euro 6d-Final emissions regulations compliant

*Comparing TEL 19MY TDV8 Range Rover vs 21MY Ingenium 6 Cylinder Diesel Range Rover