

## DEFENDER

### NEW STRAIGHT-SIX INGENIUM DIESEL

Jaguar Land Rover's new in-line D200, D250 and D300 six-cylinder diesel engines were designed, developed and produced in-house in the UK.

#### MILD HYBRID ELECTRIC VEHICLE TECHNOLOGY

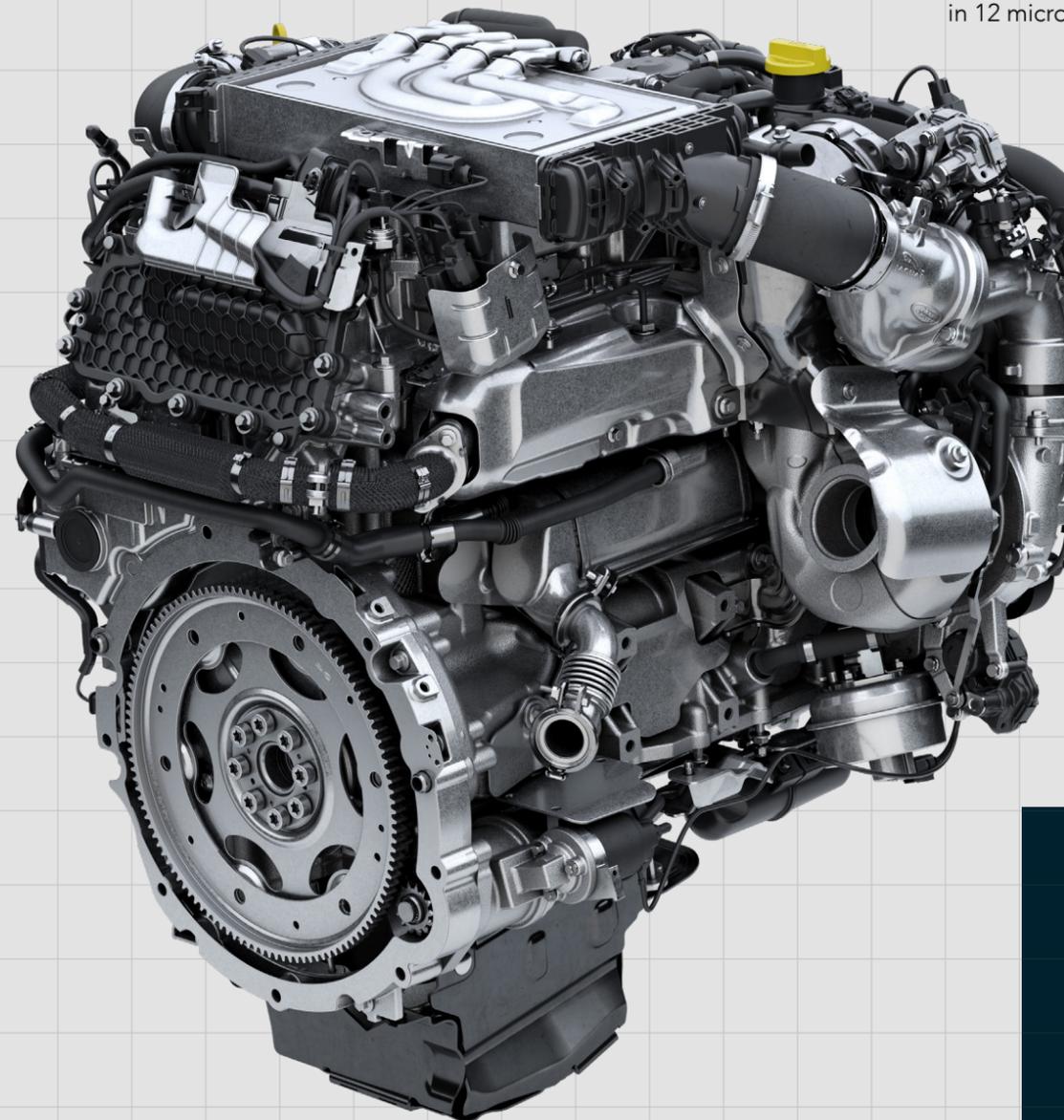
Intelligent 48-volt MHEV system harvests energy usually lost when slowing down and redeploys it to provide torque assistance during stop/start, enhancing efficiency and smoothness.

#### LIGHTWEIGHT CONSTRUCTION

All aluminium engine architecture reduces weight which enhances 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 (0.000012 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.



ABOVE & BEYOND

#### KEY FACTS



**POWERFUL** - 200PS/500Nm, 249PS/570Nm 300PS/650Nm. 70Nm increase for D200 and D250 compared to the previous 4 cylinder Diesel



**EFFICIENT** - Enhanced fuel economy through an efficient Stop/Start system



**LOW NOX** - Combination of advanced technologies reduces NOx emissions



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