



## DRIVING DYNAMICS

The New Discovery Sport features a second-generation All-Wheel Drive system, which takes you and your family to the countryside and beyond road's end.

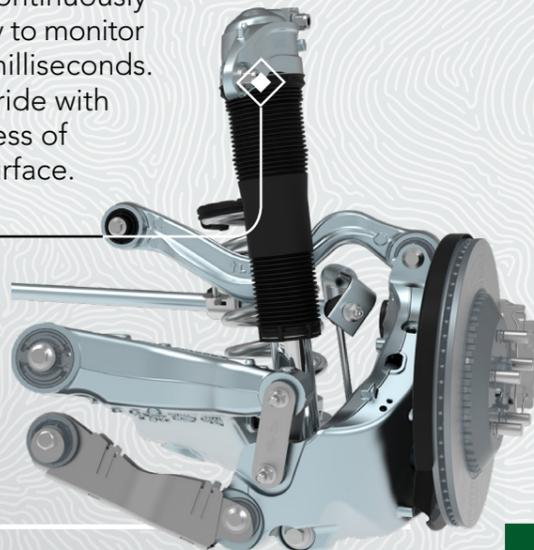
### NEXT-GENERATION MACPHERSON STRUT FRONT SUSPENSION

Featuring Hydrobush technology, new cast aluminium knuckles and stronger front control arms, the front system delivers reduced high-speed wheel vibration, ensuring a truly premium ride.



### ADAPTIVE DYNAMICS

Adaptive Dynamics uses continuously variable damper technology to monitor road conditions every 10 milliseconds. This enables a composed ride with maximum control, regardless of any change of terrain or surface.



### INTEGRAL-LINK REAR SUSPENSION

Integral Link delivers exceptional handling and ride refinement. This system is also half the height of a conventional system, providing less intrusion into the interior and therefore a larger bootspace.



ABOVE & BEYOND

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### ACTIVE DRIVELINE

An intelligent All-Wheel Drive system that controls torque distribution between the front axle and each rear wheel independently, enhancing capability and composure, whatever the conditions.

#### [ON-ROAD]

More torque is distributed to the outside rear wheel when cornering, minimising deviation from the driver's intended path due to understeer. When oversteer is detected, a driveline yaw damping occurs to help stabilise the vehicle for optimised traction.

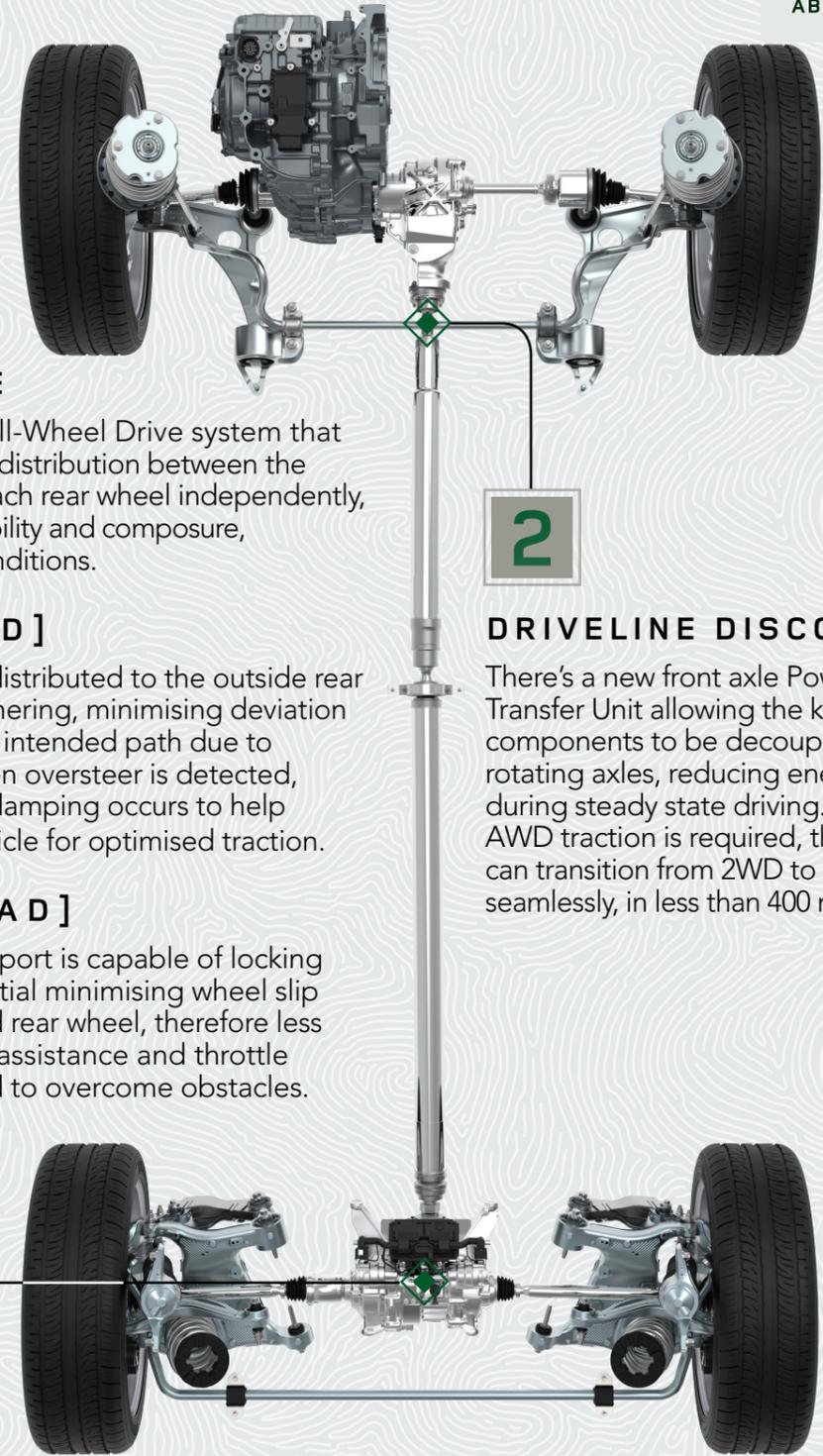
#### [OFF-ROAD]

The Discovery Sport is capable of locking the rear differential minimising wheel slip on the unloaded rear wheel, therefore less traction control assistance and throttle input is required to overcome obstacles.

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### DRIVELINE DISCONNECT

There's a new front axle Power Transfer Unit allowing the key driveline components to be decoupled from the rotating axles, reducing energy losses during steady state driving. Whenever AWD traction is required, the system can transition from 2WD to AWD mode seamlessly, in less than 400 milliseconds.



### TERRAIN RESPONSE 2

Discovery Sport is based on the new Premium Transverse Architecture and uses pioneering Terrain Response 2 technology to take you further into the countryside. There are five driving modes to choose from that optimise performance and off-road capability, plus an Auto mode that selects the most appropriate mode to suit the conditions and surfaces, automatically adjusting torque delivery to suit the terrain.