# **DISCOVERY SPORT**

### WALKAROUND | 2017



**ABOVE & BEYOND** 



### LEFT FRONT CORNER OF THE VEHICLE

### MESSAGE:

The world's most versatile premium compact SUV.

### **KEY POINTS**

- When designing Discovery Sport, the brief for Land Rover engineers was particularly challenging: produce a premium SUV that's more compact than rivals, yet seats up to seven occupants in comfort and offers exceptional levels of efficiency and versatility.
- "An updated version of the legendary brand has got quite a stylish look, the more aristocratic and well-toned body.
  It is simply impossible not to fall in love." Carsintrend
- In addition to a host of convenience features, the new 2017 Discovery Sport will be available in five new exterior body colors: Silicon Silver, Farallon Black, Carpathian Grey, Narvick Black and Aruba metallic.
- Design excellence and engineering integrity differentiate Discovery Sport from the rest of the market.
- Discovery Sport will be produced at the company's awardwinning manufacturing facility in Halewood, Liverpool.
- New Dynamic Design Package provides enhanced interior/ exterior design appeal.
- Premium materials, state-of-the-art engineering, awardwinning manufacturing, stunning design, and authentic heritage make Discovery Sport a Land Rover.



 Introduces a progressive new design approach specifically tailored to create clear differentiation between the other families within the Land Rover brand architecture: Luxury (Range Rover), Leisure (Discovery) and Dual-Purpose (Defender).



### MESSAGE:

### Exceptionally efficient powertrain.

### **KEY POINTS**

- The Si4 2.0-liter gasoline engine features 240 horsepower and 250 (lbs-ft) of torque. An advanced low-inertia turbocharger, highpressure, direct fuel injection and variable valve timing deliver exceptional driveability throughout the rev range. Twin balancer shafts ensure high levels of refinement.
- Stop-start technology, high-pressure direct injection, low-friction internal components and smart regenerative charging for outstanding performance and economy.
- Our advanced ZF 9HP48 nine-speed automatic transmission, including Paddle Shift, delivers peerless refinement, efficiency, driver engagement and off-road capability.
- Nine closely stacked gear ratios provide excellent response and allow for a very low first gear, improved mid-range acceleration and a tall ninth gear for reduced engine revs at higher cruising speeds; this reduces fuel consumption, emissions and engine noise.
- Available Active Driveline switches between two- and four-wheel drive for added efficiency, agility and off-road versatility.
- Active Speed Limiter is now standard for 2017.

### IN FRONT OF THE VEHICLE. LIFT THE HOOD.



### STEP TO THE RIGHT SIDE OF THE VEHICLE. STEP BACK FOR AN OVERALL VIEW.

### MESSAGE:

Progressive design features authentic Discovery style and capability.

### **KEY POINTS**

- The fast hood line with a pronounced step into the rising belt line conveys a dramatic stance, while the roof tapers subtly downwards, adding extra dynamism.
- Optimized volume, proportions and stance ensure a striking visual impact without compromising the functionality and engineering excellence for which the iconic Discovery nameplate is worldrenowned.
- Signature features include a clamshell hood and distinctive two-bar grille with hexagonal mesh.
- Smoothly contoured body surfaces, strong and dynamic lines, and robust detailing including rugged skid plates signal Discovery Sport's incredible breadth of capability.
- Outstanding capability has been at the core of every Land Rover since 1948; Discovery Sport maintains that heritage.
- "The characteristics that make Discovery Sport so versatile offroad also make it a genuinely accomplished vehicle on-road," said Mike Cross, Land Rover Chief Engineer, Vehicle Integrity.
- The air intake is positioned high above the wheel arch to ensure no water enters the engine, while a rigorous testing procedure ensures all door seals are watertight.



- All Terrain Progress Control is standard on all models for 2017.
- Engineering innovations include: a lightweight bodyshell with a mix of steel and aluminum.



- Innovative new multi-link axle ensures exceptional dynamics, refinement and space efficiency.
- Discovery Sport delivers an unmatched breadth of capability in this segment. Terrain Response is complimented by the same Land Rover signature technologies seen in Range Rover: Roll Stability Control (RSC), Gradient Release Control (GRC), Hill Descent Control (HDC), Dynamic Stability Control (DSC), Electronic Traction Control (ETC), to name a few.
- Optional driving systems include Active Driveline, Torque Vectoring, and Adaptive Dynamics with MagneRide™ combine to deliver the most assured, confident drive imaginable.

### AT THE REAR OF THE VEHICLE. OPEN THE TAILGATE.

### MESSAGE:

Designed and engineered to meet any challenge.

### **KEY POINTS**

- "Engineering innovation is key to Discovery Sport's outstanding versatility," said Murray Dietsch, Director, Land Rover Programs
- A centrally mounted high-level stop lamp uses advanced LED light-pipe technology, for a distinctive and visible ribbon of light.
- The Power Tailgate feature can be opened using the key fob, a switch on the fascia, or operated independently using a button on the tailgate itself. Gesture feature is now added to Power Tailgate as standard equipment for HSE and HSE Lux.
- With a loadspace of up to 60 cubic feet and the option of flexible
  5+2 seating which, when stored flat, gives a load floor of
  38.8 inches, it accommodates 5+2 passengers and their gear with ease.
- The second row is both comfortable and spacious, thanks to the flexibility of the seats to travel 6.3 inches forward and back which also allows for optimizing legroom for both 2nd and 3rd row occupants.
- Strong, stiff and light bodyshell provides outstanding foundation for the safety demand of our customers.
- A comprehensive occupant safety package including driver and passenger airbags, knee airbags, and side curtain and thorax airbags has naturally been a priority.
- Optional Autonomous Emergency Braking, Blind Spot Monitor, Lane Departure Warning and Parking Exit enhance the already impressively safe Discovery Sport.



- Rear Parking Sensors are standard on all models and for 2017.
  Front Parking Sensors are standard on HSE and HSE Lux.
- Rearview Camera enhances visibility and aids maneuvering while reducing chance of collision.
- In addition to technological driver aids, Discovery Sport maintains that Land Rover hallmark of excellent visibility. This greatly benefits the driver when operating in tight spaces.

# POSITION 5 MOVE CUSTOMER TO THE DRIVER'S SEAT & ADJUST AS NECESSARY. POSITION YOURSELF IN THE PASSENGER'S SEAT.

### MESSAGE:

Discovery Sport's versatile interior has been designed to be premium, not precious.

### **KEY POINTS**

- At an early stage in the vehicle's development program, Land Rover designers invited a large cross-section of families to a development center and watched as they climbed into a variety of existing SUVs. The results helped shape the Discovery Sport into the most versatile premium compact SUV.
- The center console forms a strong vertical graphic in the middle of the instrument panel; ensuring key controls are deliberately placed to provide easy access from the Sports Command Driving Position.
- Land Rover InControl Apps (optional on SE,HSE; standard on HSE Lux) enable you to use vehicle optimized smartphone apps on the vehicle's touchscreen.
- Available Land Rover InControl Touch Pro infotainment system is at the heart of the technological additions for the 2017 model year. The system provides a larger 10.2-inch touchscreen and intuitive menus, replicating the look and feel of smartphone apps, and allowing users to swipe and pinch, just as they would on a tablet.
- For the ultimate comfort whatever the temperature, Climate Front Seats are available.
- Eco Mode prioritizes the most efficient vehicle settings including auto transmission and comfort features like heating and air conditioning in order to minimize fuel consumption and CO<sub>2</sub> emissions.



- The optional full glass fixed panoramic roof enhances the sense of space in the vehicle's interior and floods it with natural light.
- The cabin is integrated with up to three 12V power points and six USB charging sockets. These can be specified for all three rows of seating, allowing multiple electronic devices to be charged simultaneously.
- Available on SE and HSE models, the Audio Upgrade Package now offers a Meridian (380w) 11-speaker (includes subwoofer) Audio System. Package also includes Sirius XM Satellite and HD Radio.
- 2-Zone Automatic Climate Control for individual comfort.
- 5" TFT screen in instrument cluster makes personalizing your vehicle easy to see.
- Global opening/closing for all windows

### MESSAGE:

Connected and comfortable handling on and off the road.

### **KEY POINTS**

- Somehow, our engineers consistently create a vehicle that is greater than the sum of its parts.
- The Command Seating Position provides multiple benefits to any driver and passenger, not the least of which is excellent visibility
   a rare thing these days.
- Point out the smooth ride from our all-new multi-link rear axle.
- Variable-ratio, electric power-assisted steering (EPAS) as well as optional Torque Vectoring by Braking (TVB) and available MagneRide<sup>™</sup> adaptive dampers create an exceptional experience.
- Acceleration is brisk due to the turbocharged 2.0 liter and the nine-speed transmission.
- Allow the driver to experience available Lane Keep Assist w/ Driver Condition Monitor when showing HSE & HSE Lux models.
- If appropriate, remind the customer of the various electronic control systems such as DSC or Terrain Response which are always engaged for maximum performance.

### CHANGE PLACES WITH THE CUSTOMER, SO YOU CAN DRIVE THE VEHICLE FIRST.

Discuss handling, ride and acceleration before handing over the controls.





### MULTI-LINK REAR SUSPENSION

### PERFORMANCE

- Lightweight components offer better on-road agility.
- Long wheel travel for off-road traction.

### UTILITY

- Compact design maximizes cabin space and storage capability.

### COMFORT

- Suspension design allows for increased rear legroom.
- Quieter ride.

### **TERRAIN RESPONSE**

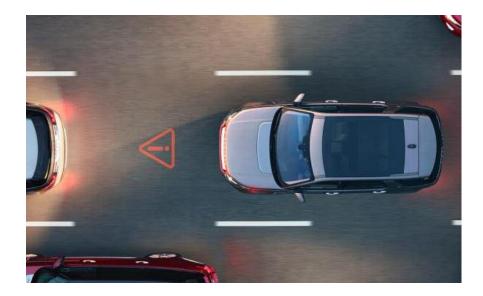
### PERFORMANCE

- Systems are optimized for any and all driving conditions.
- Terrain Response is never off—it is always working.
- Driver can manually select one of four settings to "preload" the vehicle systems.

### COMFORT

- Confidence that complicated decisions are addressed without second thought from the driver.
- Simplified operation through use of one large control dial to engage any program.





# AUTONOMOUS EMERGENCY BRAKING SYSTEM (Optional)

### SAFETY

- Uses stereo cameras mounted next to the rear-view mirror designed to detect objects that could pose the risk of a collision.
- The system helps to avoid collisions below 32 mph (50km/h), and reduces the severity of an impact at speeds below 50 mph (80km/h).
- Can alert the driver with a visual and audible warning.
- If the driver takes no action and a collision is judged unavoidable, a driver warning is triggered while the system applies full braking pressure to bring the vehicle to a stop.

### **GRADIENT RELEASE CONTROL**

### SAFETY

- Avoids alarming lurches on down-hill restarts.
- Allows the driver to concentrate on other issues.

### COMFORT

- Automatic operation whenever HDC is engaged.
- Assists with hill restarts as well.

### TRANSVERSE MOUNTED 2.0 LITER TURBOCHARGED INLINE FOUR CYLINDER ENGINE

#### PERFORMANCE

- Inline engines offer smooth power delivery and usable torque supporting a "premium utility" message.
- 2.0 Liter 4-cylinder Turbo charged engine, delivering both increased power and efficiency.

#### SAFETY

- The transverse (sideways) mounted engine is compact allowing for a large crumple zone during a frontal collision.
- Increased horsepower and torque allows for quicker acceleration when merging into traffic on the highway.

### COMFORT

- The transverse mounted engine enables the interior cabin to move forward accommodating someone of significant height.
- Larger interior means more cargo space and ease of access.

### ALL TERRAIN FOUR CHANNEL ABS

#### PERFORMANCE

- Brakes are ventilated front and rear to maintain control under heavy braking and towing.
- ABS works below one mph for off-road use.
- Works in conjunction with Hill Descent Control promoting Land Rover's supremacy off road.

#### SAFETY

- Every brake has its own sensor maximizing control during a panic stop.
- The ABS system is at the heart of the Traction Control, DSC and Terrain Response features allowing full communication between the systems.

#### DURABILITY

- Braking surfaces are large and robust for use in rugged environments.

### **ADAPTIVE DYNAMICS** (MagneRide™) Available on

Dynamic theme only with Intelligent Dynamic Package

### COMFORT/LUXURY

 Active suspension allows for firm/sporty handling while simultaneously providing a smooth ride over harsh bumps.

### SAFETY/TECHNOLOGY

 State-of-the-art programming monitors the road surface 1000X/ second and communicates that data to pre-load the damping rate on the suspension.

### PERFORMANCE/CAPABILITY

 On-road and off-road performance are increased providing an even wider breadth of capability.

### ELECTRIC POWER ASSISTED STEERING (EPAS)

### ECONOMY/SUSTAINABILITY

- EPAS eliminates the need for power steering fluid no leaks or waste fluids generated over the life of the automobile.
- $-\,$  With no power steering pump drawing energy from the engine, CO\_2 output is reduced by 3%.

### PERFORMANCE/CAPABILITY

- The meticulously tuned EPAS (Electric Power Assisted Steering) system delivers accurate, consistent steering and agile cornering.
- Power assistance is speed-sensitive, so the steering is light and responsive at lower speeds and firmer at higher speeds compared to conventional power steering systems.

### ACTIVE DRIVELINE

(Available only w/Intelligent Dynamic Package)

### SAFETY/TECHNOLOGY

- Proactively decides when to engage to ensure appropriate traction at all times.
- Integrates with Terrain Response to optimize control.

#### ECONOMY

- Recognizes opportunities to decouple 4WD to increase fuel efficiency.



# SMART REGENERATIVE CHARGING-SYSTEM ALTERNATOR

### ECONOMY/SUSTAINABILITY

 When possible, the alternator will only charge during deceleration while the driver's foot is off the accelerator, reducing the power drain from the engine and increasing fuel economy while reducing emissions.

### PERFORMANCE/CAPABILITY

 Acceleration is increased as is the "fun factor" of the overall driving experience.

### NINE-SPEED AUTOMATIC TRANSMISSION

### PERFORMANCE/TECHNOLOGY

- Discovery Sport features a nine-speed automatic transmission.
- 16.6lbs (7.5kg) lighter than the previous six-speed model helps to increase performance.

### ECONOMY/SUSTAINABILITY

 Depending on driving style you could see improvements in both fuel economy and CO<sub>2</sub> emissions as well as greater control in low-grip conditions or when towing through the specially-designed, ultra-low first gear.

### LUXURY/COMFORT

- Smooth transitions between gear changes allows for a premium ride.

### **8-INCH TOUCHSCREEN**

### LUXURY/SAFETY/DESIGN

- Large screen is easy to see while operating the vehicle.
- Touchscreen reduces the number of buttons and switches that clutter the area and confuse the operator.



### INCONTROL® TOUCH PRO WITH NAVIGATION

(HSE and HSE Lux models, available only as part of the Entertainment Package)

### CONVENIENCE

- The 10.2-inch touchscreen responds in the same manner as a smartphone or tablet computer, providing multi-touch gestures such as pinch to zoom, and swipe.
- Provides a 21:9 super-wide format with 80% more pixels than the standard 8-inch touchscreen.
- Intelligent enough to determine where you might want to go even if you misspell a destination.

### **LANE KEEP ASSIST W/DRIVER CONDITION MONITOR** (HSE & HSE Lux models)

#### HSE & HSE LUX M

#### SAFETY

- If it detects that the vehicle is getting too close to either side of its lane, the system will gently but noticeably counter-steer to keep the vehicle in the lane.
- Continuously monitors and analyzes the steering behavior of the driver to identify phases during which the driver does not steer for a brief period and then makes an abrupt correction often a sign of failing concentration and arising tiredness.

