

# THE RANGE ROVER

FOR 2006



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**BREATHTAKING:** The quintessential expression of refinement...from every angle, the view is exceptional.

# EXTRAORDINARY

**Land Rover has gone beyond excellence** to create what can only be called The Range Rover for 2006. Admired throughout the world for its sophisticated blend of luxury, performance and supreme capability, this latest Range Rover expands upon its reputation in all directions.



## UNCOMPROMISED

**Improved in every way, The Range Rover for 2006 makes a powerful statement.**

With the 305-horsepower Range Rover HSE and the 400-horsepower Range Rover Supercharged, great power is manifest, and it has helped Land Rover take what is already a lofty ideal and raise it even higher.

Incredibly, even though you can enjoy the most powerful engine

ever offered in a Range Rover, you will also be sitting in the quietest Range Rover yet. Whether under full-throttle acceleration or placidly traveling the expressway, the sound coming from the outside world is pleasantly muted. It is an environment that allows you to concentrate on the road ahead, and enjoy the conversation at hand.

Further signaling the refinements for 2006 are expressive new details

outside, such as the sculpted headlights and front grille, while inside, the masterful interior benefits from even more luxury and advanced technology.

An examination of The Range Rover Supercharged reveals several unique details, such as the multifaceted front grille and matching power vents, clear taillights, Brembo® brakes and impressive, 20-inch wheels and

tires. In either form – HSE or Supercharged – The Range Rover for 2006 proves that in a few rare instances, there is absolutely no need to compromise.







Shown with optional Luxury Interior Package.

# ENCHANTING



**The Range Rover interior is a paragon of automotive design.** And for 2006, meticulous fine-tuning has resulted in new levels of quietness and perfection. Dramatic new leather and wood colors and combinations increase your ability to express your individuality.\* Clever technology like the Tire Pressure Monitoring System and available Adaptive Front-Lighting System enhances both safety and convenience. It all contributes to an environment that makes for effortless travel.

\* See page 33 for color and trim combinations.

## ENTERTAINING INFORMATION

**In the center of Range Rover's elegant dashboard sits a large, touch-screen panel that puts a vast array of entertainment and information systems at your fingertips. This sleek, high-resolution color display incorporates the harman/kardon® LOGIC7 audio system, the DVD navigation system, the Personal Telephone Integration System, the 4x4 Driver Information System and the rearview camera.**

Access the audio system, and whether you choose to listen to AM, FM, CD (the six-disc in-dash CD changer can also play MP3 CDs) or available satellite radio\*, the 14-speaker, 710-watt harman/kardon LOGIC7 digital surround-sound system

will dazzle you. The brilliance of LOGIC7 is its ability to create a remarkably natural sound stage complete with reflected sounds that deliver a delicate ambiance and ultimately, the feel of a "live" performance.

The strength of a DVD-based GPS navigation system is that you have instant access to the entire country. More than maps, the Range Rover navigation system can point you to restaurants, hotels, points of interest and more, providing you with turn-by-turn directions to any and all. For instance, Range Rover will not only warn you that you're running low on fuel, it can provide you with

directions to the closest gas station. Should you drive into an area where no roads are mapped, the system automatically sets electronic waypoints to track your progress, allowing you to retrace even a complicated route.

As if settling into the first-class seats of a top airliner, rear-seat passengers can sit back, put on a

set of wireless headphones and enjoy a favorite show on the available twin 6.5-inch LCD screens (mounted in the back of the front-seat head restraints). Queue up hours of entertainment in the six-disc DVD auto-changer or plug a game player or MP3 player into the auxiliary jack. With accoutrements like this, you'll almost be tempted to give up the driver's seat and sit in back.



Some vehicles shown with optional equipment.



\* Not available in Canada.

## ARTFULLY CRAFTED

### **Luxury manifests itself in many distinct ways, and all are well represented within Range Rover.**

The sumptuous leather, the finely crafted wood and brushed metallic surfaces are inevitably what get noticed first.

With just a quick glance or a short drive, though, it is virtually impossible to absorb all of the luxurious details that are integrated into the Range Rover interior. Start up on a cold winter morning, and your hands will feel warmth coming from the available heated steering wheel.\* Select Reverse, and the touch-screen display will present a “live feed” from the rearview camera,

showing the area behind your rear bumper. On late-night drives, you’re sure to notice the elegant waterfall lighting that helps minimize fatigue by casting a soft, gentle glow of light onto secondary controls. There are many more examples, and collectively these thoughtful touches help Range Rover exceed even the highest expectations.

Make a call and you will likely be struck by the convenience of the Personal Telephone Integration System. If you carry one of the mobile phones that the system accommodates, you’ll be able to clip it right into the available “docking station” cradle and connect to the

Range Rover’s array of integrated telephone features, such as hands-free mode, touch-screen dialing, voice recognition interface, steering-wheel controls and built-in antenna. Many Bluetooth™ enabled phones will connect just by being in the vehicle.

Go beyond the already-superb Range Rover interior by selecting the Luxury Interior Package,\*\* which adds several commendable upgrades. The power front seats offer increased support and comfort with 16-way adjustability, including power control of the upper seat back and head restraints. Leather – already abundant within Range Rover – is even more prevalent

in the Luxury Interior Package. In addition to elegant flutes in the leather-trimmed upholstery, three different types of leather are employed, each strategically selected for its suitability for a particular surface. Available in a full palette of colors, including several exclusive combinations, the Luxury Interior Package adds a custom touch to Range Rover’s already-exquisite interior.



\* Available Heated Accessories Package (standard in Canada). \*\* Optional in The Range Rover HSE; standard in The Range Rover Supercharged.



# BLUR THE LINES

**The best of all worlds** has been a Range Rover hallmark since Land Rover invented the luxury SUV. The Range Rover for 2006 advances the art with more power, more refinement and more panache than ever before, ensuring that no matter where you drive, you'll always be in the right vehicle.



## COMMAND MORE

**Few things in this world are more gratifying than effortless, flowing power,** which is exactly what The Range Rover HSE's new quad-cam, 4.4-liter V8 delivers. This highly refined engine not only produces 305 horsepower, it generates a commanding 325 pound-feet of torque. These numbers translate directly into effortless acceleration across the spectrum of driving situations.

Playing an equally important role in the responsive, smooth acceleration is the new-for-2006, six-speed, intelligent-shift automatic transmission. With six forward gears to work with, this highly advanced transmission is always operating in the ideal ratio, and what's more, this "smart" transmission will actually study your driving style and adapt its shift patterns to match. If you would rather shift on your own, slide the

elegant gear selector into the CommandShift™ mode, and you have manual control.

No matter which transmission mode you enjoy, you will never have to wonder if the four-wheel-drive setting is appropriate for the conditions. Permanent four-wheel drive is just that – Range Rover sends power to all four wheels all the time. More than just a foul-weather

benefit, having all four wheels engaged 100 percent of the time pays dividends in every conceivable driving situation, aiding handling, acceleration and even braking. Need Low Range? Just touch a button. Perhaps permanent four-wheel drive should be renamed "complete confidence."



## BLACK MAGIC

**Since the Range Rover's arrival in North America in 1987,** only green-and-white emblems have adorned the front grille of these exclusive vehicles. Until now. The Range Rover Supercharged is indeed that significant.

While there are many defining characteristics of The Range Rover Supercharged, phenomenal, refined power rises to the top. The appeal of a supercharger is immediate gratification, regardless of engine speed. Push down on the bright stainless steel throttle pedal and feel the instant thrust of a 400-horsepower, supercharged engine. It'll make you smile, no matter how many times you try it.

The black oval badge represents more than just horsepower. The Range Rover Supercharged is the result of a number of performance

enhancements that, together, paint a complete picture of a performance-luxury vehicle. The six-speed automatic transmission, for example, has the added benefit of Positive Torque – sports car technology that enhances the manual shift mode by automatically adjusting engine speed to facilitate smoother, faster shifts.

The brakes are effectively “supercharged,” as well. Peer into the open spaces between the spokes of the 20-inch alloy front wheels, and you will see the word “brembo” embossed on the outside of the brake caliper. Brembo is a world leader in high-performance and racecar braking systems, so it is fitting that the 400-horsepower Range Rover Supercharged be in that category.

Given the spirited driving that supercharging inevitably solicits,

both the suspension and steering systems have been appropriately tuned for improved responsiveness. Several visual cues also pay tribute to the performance nature of The Range Rover Supercharged. The front grille and side power vents have a bright-metallic finish and there are two new, Supercharged-only

interior combinations – Jet or Ivory perforated leather trims, each showcasing rich, Grand Black-finished wood accents. It all adds up to one inevitable conclusion: There's power behind the badge.







## PERFECTLY COMPOSED

**The miracle of Range Rover** is its ability to be whatever vehicle you want it to be – and often many different vehicles in the same day. Brilliant on bumpy trails and in adverse weather conditions, that same vehicle can just as easily whisk you down the highway and deftly devour a mountain road complete with switchbacks, high-speed turns and steep climbs.

Underpinning Range Rover's exceptional composure is its fully independent Electronic Air

Suspension (EAS) system. The inherent benefit of this suspension configuration is that each wheel is able to act – and react – completely independently. EAS builds upon that strength, adding great versatility. For example, EAS enables Range Rover to automatically lower at highway speeds, giving it improved aerodynamics. On the other end of the spectrum, when traveling off pavement, EAS allows Range Rover to "extend its legs," raising it well above standard ride height.

Should your exuberance in any driving situation exceed the available traction, all-terrain Dynamic Stability Control (DSC) – one of Range Rover's many sophisticated control systems – will assist you. Sensors can detect the onset of a cornering-induced skid, at which point it can brake each wheel individually and modulate engine power to help keep you on course. DSC is on guard whether you are driving on wet pavement or negotiating a muddy mountain trail, and especially in surprise

situations such as an emergency lane-change maneuver.\*

All this sound amazing? It is. Power, control and composure unite within Range Rover, allowing you to drive a multitude of vehicles with a single key.

\* DSC cannot regulate all the factors that influence vehicle control. Please practice safe driving techniques.





## STANDING GUARD

### **A seamless network of active and passive safety systems**

is engineered into Range Rover to watch over your well-being. At the most elemental level is the Range Rover body structure. Strong to the core, it is also engineered to distribute impact forces in a calculated manner using progressive, deformable crumple zones. Next in line are passive safety systems such as height-adjustable safety belts with pre-tensioners and force limiters that help properly position occupants for airbag Supplemental Restraint System (SRS) deployment. The eight-airbag SRS includes front and side airbags for the front seats, and head-protection airbags for both front and rear seats. There is even a collision-activated inertia switch that unlocks the doors, turns off the fuel pump and turns



on the hazard lights in the event of a collision.

The safest route, of course, is to avoid trouble in the first place. Range Rover is replete with active safety systems to help keep you on course. There is nothing more critical for your safety than being able to see what's ahead of you. Improving night vision, the bi-Xenon Adaptive Front-Lighting System\* can adjust the headlight beams up, down, left and right to match steering inputs and vehicle movement on the road. Efficient braking in all situations is an essential safety component. Building upon its already incomparable all-terrain, four-channel ABS system, Range Rover has several additional advanced braking systems to help maximize control. Electronic Brakeforce Distribution (EBD) helps

balance the work of the front and rear brakes based on vehicle load, Emergency Brake Assist (EBA) applies full anti-lock braking when situations demand and Cornering Brake Control (CBC) – when it's necessary to brake in the midst of a corner – can modulate the braking pressure at each wheel to maximize braking effectiveness.

All of these complex systems work most effectively when the tires are inflated to optimum pressure, and you will always know whether that is the case. The built-in Tire Pressure Monitoring System will warn you if any of your tires – even the full-size spare – is below ideal operating pressure. These many examples only begin to illustrate Land Rover's holistic approach to safety.

\* Available as part of the HSE Luxury Package; included with Supercharged.



# EXPAND ALL HORIZONS

**Range Rover's legendary reputation is a direct product of legendary capability.** Travel the world (and you will want to) and you will be hard-pressed to find a situation where Range Rover isn't at home. Bad weather, bad roads – no roads – no matter...quite simply, Range Rover is never out of place.



## COMPLETELY CAPABLE

**While The Range Rover for 2006 is simply superb on-road, the same can be said for its off-pavement prowess.**

Furthering the benefit of permanent four-wheel drive is an assemblage of advanced control systems that come together to facilitate effortless progress, no matter where you're driving.

It takes no more than the touch of a button to give Range Rover increased ground clearance.

The same is true for shifting the permanent four-wheel-drive system into Low Range. Even when moving, you can shift into Low Range with the touch of a button.



Many of the systems are active automatically. Land Rover's four-channel, all-terrain Anti-lock Braking System (ABS) – supremely capable on-road – is programmed to adjust to varying surfaces, giving you maximum braking power even on dirt and worse. The four-wheel Electronic Traction Control (4ETC) system, too, is in its element off-pavement. Regardless of the surface you're traveling on, when 4ETC detects wheelspin, it automatically directs engine power to the appropriate wheels – helping in a variety of conditions, from ice and snow to wet grass, gravel and sand. The system is there to assist you whether you are driving in High Range or Low Range.

Point down a steep dirt trail, a long, snow-covered driveway or any other sort of hill and Hill Descent Control (HDC) – a Land Rover invention – allows you to leave your foot off the brake and just steer. HDC will guide you slowly and expertly down your chosen path. Yet more evidence that no matter how far and wide you travel, you'll never go beyond Range Rover's immense capability.



# COMPLEX. SEAMLESS. A MARVEL OF SYNTHESIZED TECHNOLOGY



The high-torsional rigidity of the Range Rover body structure pays dividends in many arenas – safety, comfort, durability, refinement, off-road capability plus on-road dynamic control. Here's the inside story.

**How strong is a Range Rover?** Consider these engineering tests: The body structure's torsional rigidity has been measured at 7.3 million pounds per degree of chassis flex (25,000 Nm per degree or, put another way, immensely strong). It can withstand a “snatch recovery” load of 12,000 pounds (54,000 N) – the kind of load that might be placed on a Range Rover if it were pulling a large vehicle out of deep mud. And, of course, the chassis is engineered for Range Rover's traditionally high towing capacity – 7,700 lb. (3500 kg).

#### MYRIAD BENEFITS

Strength has many benefits. In addition to occupant safety, Range Rover's impressive body structure also aids in the vehicle's overall refinement. To help isolate the occupants from noise and vibration, three tubular-steel subframes are fitted for the front suspension, central transfer gearbox and rear suspension. Another intriguing detail: Drivetrain and road noise are further reduced by Range Rover's double-skinned transmission tunnel.

#### MATERIALS SCIENCE

While two-sided zinc-coated steel is used extensively for body panels, aluminum alloy – in the Range Rover tradition – also plays a vital role.

This strong-but-lightweight material is used for the doors (both the inner and outer panels), hood and front fenders, plus many drivetrain components. The benefits of this specification are reduced overall weight, optimized weight distribution (helping to lower the vehicle's center of gravity) and enhanced corrosion protection.

#### SUPREME BALANCE

Foremost in the minds of Range Rover suspension engineers was the supreme balance of on-road comfort and control, with off-road capability. The fact that they've achieved this objective is obvious even after just a few minutes of driving.

The basic geometry of the fully independent strut/double-wishbone suspension, plus inherent rigidity of the chassis, enhance overall comfort, quietness and refinement. The relatively soft spring rates of the air springs combined with the responsiveness of gas-filled shock absorbers play a key role in Range Rover's on-road/off-road duality. Perhaps most significant, however, is the contribution of the sophisticated Electronic Air Suspension (EAS) system.





This computer-controlled system provides automatic load leveling for constant ride height and ground clearance, whether you are driving alone or loaded up to the maximum. Additionally, there are five modes of operation.

### MULTIPLE MODES

Standard Mode provides all the automatic benefits of the system, optimizing comfort, handling and ride height. Highway Mode, which is engaged automatically at high speeds, lowers the Range Rover 0.79 inches (20 mm) for better aerodynamic efficiency. At lower speeds and when stopped, Access Mode can be selected to lower the vehicle 1.58 inches (40 mm) for easier entry and exit. This mode can also be selected when maneuvering in a parking garage with low ceilings.

Off-Road Mode can be selected to raise the vehicle 2.17 inches (55 mm) for greater ground clearance. There is also an automatic Extended Mode that can raise the vehicle even higher if the system detects possible “grounding” while off-road. And for supreme off-road axle articulation – a high degree of individual up-and-down wheel travel – the system’s terrain recognition software opens a cross-link valve. With the cross-link valve open, the action of one wheel directly affects its opposite. That is, when one wheel pushes up onto a berm, its opposite wheel will be pushed down to gain more traction. On-road, the cross-link valve remains closed,



allowing all the benefits of a fully independent suspension, including taut, precise suspension control.

With this highly advanced suspension system, Range Rover is engineered for the kind of global extremes that few vehicles ever see. Just think how well it will handle your day-to-day tasks. ■

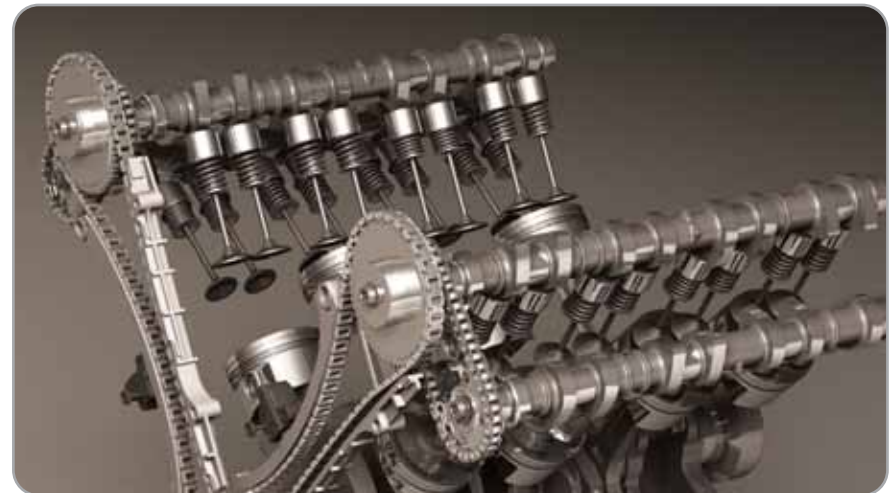
The smooth, inexorable flow of engine torque to all four wheels is a hallmark of the Range Rover driving experience. Here are the engineering details behind that performance.

**Developing new Range Rover engines** involves special considerations that might never occur to most other automakers. Of course, all the usual requisites of a world-class engine must be powerfully delivered—smooth, quiet acceleration; responsiveness and efficiency. Both the 305-horsepower, naturally aspirated, double-overhead-cam 4.4-liter V8 and the 400-horsepower, supercharged 4.2-liter V8 deliver these in force.

#### SPECIAL DUTY

Yet, because of the kind of duty that a Range Rover might see, these sophisticated engines have many additional engineering features that a typical engine must go without. To begin with, both engines have high-positioned air intakes and waterproof starters. The lubrication systems are specially sealed against water and dust intrusion, as well as optimized for extreme vehicle angles and gradients. Everything in the engine, from seals to pulleys, are strengthened and optimized for the rigors of global travel.

Even the accelerator is engineered for the diametrically opposed nature of the venues in which a Range Rover may travel. The throttle is electronic, and it is endowed with dual modes—it reacts quickly to accelerator pedal input in High Range for superb on-road response, yet in Low Range, it slows throttle response for precise control when negotiating off-road trails.



#### VARIABLE INTAKE

To ensure abundant low-end power, the naturally aspirated Range Rover utilizes continuously Variable Camshaft Phasing (VCP). VCP can advance or retard the intake valve timing in less than 0.7 seconds based on load, speed and other conditions. The result is copious torque at low engine speeds.



## EXPEDIENT

The 4.2-liter supercharged engine answers the low-end torque question in a different way. With a belt-driven compressor inserting pressurized air up to a maximum boost of 11.6 psi (0.8 bar), the engine can produce near-maximum torque across its entire range of operating speeds.

Mated to both Range Rover V8 engines is a robust, proven ZF electronically controlled six-speed automatic transmission. With six forward gear ratios, numerous computer “maps” to accommodate different driving situations, plus an electronically controlled two-speed transfer gearbox, this automatic transmission is a model of transparent technology.

## PRECISE SELECTION

Precisely selected gear ratios match the power and torque delivery of the Range Rover V8 to provide ever-ready performance. Your level of involvement with this advanced gearbox can range from simply selecting Drive and letting all the electronic and hydraulic wizardry do its work, to much more. For instance, you can select Sport mode while in High Range. This mode will hold the lower gears longer and downshift more readily for a sportier response. And for maximum control, you can engage the CommandShift™ transmission's Manual mode, which gives you full manual control of the gears in either High Range or Low Range.



The entire Range Rover drivetrain is engineered for authoritative control when you want it, or optimal convenience when that is what you desire. Effortless urban travel, exciting back-road driving plus precision off-road control – Range Rover responds to your command. ■

The ability to tackle any track or trail anywhere in the world – that is an enviable trait. To do so in style and comfort, and then handle any paved road with equal poise – that is a Range Rover.

**Range Rover's permanent four-wheel-drive system** is constantly working to make the most of whatever traction is available under each radial tire. Sound simple? It's anything but.

Consider the hardware. The engine's torque is channeled through the transmission and transfer gearbox, and is then distributed to the wheels and tires via three differentials – front, center and rear.

The center differential is noteworthy for having an electronically controlled, infinitely variable locking capacity. While this arrangement results in a normal front-to-rear torque split of 50/50, more than 90 percent of the engine's torque can be transferred to the front wheels...or to the rear wheels...as conditions require. It all happens automatically. The two-speed transfer gearbox is also a model of capability and civility. It can be switched from High Range to Low Range via an electronic toggle switch, turning six gears into 12. You can even shift from one range to the next while the vehicle is moving.

The ultimate combination of gear ratios in Low Range results in an exceptionally low "crawl" speed – less than 4 mph (6.3 km/h) at 1,000 rpm – practically walking speed. When conditions are most



extreme, the old Land Rover adage of "as slow as possible; as fast as necessary" certainly comes through.

## DYNAMIC CONTROLS

While the mechanical hardware is impressive, it's the electronics that make Range Rover so capable. One of the biggest contributions comes from the sophisticated four-wheel Electronic Traction Control (4ETC) system. 4ETC monitors the relative speed of each wheel, and if it detects a significant speed difference, the system goes to work. It can apply the brake on an individual wheel to send power to the wheels with more traction, or even reduce engine power to minimize wheelspin.

This system is totally automatic, providing enhanced traction in both High Range and Low Range, and it can help provide forward motion even if only one tire has traction.

Hill Descent Control (HDC) is designed specifically for those stomach-tightening slow-speed descents. Whether crawling down a snow-covered driveway or attempting a serious off-road descent, one need only engage HDC to help restrict vehicle speed to a slow, safe rate.\*

All of these electronic systems work "in the background." In most cases, you may not even be aware of them, except for the incredible traction and handling ability that your Range Rover possesses. The day you drive up a snow-covered hill or down a wet canyon road without slipping or skidding, you'll have all the evidence you need that these "transparent," seamlessly integrated systems are there and working for you. ■

\* HDC cannot regulate all the factors that influence vehicle control. Please practice safe driving techniques.





# THE LAND ROVER EXPERIENCE

Once you own a Range Rover, you may never see the world the same way again. Here are some of the special opportunities that await you.

## **Land Rover Wheels Events.**

Sponsored by your Land Rover Retailer, Wheels events better acquaint you with your vehicle's supreme capabilities. Events vary by location, but all involve taking owners off-road in their own vehicles. Some events have a special twist, such as incorporating an afternoon of fishing in a remote locale or watching a championship polo match.

## **Land Rover Experience Driving Schools.**

Breathtaking scenery, luxurious accommodations and hands-on instruction in all aspects of off-road driving – this is an experience like no other. Land Rover Experience Driving Schools provide personalized instruction on purpose-built courses, where the degree of difficulty is matched to your skills and desires. While all drivers are

welcome, owners of Land Rover vehicles will receive a special discount. There are Land Rover Experience Driving Schools at The Biltmore Estate in Asheville, N.C., and in Quebec, Canada, at Fairmont le Château Montebello. And as of Fall 2005, Quail Lodge in Carmel, California. For more information, visit [landroverusa.com/drivingschools](http://landroverusa.com/drivingschools).

**Land Rover Adventures.** These thrilling off-road expeditions let you test a Land Rover's capability in some of the most scenic – and challenging – off-road locations on earth, such as Moab, Utah. What makes an Adventure even more special is that at day's end you will retire to a luxury resort or an upscale rustic retreat. For more information, visit [landroverusa.com/adventures](http://landroverusa.com/adventures).



## **Land Rover Concierge.**

This 24-hour service can provide everything from booking reservations to purchasing gifts...or even scheduling a dog-sitter. Each concierge has local-city expertise and can even help you obtain information about off-road trails nearby. This service is complimentary for the length of the warranty, for the original owner.

## **Warranty & Complimentary Scheduled Maintenance.**

Every new Land Rover is covered by a 4-year/50,000-mile (80,000-km) New-Vehicle Limited Warranty. Furthermore, Range Rover owners enjoy Complimentary Scheduled Maintenance during the warranty period (see your Land Rover Retailer for details).

Designed exclusively for Land Rover vehicles, Genuine Vehicle Kit allows you to custom-suit your new Land Rover to your individual lifestyle.

# LAND ROVER VEHICLE KIT



**Genuine Land Rover Vehicle Kit is a premier collection** of specialized accessories, designed and constructed to the same high standards as the vehicles themselves.

With everything from ski and snowboard carriers to wraparound brush bars and lamp guards to 20-inch wheels, Vehicle Kit offers you a wide range of accessories to personalize your Range Rover. Backed by the same limited warranty as Land Rover vehicles\*, Genuine Vehicle Kit has been rigorously tested under a wide range of conditions to help ensure flawless fit and function, both on- and off-road. In fact, specific Vehicle Kit items have even been tested to ensure compliance with airbag SRS deployment.

For more information about the complete line of Land Rover Vehicle Kit, available exclusively from authorized Land Rover Retailers, speak with your Sales Guide. He or she will be happy to assist you in outfitting your Range Rover to meet your needs.

Chrome mirror kit and chrome power vents (delayed availability) and DVD entertainment system shown.

\* If purchased at time of new-vehicle delivery. Items that require installation must be installed by a Land Rover Retailer at time of delivery. Land Rover Vehicle Kit acquired after new-vehicle delivery carries a one-year warranty. See your Land Rover Retailer for complete details.

# SPECIFICATIONS & FEATURES



## MINIMUM GROUND CLEARANCE

10.8 in. (275 mm) in Off-Road Mode.  
8.9 in. (225 mm) in Standard Mode.



## MAXIMUM GRADIENTS

<b>Angle of approach</b>	<b>Angle of departure</b>	<b>Ramp breakover angle</b>
34 degrees*	26.6 degrees*	30 degrees (excluded angle)*

\* In Off-Road Mode.



## MAXIMUM LOADSPACE WIDTH

**Volume, rear seat folded :**  
73.9 cu. ft. (2.09 m<sup>3</sup>)

## BODY/CHASSIS CONSTRUCTION

- Monocoque integrated body/chassis with three steel subframes.
- Front fenders, hood and doors are aluminum alloy. The rest of the body is double-sided zinc-coated steel.

## ENGINES

**Type/Construction**  
**Valvetrain**

90-degree V8. Aluminum-alloy cylinder heads and block.  
Chain-driven double overhead camshafts, four valves per cylinder. Variable Camshaft Phasing (VCP) for naturally aspirated engine.

**Fuel management**  
**Ignition**  
**Fuel requirements**  
**Fuel tank**

Sequential multi-port fuel injection.  
Distributorless ignition system.  
Premium unleaded.  
27.6 U.S. gallons (104.5 liters)

**Displacement**

### HSE

4.4 liters  
(268 cu. in./4394 cu. cm)  
3.47 x 3.56 in. (88.0 x 90.3 mm)  
10.5:1  
Naturally aspirated

### SUPERCHARGED

4.2 liters  
(256 cu. in./4197 cu. cm)  
3.39 x 3.56 in. (86.0 x 90.3 mm)  
9.1:1  
Eaton Rootes-type supercharger with 11.6 psi (0.8 bar) max. boost  
400 bhp @ 5,750 rpm  
420 lb-ft @ 3,500 rpm  
6,500 rpm

**Bore x stroke**  
**Compression ratio**  
**Induction system**

**Horsepower @ rpm**  
**Torque @ rpm**  
**Redline**

305 bhp @ 5,750 rpm  
325 lb-ft @ 4,000 rpm  
6,100 rpm

## DRIVETRAIN

**Drive system**

Permanent four-wheel drive with four-wheel Electronic Traction Control (4ETC).  
ZF HP26 six-speed electronically controlled automatic transmission. Locking torque converter. Normal, Sport and Manual (CommandShift™) shift modes.

**Transmission**

## Transfer gearbox

Two-speed electronic transfer gearbox. Shift-on-the-move capability. Electronically controlled, infinitely variable locking center differential.

## Transfer ratios

## Transmission gear ratios

High: 1.00:1	Low: 2.93:1	
1st - 4.17:1	2nd - 2.34:1	3rd - 1.52:1
4th - 1.14:1	5th - 0.87:1	6th - 0.69:1
Reverse - 3.40:1		
3.73:1		

## Final-drive ratio

## SUSPENSION

Enhanced Electronic Air Suspension (EAS) with automatic load-leveling and multiple Modes: Access, Highway, Standard, Off-Road and Extended. Terrain-sensing software and cross-link valving for improved off-road performance.

### Front

MacPherson struts with double lower control arms. Long-travel variable-rate air springs, computer-controlled. Gas-filled shock absorbers. Sway bar. 8.0 inches (203 mm) of vertical wheel travel.

### Rear

Double-wishbone suspension. Long-travel variable-rate air springs, computer-controlled with cross-link valving. Gas-filled shock absorbers. Vertical wheel travel: 12.2 inches (310 mm) in HSE, 11.5 inches (292 mm) in Supercharged.

## WHEELS & TIRES

**Wheels**  
**Tire size**

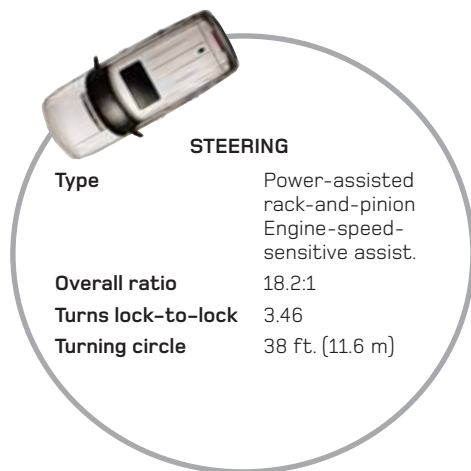
### HSE

19 x 8.0-inch aluminum alloy.  
255/55HR19  
mud+snow radials.  
Full-size spare alloy wheel and tire.

### SUPERCHARGED

20 x 8.5-inch aluminum alloy.  
255/50HR20  
mud+snow radials.  
Full-size spare alloy wheel and tire.

**Spare**



**OVERALL BODY HEIGHT**  
74.9 in. (6 ft. 2.9 in./1902 mm)\*\*



**TRACK, FRONT**  
64.1 in. (1629 mm)

**OVERALL WIDTH**  
77.0 in. (1956 mm) body width  
86.3 in. (2192 mm) with mirrors



**TRACK, REAR**  
64.0 in. (1626 mm)



**WHEELBASE**  
113.4 in. (2880 mm)



**OVERALL BODY LENGTH**  
195.0 in. (4950 mm)

\*\* In Standard Mode.

## BRAKES

- Power-assisted four-wheel ventilated disc brakes. Brembo front brakes on Supercharged.
- Four-channel, all-terrain Anti-lock Braking System (ABS).
- Electronic Brakeforce Distribution (EBD).
- Emergency Brake Assist (EBA).
- Dynamic systems include: All-terrain Dynamic Stability Control (DSC), Cornering Brake Control (CBC) and Hill Descent Control (HDC).
- Parking brake: 8.26-in. (210 mm) internal rear drums.

**Brake rotor diameter, front/rear**  
HSE 13.54/13.94 in.  
(344/354 mm)

**SUPERCHARGED**  
14.17/13.94 in.  
(360/354 mm)

## INTERIOR DIMENSIONS

**Seating capacity** Five  
**Head room, front/rear** 40.2/38.3 in. (1021/974 mm)  
**Leg room, front/rear** 38.9/35.5 in. (988/902 mm)  
**Elbow room, front/rear** 61.9/60.9 in. (1571/1547 mm)  
**Shoulder room, front/rear** 61.4/60.0 in. (1559/1524 mm)

## Cargo capacities

- Max. cargo area height 39.3 in. (997 mm)
- Length, rear seat up 42.3 in. (1074 mm)
- Length, rear seat folded 62.5 in. (1587 mm)
- Width between wheel housings 41.3 in. (1050 mm)
- Volume, rear seat up 34.5 cu. ft. (.98 m³)
- Volume, rear seat folded 73.9 cu. ft. (2.09 m³)

## PAYLOAD & TOWING CAPACITY

**Curb weight** 5,474 - 5,778 lb. (2483 - 2621 kg) HSE  
5,637 - 5,849 lb. (2556 - 2653 kg) Supercharged

**Gross Vehicle Weight Rating (GVWR)** 6,834 lb. (3100 kg)  
**Maximum payload** 985 - 1,360 lb. (447 - 617 kg)  
**Maximum trailer weight** 7,700 lb. (3500 kg)  
**Maximum unbraked trailer weight** 1,650 lb. (750 kg)  
**Maximum tongue weight** 550 lb. (250 kg)

## PERFORMANCE DIMENSIONS

	HSE	SUPERCHARGED
<b>0-60 mph acceleration</b>	8.3 sec.	7.1 sec.
<b>0-100 km/h acceleration</b>	8.7 sec.	7.3 sec.
<b>Top speed</b>	124 mph (200 km/h)	131 mph (210 km/h)
<b>Coefficient of drag</b>	0.39	0.39



# RANGE ROVER FEATURES

## SAFETY & SECURITY FEATURES

- Eight-airbag Supplemental Restraint System (SRS)\*: Driver and dual-threshold front-passenger airbag SRS, side airbags SRS for front seating positions, and head-protection airbags SRS for both front and rear outboard seating positions.
- Driver and front-passenger knee bolsters.
- Front crumple zones.
- Side-door impact beams in the front and rear doors.
- Collapsible steering column.
- Collision-activated inertia switch (unlocks doors, turns off fuel pump, turns on hazard lights).
- Laminated exterior glass.
- Heated front windshield and rear window. Heated windshield-washer jets.
- LED center high-mount stoplight.
- Four-channel, all-terrain anti-lock disc brakes.
- Bi-Xenon automatic headlights with power washers.
- Front and rear fog lights.
- Deep-tinted glass (aft of the "B" pillar), including sunroof.
- Dual electrically adjustable and power folding heated exterior mirrors. Programmable, automatic dipping of passenger-side mirror in Reverse.
- Front and rear three-point safety belts and head restraints for all five occupants. Pre-tensioning front safety belts.
- Height-adjustable safety belt anchors and adjustable head restraints for all outboard seating positions.
- Vehicle security system with keyless entry.
- Central locking system.
- Child locks for rear doors and power windows.
- LATCH (Lower Anchor and Tether for Children) system for child seat attachment. Child seat tether anchors.
- Automatic-dimming inside rearview mirror.
- Dual-blade sun visors.
- Automatic rearview camera.
- Tire Pressure Monitoring System.

## COMFORT & CONVENIENCE FEATURES

- Color, touch-screen, DVD-based off-road-enhanced GPS navigation system.
- Automatic, variable-speed, rain-sensing windshield wipers.
- Rear-window washer and intermittent wiper.
- Fuel filler-door indicator.
- Integral Class III trailer tow-hitch receiver.
- Front and rear Park Distance Control (PDC).
- Horizontally split tailgate.
- Split 60/40 folding rear seat.
- Foldable and removable rear loadspace cover.
- American cherry trim on center console, fascia and doors, standard in HSE. Optional burl walnut in HSE only. Standard Grand Black wood trim in Supercharged.
- Blenheim leather seat facings and trim details.
- Reclining, ergonomically designed, 12-way power adjustable driver's seat and 10-way power adjustable front-passenger seat. Dual folding front armrests.
- Three-driver memory for driver's seat, steering column and exterior mirrors.
- Power tilt-and-telescopic steering wheel with automatic tilt-away, for easy ingress/egress.
- Leather-wrapped steering wheel with multi-function controls.
- Electronic cruise control with steering-wheel-mounted controls.
- Full instrumentation, including tachometer and analog clock. Comprehensive message center and trip computer. 4x4 Driver Information System.
- Triple-zone (left-front, right-front, rear) automatic climate control with pollen filter. CFC-free air conditioning. Programmed defrost.
- Outside-temperature display.
- One-touch "open/close" power sunroof. Anti-trap function.
- Power windows with backlit controls and one-touch "up" and "down" feature on all windows. Anti-trap function.
- "Time out" feature (retained accessory power) for power windows and sunroof.
- Central locking of side doors, rear tailgate and fuel-filler door. Remote activated.
- Remote- and key-activated "Convenience Close" for windows and sunroof (closes all with one action).
- HomeLink® system for garage doors and security gates.
- Five cupholders.
- Center console storage bin, overhead sunglasses holder, full-size glovebox, front- and rear-door map pockets, front seatback storage pockets.
- Personal Telephone Integration System with Bluetooth® capability.

### AUDIO SYSTEM

- 710-watt harman/kardon LOGIC7 digital surround-sound AM/FM-stereo/cassette audio with 14 speaker-transducers, Radio Data System (RDS), automatic Digital Signal Processing (DSP) and speed-sensitive volume control.
- Six-disc CD auto-changer in glovebox.
- Dual, glass-mounted diversity antenna system.
- Steering-wheel-mounted audio controls.

### STANDARD EQUIPMENT: CANADIAN MODELS ONLY

- Daytime running lights.
- Heated Accessories Package.

### OPTIONS

- **Heated Accessories Package**, including heated front and rear seats and heated steering-wheel rim. Optional in HSE. Standard in Supercharged. Standard in Canada.
- **Luxury Interior Package**. Includes Contour front seats with 16-way power adjustable driver's seat and front-passenger seat. Windsor leather on seat facings, door pulls and center console lid, and Cambridge leather on upper dashboard. Removable luggage net, auto-dimming exterior mirrors Adaptive Front-Lighting System and ski hatch/bag integrated into center rear armrest.<sup>1</sup> Also includes all elements of the Heated Accessories Package. Optional in HSE. Standard in Supercharged.
- **Burled walnut wood trim** (replaces American cherry). Optional in HSE only.
- **DVD Rear Seat Entertainment System** with dual video display screens and wireless headphones. Optional in both HSE and Supercharged.

### WARRANTIES & SCHEDULED MAINTENANCE

- 4-year/50,000-mile (80,000-km) New-Vehicle Limited Warranty.\*\*
- 6-year/unlimited-mileage Corrosion Perforation Limited Warranty.\*\*
- Complimentary Scheduled Maintenance.\*\*
- Land Rover 24-hour Roadside Assistance.\*\*

Range Rover is classified as a multipurpose vehicle with a GVWR over 6,000 lb. (2722 kg). All information, specifications and illustrations contained herein are based on the latest product information available at time of publication. Land Rover North America and Land Rover Canada reserve the right to make changes at any time, without notice, to colors, materials, equipment, specifications and models, and are not responsible for typographical errors. Such changes may affect vehicle pricing and vehicle content. Not all models of Land Rover products are available in every market. Consult your Land Rover Retailer for advice on correct specifications. Equipment on Canadian models may vary. HomeLink\* is a registered trademark of Johnson Controls. harman/kardon\* and LOGIC7 are registered trademarks of Harman International. Brembo\* is a registered trademark of the Brembo Group.

\* Please remember that the safety belts in Range Rover constitute the primary protection system for driver and passengers in collisions. The airbag Supplemental Restraint System (SRS) is a supplement to the safety belts. Although airbags provide additional protection, airbags alone are not sufficient. Always wear your safety belts. Children younger than 12 years old should always be properly restrained in a back seat, away from airbags. Never place a rear-facing infant seat in the front seat.

\*\* Ask your Land Rover Retailer for details.



Note: Some vehicles shown in this brochure have optional equipment, and some are European specification. North American specification vehicles may vary.

# THE RANGE ROVER FOR 2006

	HSE	SUPERCHARGED
19-inch seven-spoke alloy wheels with 255/55HR19 radial tires	<b>Std.</b>	N/A
20-inch alloy nine-spoke wheels with 255/50HR20 radial tires	N/A	<b>Std.</b>
20-inch alloy seven-spoke wheels with 255/50HR20 radial tires	Opt.	N/A
DVD Rear Seat Entertainment System	Opt.	Opt.
Adaptive Front-Lighting System <sup>1</sup>	Opt.	<b>Std.</b>
American cherry interior wood trim	<b>Std.</b>	<b>Std.</b> <sup>2</sup>
Burled walnut interior wood trim	Opt.	<b>Std.</b> <sup>2</sup>
Grand Black interior wood trim	N/A	<b>Std.</b> <sup>2</sup>
Color, touch-screen DVD-based GPS navigation system and 4x4 Information Center	<b>Std.</b>	<b>Std.</b>
Personal Telephone Integration System with Bluetooth™	<b>Std.</b>	<b>Std.</b>
Multifunction trip computer	<b>Std.</b>	<b>Std.</b>
<b>Heated Accessories Package</b>	<b>Std.</b>	<b>Std.</b>
Includes heated front and rear seats, heated steering-wheel rim		
<b>Luxury Interior Package</b>	Opt.	<b>Std.</b>
Includes Contour front seats with 16-way power adjustable front seats. Windsor leather on seat facings, door pulls and center console lid, and Cambridge leather on upper dashboard. Also includes removable luggage net, auto-dimming exterior mirrors, Adaptive Front-Lighting System, ski/hatch bag and all elements of the Heated Accessories Package		



19-INCH STANDARD  
HSE WHEEL



20-INCH STANDARD  
SUPERCHARGED WHEEL



20-INCH OPTIONAL  
HSE WHEEL

1. Part of Luxury Interior Package. 2. One of three standard interior wood trims available on Supercharged. See Retailer for details.

# EXTERIOR & INTERIOR COLOR MATRIX

## HSE/SUPERCHARGED\*

EXTERIOR FINISH	SEATING/PIPING	CARPET	WOOD TRIM
Java Black	Charcoal/Jet Charcoal/Jet Sand/Jet	Jet Jet Jet	American cherry Burled walnut Burled walnut
Giverny Green	Ivory/Aspen <i>Aspen/Ivory</i>	Aspen <i>Aspen</i>	American cherry <i>American cherry*</i>
Zermatt Silver**	Charcoal/Jet Parchment/Navy Parchment/Navy <i>Navy/Parchment</i> <i>Navy/Parchment</i>	Jet Navy Navy <i>Navy</i> <i>Navy</i>	Burled walnut Burled walnut American cherry <i>Burled walnut*</i> <i>American cherry*</i>
Chawton White	Sand/Jet Charcoal/Jet	Sand Jet	Burled walnut Burled walnut
Buckingham Blue	Parchment/Navy <i>Navy/Parchment</i> Sand/Jet	Navy <i>Navy</i> Sand	American cherry <i>American cherry*</i> Burled walnut
Atacama Sand**	Charcoal/Jet Sand/Jet	Jet Sand	Burled walnut Burled walnut
Tonga Green	Ivory/Aspen <i>Aspen/Ivory</i> Sand/Jet	Aspen <i>Aspen</i> Sand	American cherry <i>American cherry*</i> Burled walnut
Rimini Red**	Charcoal/Jet Sand/Jet	Jet Sand	Burled walnut Burled walnut
Bonatti Grey	Charcoal/Jet Sand/Jet	Jet Sand	Burled walnut Burled walnut

\* Combinations that are unique to the Luxury Interior Package are denoted by italics and asterisks. Supercharged models are available in all color and trim combinations, and come standard with Luxury-Interior-Package seating.

\*\* These exterior colors were introduced in late 2005 to replace previously existing colors. See your Land Rover Retailer for more details.

## EXCLUSIVE TO SUPERCHARGED

EXTERIOR FINISH	SEATING/PIPING	CARPET	WOOD TRIM
All exterior colors above	Ivory/Jet Jet/Jet	Jet Jet	Grand Black, burled walnut or American cherry Grand Black, burled walnut or American cherry





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