# THE RANGE ROVER







#### Introduction

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The pinnacle of luxury, capability and performance.
Unrivalled in refinement and reputation

# The Range Rover Supercharged

The supreme expression of Land Rover's most complete all terrain vehicle

# On-road and off-road

Effortless on-road, legendary off-road, driving aids and the command driving position

## Safety

Smart technology, safety technology

#### Interiors

Land Rover's ultimate expression of refinement and luxury

# Specifications and choices

Models, engines, wheels, exterior and interior colors and materials.

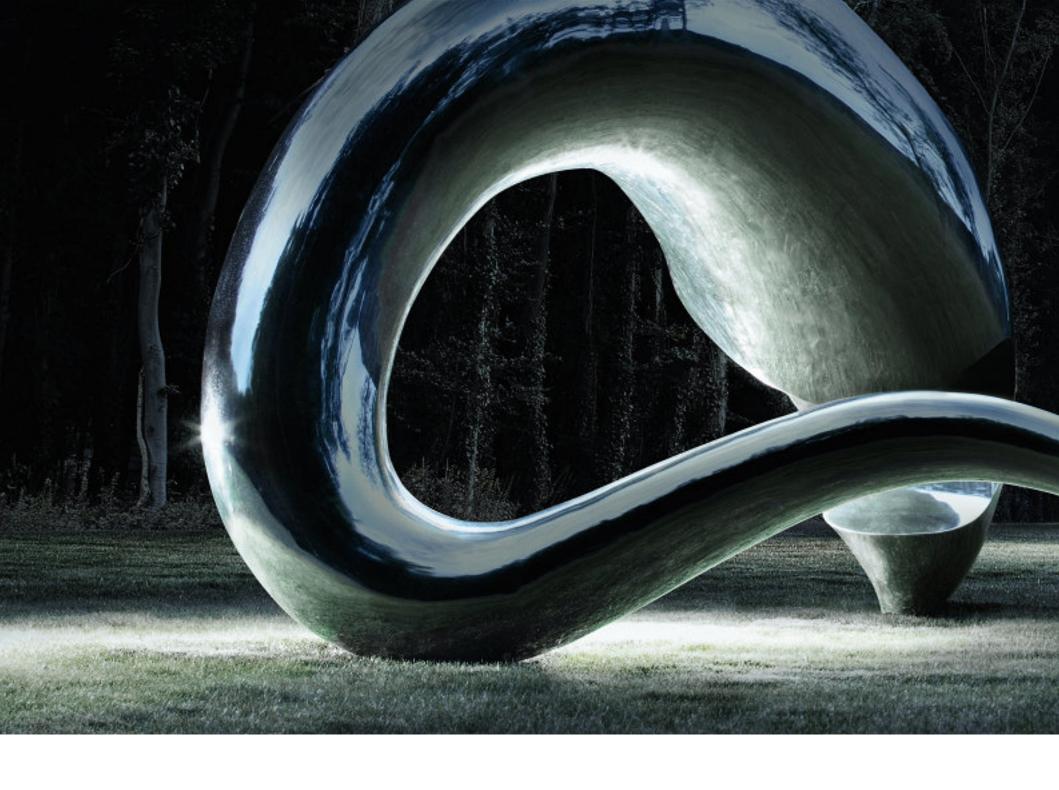
Autobiography and Accessories

# Sustainability

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There is nothing on earth to compare with The Range Rover. With its legendary command driving position providing a clearer, all-round view, the driver is perfectly placed to interact with the vehicle and the surrounding environment. In its interior, The Range Rover's individuality is expressed through a luxurious selection of trim finishes affording those inside a powerful expression of confidence and elegance. With The Range Rover luxury has no limits. The Range Rover is a vehicle that displays accomplished capability and sophistication. The most luxurious, most capable Land Rover. Featuring a V8 engine, air suspension, six-speed automatic transmission with CommandShift®. Demonstrating supreme off-road ability and sublime on-road handling, courtesy of Land Rover's unique Terrain Response® — The Range Rover succeeds in making the most demanding appear effortless.











The Range Rover Supercharged. The supreme expression of Land Rover's most complete luxury all-terrain vehicle. A supercharged V8 engine makes this the most powerful Range Rover ever made. It offers 400 horsepower and an astonishing 420 pound feet of torque to deliver immediate, supple acceleration. Standard on The Range Rover Supercharged are a diamond mesh front grille and side power vents, to maximize airflow. Special 20 inch alloy wheels, chrome tail pipes and distinctive black and silver Land Rover badging affirm the high performance credentials of The Range Rover Supercharged at a glance. There is also stainless steel detailing on brake and accelerator pedals.







Effortless control on-road. Every Range Rover has V8 power, a six-speed automatic transmission with CommandShift® and air suspension. The acclaimed interlinked electronic air suspension is standard across the range, providing The Range Rover with an enormous breadth of capability and comfort. It has height settings for extreme off-road use and an access mode for easier entry and exit. The suspension copes effortlessly with a wide range of vehicle loads and its self-levelling feature gives outstanding handling and vehicle composure, thereby providing superb ride comfort. Dynamic Stability Control (DSC) provides enhanced handling when accelerating or cornering and includes compensation for trailers. It constantly monitors key indicators and applies the ABS (Anti-lock Braking System) selectively to individual wheels to help correct any tendency toward deviation from the chosen line.











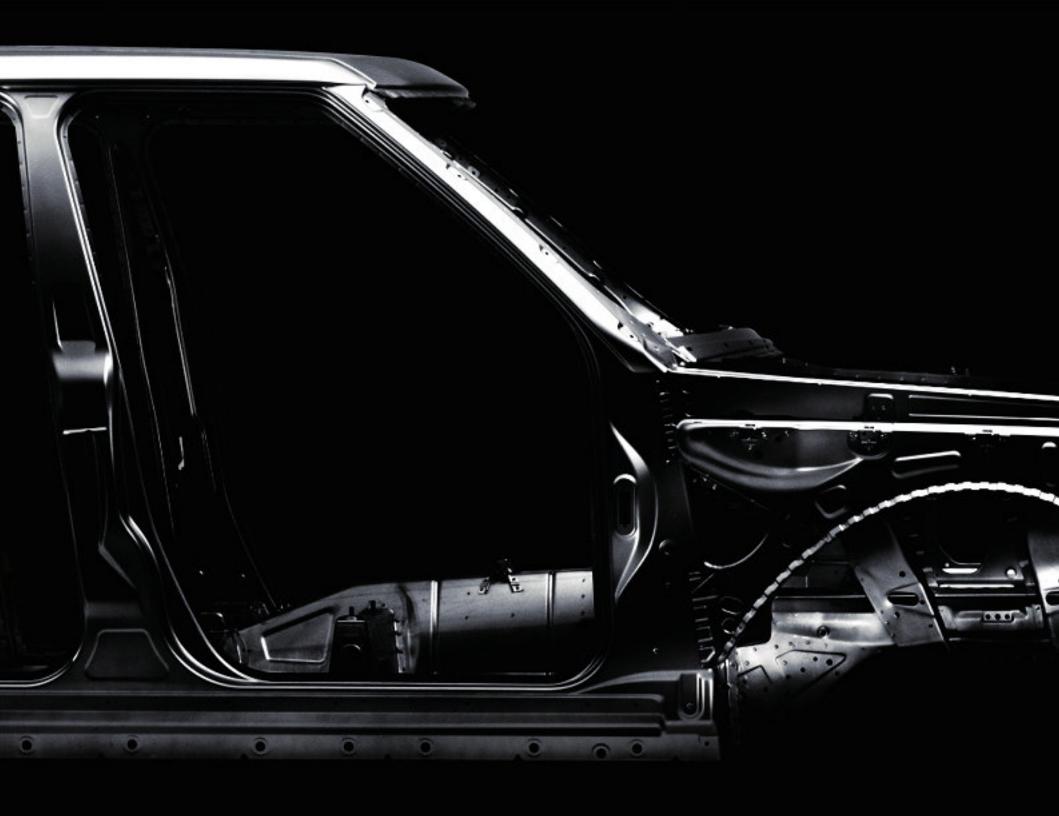


The Range Rover Driver Information Center is conveyed through the color GPS Navigation Touch-screen on the dashboard. It provides an overview of the vehicle's powertrain and chassis settings to help the driver understand exactly what is happening in difficult driving conditions. It supplies real-time graphical indications of gear selection, the vertical travel of each wheel and the direction of the front wheels. Detailed information on the Terrain Response® settings is also available.

To meet the demands of Supercharged performance, Brembo® brakes (larger front discs with 4-piston calipers) are standard on these derivatives.

Along with The Range Rover command driving position giving a clearer all-round view, the Bi-Xenon Adaptive Front Lighting System helps night-time driving become more effortless. Standard on Supercharged models and optional as part of the Luxury Package on HSE models this system varies the headlamps light cast onto the road according to the direction and speed of the vehicle. Headlights follow the curve of the road with additional cornering lights providing further illumination when turning.







Safety is inherent in the design, construction and systems of The Range Rover. The strength of The Range Rover's body and chassis, required to support its legendary off-road and towing abilities, also provides for a very strong passenger cell that helps protect its occupants in an accident. This inherent strength is complemented with nine airbags (including a driver's knee airbag), special bolsters in the new front door trims and lower glovebox lid as well as high strength steel beams in each of the doors. In the area of active safety (features designed to help prevent accidents), the technology required for excellent off-road performance again has a major role to play. For example, the all-wheel drive systems developed to enable The Range Rover to creep down slippery hills also assist in helping to maintain control on icy roads, seeking out all available traction and helping to keep the car going in the intended direction. Vehicle systems have also been designed to predict when a roll-over is likely and to apply brake-force on the appropriate wheel to help reduce the likelihood of a roll.





From the legendary Range Rover command driving position the driver is perfectly placed to interact with the vehicle and the surrounding environment. This brings a sense of control and reduces stress and fatigue. All controls are easy-to-reach with the gear lever positioned to be close to hand. At the heart of The Range Rover's dashboard is the high resolution Touch-screen, an intuitive interface between driver and key functions of the vehicle. Homelink® is an integrated remote control system for garage doors, security gates and lights. Getting in and out can be made even easier with accessory power side steps, which complement the air suspension access mode.

First-class entertainment. The Range Rover houses a superb harman/kardon® sound system. A six-disc changer compatible with CDs and discs with MP3 files, featuring Digital Signal Processing (DSP) is standard on The Range Rover. This premium system delivers 710 Watts of power to 14 speakers and brings LOGIC7® world-class audiophile quality to passengers wherever they are seated in the vehicle. With this system there is also a Rear Seat Entertainment option with a six-disc DVD changer, headrest-mounted 6.5 inch twin screens and wireless headphones. In keeping with its ability to roam almost anywhere on the planet, The Range Rovers' easy-to-use DVD-based satellite navigation system can be operated manually or by voice control. Voice, map and text instructions give a guide to the destination with both estimated time of arrival and distance remaining being displayed on screen. The system can re-route as an immediate reaction to traffic conditions and will even display nearby gas stations when fuel runs low. Off-road navigation is also a useful feature, showing the contours of the terrain and providing the ability to mark way points in the memory.

Homelink® is a registered trademark of Johnson Control, Inc. **harman/kardon®** and LOGIC7® are registered trademarks of Harman International Industries Incorporated.









With its masterful design, The Range Rover's interior attains a pinnacle of luxury and elegance. Real wood and leather combine to deliver an environment that is the supreme expression of taste, providing a tailor-made feel that is without equal.









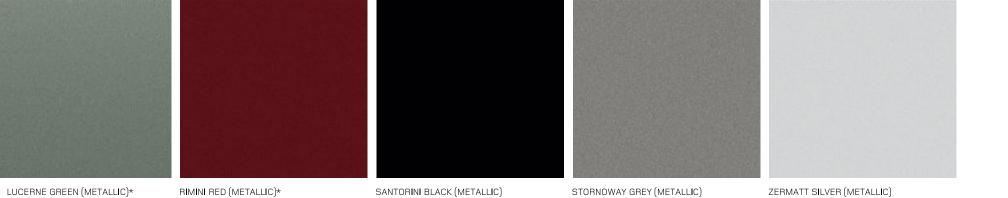


EXTERIOR COLOR CHOICES

## INTERIOR COLOR CHOICES



 $<sup>\</sup>mbox{*Available}$  from extended paint pallette as no cost option.





†Exclusive to Supercharged models including Autobiography Package

# **COLOR AND TRIM MATRIX**

COLOR COMBINATIONS (DASHBOARD/CONSOLE)	JET/JET	JET/IVORY	ASPEN/IVORY	JET/STORM	NAVY/P	ARCHMENT	JET/SAND
SEAT COLOR	JET	IVORY	IVORY	STORM	NAVY	PARCHMENT	SAND
CARPET	JET	JET	ASPEN	JET	NAVY	NAVY	SAND
EXTERIOR COLOR							
Alaska White	•	•	_	-		-	-
Bournville	0		-	-	-	-	-
Buckingham Blue	-		_	-		•	
Santorini Black	•	•	_		-	-	•
Stornoway Grey	•		-		-	-	
Zermatt Silver	•		_			•	_
EXTENDED GLOBAL PAINT PALETTE: AVAILABLE FOR CL	JSTOMER ORDERING	AT NO ADDITIONAL CH	HARGE AND MAY NOT E	E STOCKED BY RETAII	_ER		
Atacama Sand			-		_	-	
Galway Green	-	-		-	=	-	
Lucerne Green	-	-		-	-	-	
Rimini Red			_		-	-	

COLOR COMBINATIONS (DASHBOARD/CONSOLE)	JET/JET	JET/IVORY	ASPEN/IVORY	JET/STORM	NAVY/PARCHMENT		JET/SAND
SEAT COLOR	JET	IVORY	IVORY	STORM	NAVY	PARCHMENT	SAND
CARPET	JET	JET	ASPEN	JET	NAVY	NAVY	SAND
TRIM MATERIAL							
Blenheim Leather*		_			_		
Oxford Leather**		0					
Semi Aniline Leather***		0			0		
WOOD VENEER FINISHER							
Burr Walnut	•			•			•
Cherry Wood	0	•	•	-	•	•	
Grand Black Lacquer <sup>†</sup>	•				-	-	-

<sup>\*</sup>Exclusive to HSE models without Luxury Package

■ Combination is Designer's Choice □ Combination is Available — Combination is Not Available

<sup>\*\*</sup>Exclusive to HSE models with Luxury Package and Supercharged models

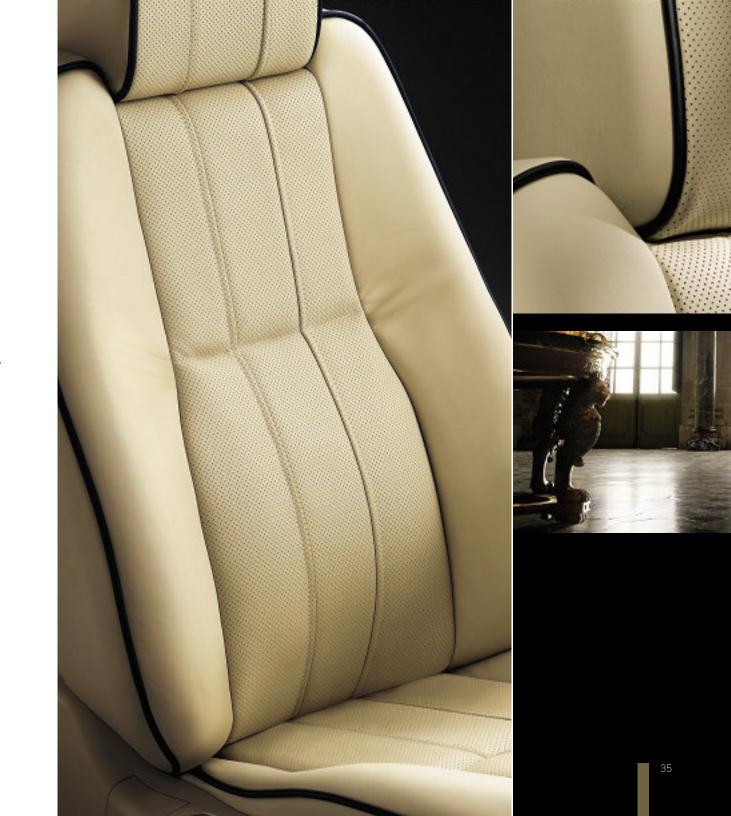
<sup>\*\*\*</sup>Exclusive to Autobiography Package

<sup>&</sup>lt;sup>†</sup>Exclusive to Supercharged models including Autobiography Package



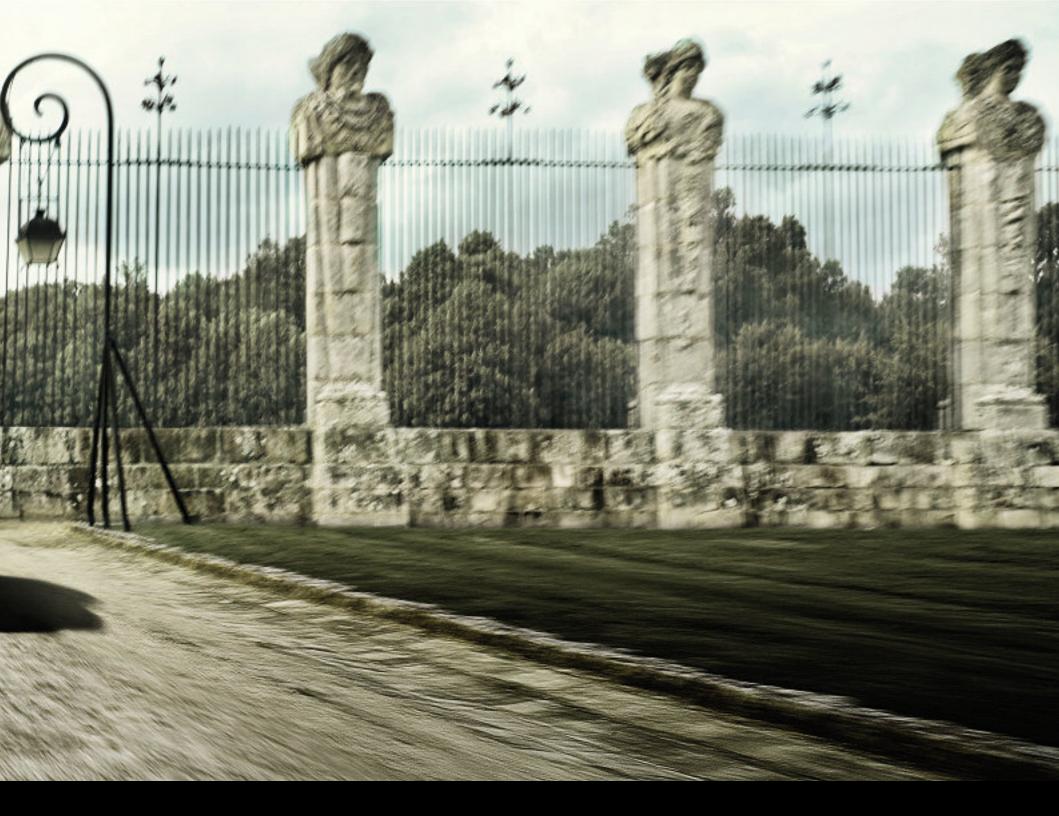


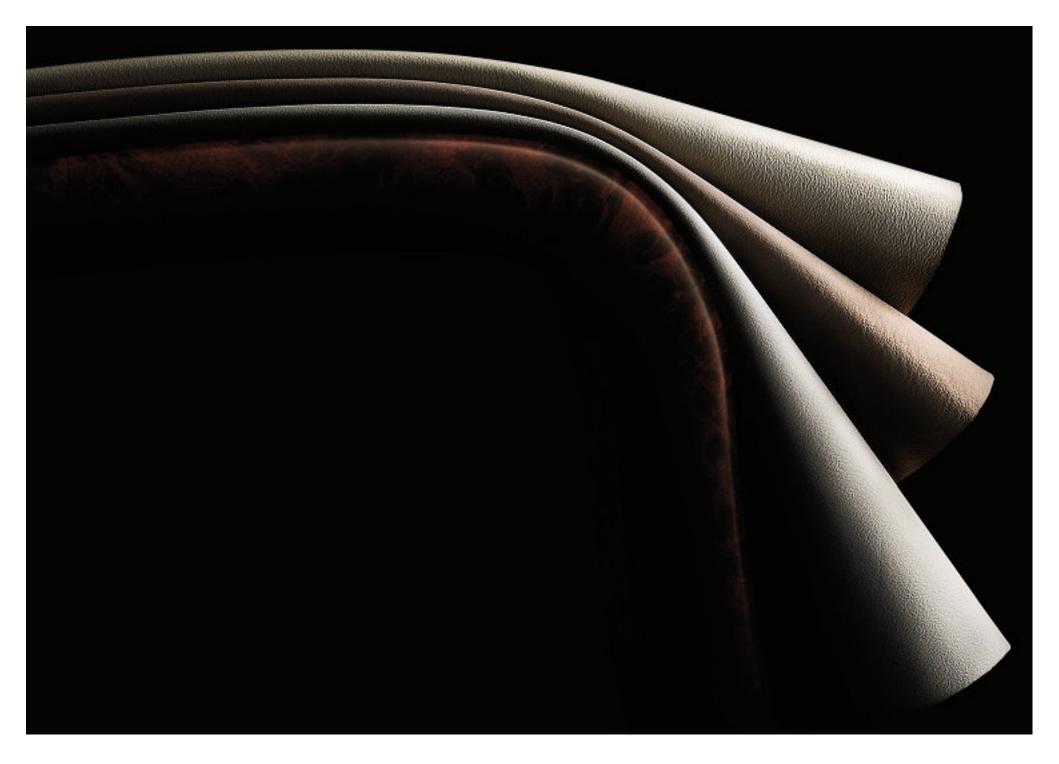




**Product line up:** All Range Rovers have leather interiors, which are available in Blenheim, Oxford or semi-aniline Autobiography leather.











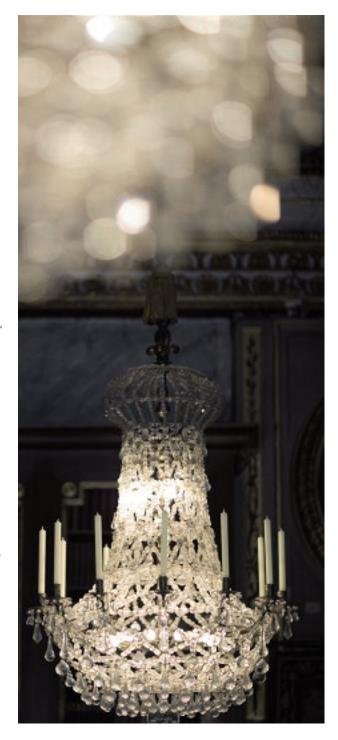






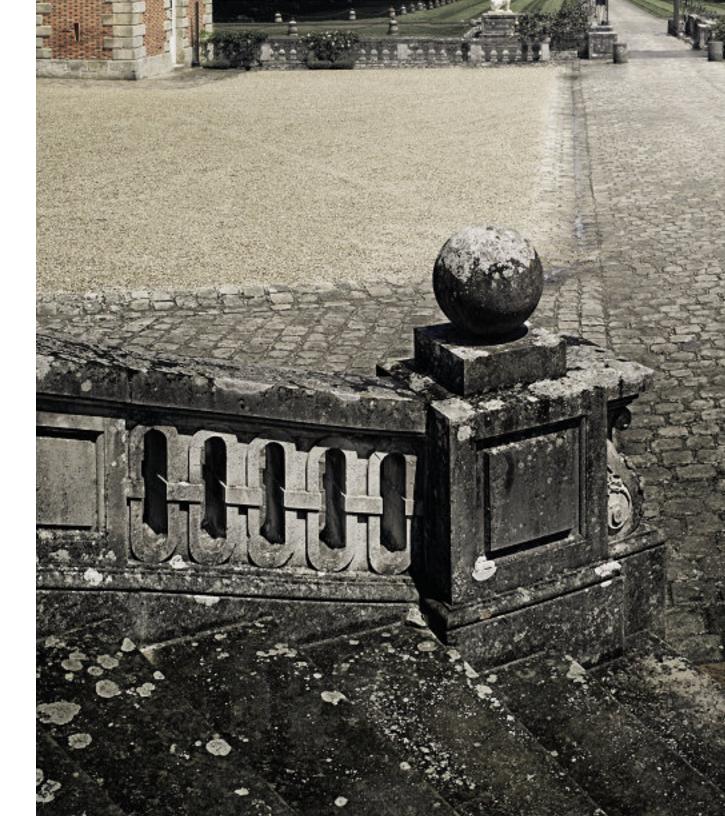
From left:
Grand Black Lacquer console end
section, Jet semi-aniline leather seat,
4-Zone air conditioning.

Autobiography is the definitive demonstration of luxury for The Range Rover. It represents a unique combination of taste and style and is an opportunity to enhance the individuality of your vehicle. Now featured, for example, is semi-aniline Autobiography leather. By choosing the finest hides and applying the minimum amount of treatment, the very softest grade leather is achieved. What's more, the leather's grain remains in evidence, giving each seat its own distinctiveness. Covering the entire front and back of the seat, semi-aniline Autobiography leather also has the advantage of mellowing over time in keeping with the character of a natural product. Adding still further to the appearance and comfort of the interior is a full leather dashboard, glove box lids, the area around the center vents and behind the steering wheel. Even the driver's knee airbag cover is full leather. For a truly luxurious finish there are full leather door casings, front and rear. Autobiography is luxury that is without equal.



The Range Rover offers a unique range of accessories, a selection of which is illustrated here. Technological excellence and innovative design have been combined to create this series of smart and practical vehicle enhancements. From exterior styling and interior technology to carrying and towing, The Range Rover can be enhanced to make the most of any journey. Please ask your Land Rover Retailer for a copy of the comprehensive accessories brochure which contains the complete accessory line-up.









20 INCH TWIN 7-SPOKE ALLOYS 'STYLE 10' STANDARD AUTOBIOGRAPHY WHEEL – 255/50 R20



20 INCH 9-SPOKE ALLOYS 'STYLE 6' STANDARD HSE LUX WHEEL – 255/50 R20



19 INCH TWIN 7-SPOKE ALLOYS 'STYLE 8' STANDARD HSE WHEEL – 255/55 R19



20 INCH V SPOKE ALLOYS 'STYLE 9' STANDARD SUPERCHARGED WHEEL – 255/50 R20



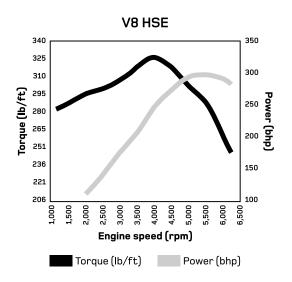
20 INCH POLISHED 10-SPOKE ALLOYS\* 'STYLE 7' OPTIONAL WHEEL AUTOBIOGRAPHY AND SUPERCHARGED – 255/50 R20

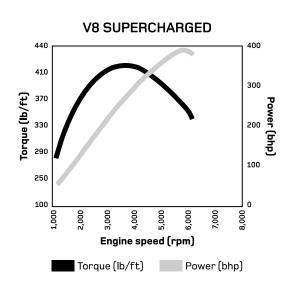
PLEASE NOTE: When choosing vehicles fitted with specific wheel and tire combinations or optional wheels and tires, your intended use of the vehicle should be considered. Wheels with larger diameters and lower profiles may offer certain styling or driving benefits, but may be more vulnerable to damage, please discuss your requirements with a Retailer when selecting your vehicle and specification. \*Subject to market availability, please consult your Retailer for further information.



## **TECHNICAL SPECIFICATION**

The Supercharged 4.2 liter V8 engine, produces 400 horsepower and 420 pound-feet of torque. Both Range Rover engines have 32 valves and are coupled to a six-speed automatic transmission with CommandShift®.





#### **ENGINE**

Type

Max Power (SAE)
Max Torque

**Engine Data** 

V8 HSE

305bhp @ 5,750rpm 325 lb/ft @ 4,000rpm

High compression V8. Aluminum construction of engine block and cylinder head with a structural sump and oil pick-up designed to enable operation at extreme angles. 32 Valve with quad, variable phased camshafts. Torque based engine management system, mapped for both on and off-road driving speeds.

Drive by Wire throttle control and multi-holed fuel injectors. Premium unleaded fuel only. Bore 3.47 inches (88mm). Stroke 3.56 inches (90.3mm). Displacement 4.4 liters (268 cu.in/4,394 cu.cm). Compression ratio 10.5:1.

Type

Max Power (SAE)
Max Torque

Engine Data

V8 SUPERCHARGED

400bhp @ 5,750rpm 420 lb/ft @ 3,500rpm

V8 Supercharged. Aluminum construction of engine block and cylinder head with a structural sump and oil pick-up designed to enable operation at extreme angles. 32 Valve with quad camshafts and Supercharged with peak pressure of 11.6 p.s.i (0.8 Bar). Torque based engine management system, mapped for both on and off-road driving speeds. Drive by Wire throttle control and multi-holed fuel injectors. Premium unleaded fuel only. Bore 3.39 inches (86mm). Stroke 3.56 inches (90.3mm). Displacement 4.2 liters (256cu.in/4,197cu.cm). Compression ratio 9.1:1.

## **TECHNICAL SPECIFICATIONS**

ENGINE DATA	V8 HSE	V8 SUPERCHARGED
Displacement (cu.inches/cu.cm)	268/4,394	256/4,197
No. of cylinders	8	8
Cylinder layout	Longitudina <b>l</b> V8	Longitudina <b>l</b> V8
Bore inches (mm)	3.47 (88)	3.39 (86)
Stroke inches (mm)	3.56 (90.3)	3.56 (90.3)
Compression ratio (:1)	10.5 (+/-0.5)	9.1 (+/-0.5)
Cylinder head material	Aluminum	Aluminum
Cylinder block material	Aluminum	Aluminum
Ignition system	Distributor <b>l</b> ess <b>I</b> gnition	Distributorless Ignition
Valves per cylinder	4	4
Maximum power bhp @ rpm	305 @ 5,750	400 @ 5,750
Maximum torque lb/ft @ rpm	325/4,000	420/3,500
TRANSMISSION DATA Transmission type	Automatic	Automatic
Gear ratio 6th (High/Low) :1	0.691/2.025	0.691/2.025
5th (High/Low) :1	0.867/2.540	0.867/2.540
4th (High/Low):1	1.143/3.349	1.143/3.349
3rd (High/Low) :1	1.521/4.457	1.521/4.457
2nd (High/Low) :1	2.340/6.856	2.340/6.856
1st (High/Low) :1	4.171/12.221	4.171/12.221
Reverse (High/Low) :1	3.403/9.971	3.403/9.971
Final Drive ratio :1	3.73	3.73
Transfer box ratio High :1	1:1	1:1
Transfer box ratio Low :1	2.93:1	2.93:1

SAFETY	V8 HSE	V8 SUPERCHARGED
Four-channel all terrain ABS power braking with all-round ventilated disc brakes	•	•
Side impact door beams on all doors	•	•
Fu <b>ll</b> size driver 8 front passenger side airbags	•	•
Airbags, driver 8 front passenger head	•	•
Airbags, driver 8 front passenger side	•	•
Rear outboard passenger head airbags	•	•
Drivers knee airbag	•	•
Front passenger knee bolster	•	•
Front seat belt reel mounted pre-tensioners and load limiters	•	•
Active Roll Mitigation (ARM)	•	•
SUSPENSION		
Electronic air suspension with automatic load levelling and multiple modes: access, normal, off-road and extended height.  Terrain sensing software and cross-link valving for improved off-road performance, long travel variable rate air springs, computer controlled with cross-link valve gas filled shock absorbers		
Front: MacPherson struts with double lower control arms. 7.6 inches/194mm of vertical wheel travel		•
Rear: Double-wishbone suspension, 11.5 inches 292mm of vertical travel	•	•

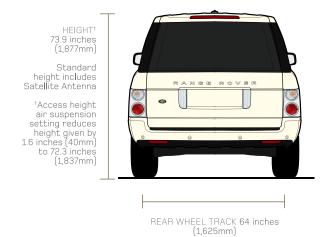
BRAKES	V8 HSE	V8 SUPERCHARGED
Front	2 x 48 piston sliding caliper ventilated disc	Brembo® 4 x 46 piston fixed caliper venti <b>l</b> ated disc
Front size (inches/mm)	13.5 x 1.2 / 344 x 30	14.2 x 1.2 / 360 x 30
Rear	45 piston sliding caliper ventilated disc	45 piston sliding caliper ventilated disc
Rear size (inches/mm)	13.9 x 0.8 / 354 x 20 ventilated disc	13.9 x 0.8 / 354 x 20 ventilated disc
Parking (Electronically activated)	Duo Servo	Duo Servo
STEERING		
Туре	Speed Proportional PAS	Speed Proportional PAS
Turns lock to lock	3.46	3.46
Turning circle (Curb-to-curb)	39.4 ft (12.0m)	39.4 ft (12.0m)
Turning circle (wall to wall)	41.4 ft (12.6m)	41.4 ft (12.6m)

## **DIMENSIONS AND CAPABILITY**

HEADROOM Maximum front headroom 39.3 inches (997mm) REAR HEADROOM 38.3 inches (974mm)



GROUND CLEARANCE off-road height 10.8 inches (275mm) Standard ride height 8.9 inches (225mm)





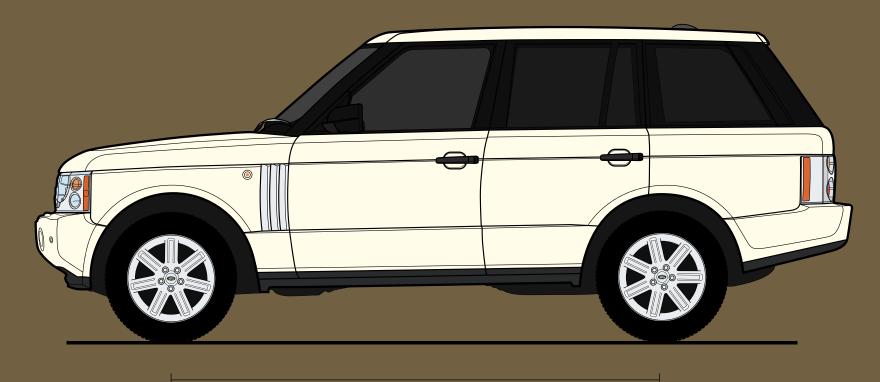
LUGGAGE CAPACITY REAR SEATS UPRIGHT Height 39.4 inches (1,002mm) Width 44.3 inches (1,124mm)

Loadspace volume 35.1 cu.ft (994 liters)
Loadspace width between arches 40.9 inches (1,040mm) Length at floor 42.6 inches (1,082mm)

LUGGAGE CAPACITY REAR SEATS FORWARD Height 39.4 inches (1,002mm) Width 44.3 inches (1,124mm) Loadspace volume 74.2 cu.ft (2,099 liters)

Loadspace width between arches 40.9 inches (1,040mm) Length at floor 60.2 inches (1,529mm) Maximum box size (length x width x height) 49.8 x 40.3 x 32.1 inches (1,265 x 1,024 x 815mm)

## **DIMENSIONS AND CAPABILITY**



WHEELBASE 113.4 inches (2,880mm)

OVERALL BODY LENGTH 195.8 inches (4,972mm)



WADING DEPTH Maximum wading depth 27.5 inches (700mm)





APPROACH ANGLE Standard ride height 29°, off-road 34° (to spoiler)

RAMP ANGLE
Standard ride height 25°,
off-road 30°

DEPARTURE ANGLE
Standard ride height 24.2°,
off-road 26.6° (to bumper)

#### PERFORMANCE AND WEIGHTS

WEIGHTS	V8 HSE	V8 SUPERCHARGED
Curb weight	5,698lb (2,592kg)	5,842lb (2,657kg)
Gross vehicle weight	6,834 <b>l</b> b (3,100kg)	6,834 <b>l</b> b (3,100kg)
Maximum payload	1,136 <b>l</b> b (515kg)	992 <b>l</b> b (500kg)
Maximum roof rack (including roof rack)	220 <b>l</b> b (100kg)	220 <b>l</b> b (100kg)
TOWING (towing pack optional)		
Unbraked trailer	1,653 <b>l</b> b (750kg)	1,653 <b>l</b> b (750kg)
Trailer with over-run brakes	7,716 <b>l</b> b (3,500kg)	7,716 <b>l</b> b (3,500kg)
Maximum coupling tongue weight	551 <b>l</b> b (250kg)	551 <b>l</b> b (250kg)
PERFORMANCE		
Maximum speed mph (kph)	121 (195)	130 (210)
0-60mph acceleration (sec)	8.3	7.1
0-100kph acceleration (sec)	8.7	7.5
Coefficient of drag	0.39	0.39

**DIMENSIONS AND CAPABILITY** Thanks to its innovative cross-linked air suspension, The Range Rover can maintain a level ride height even over undulating terrain and be set to lower gently to ensure easy entry and exit when parked. Despite its impressive power and peerless capabilities, front and rear Park Distance Control and speed proportional power-assisted steering ensure that maneuvering in tight spots is always a simple, trouble-free operation. With up to 74.2 cu.ft (2,099 liters) of cargo space The Range Rover again demonstrates its breadth of capability.

**PERFORMANCE AND WEIGHTS** The Supercharged has an impressive 0-60mph time of 7.1 seconds. The performance is aided by the extensive use of aluminum components that include the hood assembly, outer door skins and inner door construction, wheels, transmission housing and front fenders.



## **OUR PLANET**

#### **OUR COMMITMENT**

to a sustainable future. From the design of our vehicles and the way we build them, to how and where we use them, Land Rover is committed to sustainable development. We're committed to reducing our impact on the environment and are working in four key areas.

#### **ENVIRONMENTAL TECHNOLOGY**

In 2007 we announced a \$1.38bn joint investment into new technologies to improve the environmental performance of our vehicles. In 2008 we revealed our new concept vehicle, the LRX; a Land Rover in body and spirit, but conceived as a hybrid 2.0 liter diesel, with potential CO<sub>2</sub> emissions of 120g/km.

## SUSTAINABLE MANUFACTURING

World class manufacturing facilities. Certified to ISO14001 since 1998. Our manufacturing facilities at Solihull and Halewood have reduced emissions by around 4 percent year on year, over the last 5 years. Since 1997 we have reduced emissions in our Solihull plant by 30 percent. Some of our engines are made in a manufacturing plant part powered by wind turbines. In addition, we're offsetting all CO2 produced by the manufacturing assembly of Land Rover vehicles at both plants. Partnered with specialist organization Climate Care, our offset projects include a wind farm in China and hydro electric generators in Tajikistan.

## CO<sub>2</sub> OFFSETTING

In 2006 we launched a pioneering program. We were the first automotive company to offset 100 percent of our manufacturing assembly CO<sub>2</sub> emissions.



# GLOBAL CONSERVATION AND HUMANITARIAN PROJECTS

Land Rover vehicles are used by conservation and humanitarian organizations worldwide and are often first choice for difficult tasks. Organizations include the Born Free Foundation, Biosphere Expeditions, Royal Geographical Society (with IBG), China Exploration and Research Society and Earthwatch Institute. Our projects are diverse, ranging from an initiative to help with the protection of rare wolves in Ethiopia, to a project funded by our CO2 offset program which provides efficient cooking stoves to rural parts of Uganda. The partnership between the International Federation of Red Cross and Red Crescent Societies and the Land Rover G4 Challenge aims to generate over \$2m over the next two challenges.

## **OUR PLANET**

'Drive responsibly on and off-road'. We take our responsibility to our planet very seriously. We teach responsible on and off-road driving to help reduce the impact on the environment and encourage drivers to understand the full potential and unique breadth of capability of our vehicles.





## www.landroverusa.com

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