



1995 RANGE ROVER 4.0 SE





# Marque Values

*To everyone at Land Rover, the Marque Values represent more than mere design goals or performance requirements. They stand at the heart and soul of every vehicle we build.*

## INDIVIDUALISM

*Knowing your own mind: independence*

## AUTHENTICITY

*Fit for purpose: the original*

## FREEDOM

*Go where you want to go: choice*

## ADVENTURE

*Exploring the unknown, with care for the environment*

## GUTS

*Giving everything you've got: endurance*

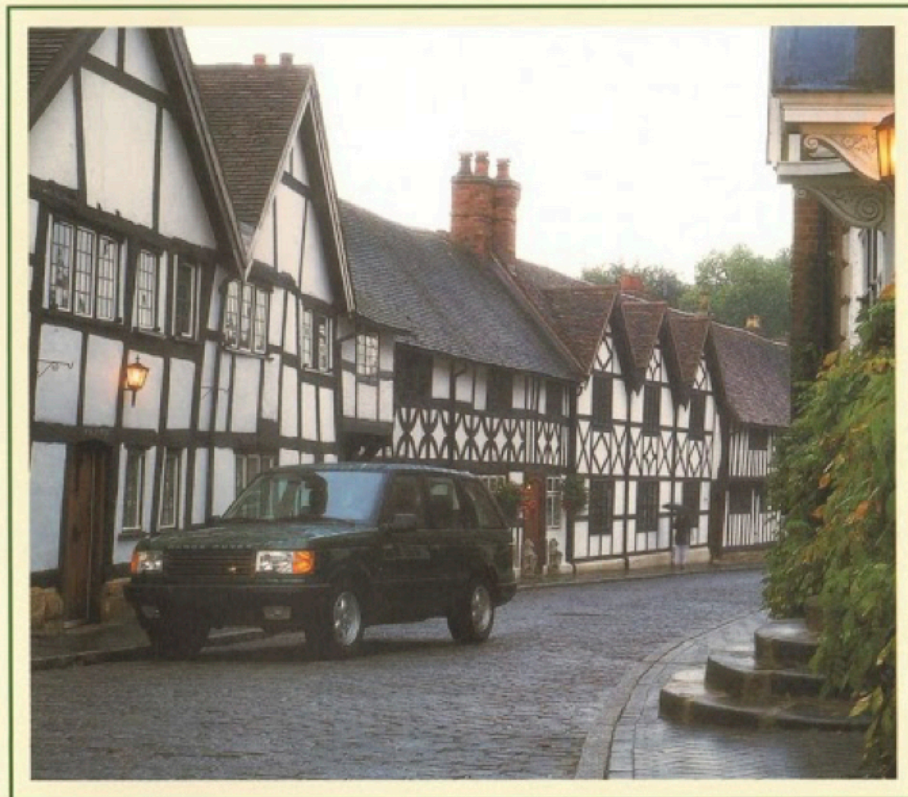
## SUPREMACY

*Superior to all competitors: leadership*

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# THE EVOLUTION OF A LEGEND

Once in a great while, a truly extraordinary vehicle captivates and inspires the world of prestige motoring. The all-new Range Rover 4.0 SE commands this distinguished honor. Created on a foundation of legendary attributes, it is an evolutionary masterpiece, whose identity and pedigree are clear and unmistakable. ■ The unique appeal of the Range Rover 4.0 SE is cultivated from an infinite number of lessons learned since 1970, when the original Range Rover was hailed as an innovative masterpiece. Traditional elegance defines the luxurious and functional interior while advanced engineering provides benchmark levels of driving refinement and all-around performance. ■ Permanent four-wheel drive technology, all-terrain anti-lock braking system (ABS) and a sophisticated traction control system provide outstanding security through city traffic and country lanes. But what raises the Range Rover 4.0 SE to levels significantly higher than mere luxury cars is its versatility. Exceptional off-road ability, the stuff of legends, allows it to be driven to places and on adventures that can't be found by following an ordinary road map.



THE BEST 4 X 4 X FAR



BY APPOINTMENT  
TO HER MAJESTY  
THE QUEEN  
MANUFACTURERS OF RANGE ROVER,  
LAND ROVER AND RANGE ROVER  
RANGE GROUP LTD. GERRARD



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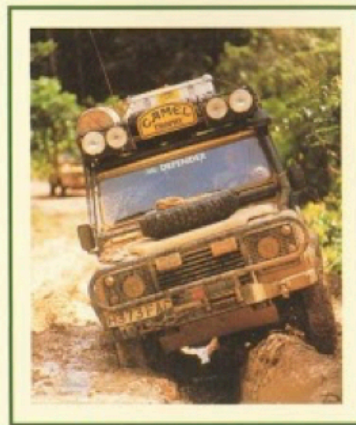
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# HEIR TO A GREAT TRADITION

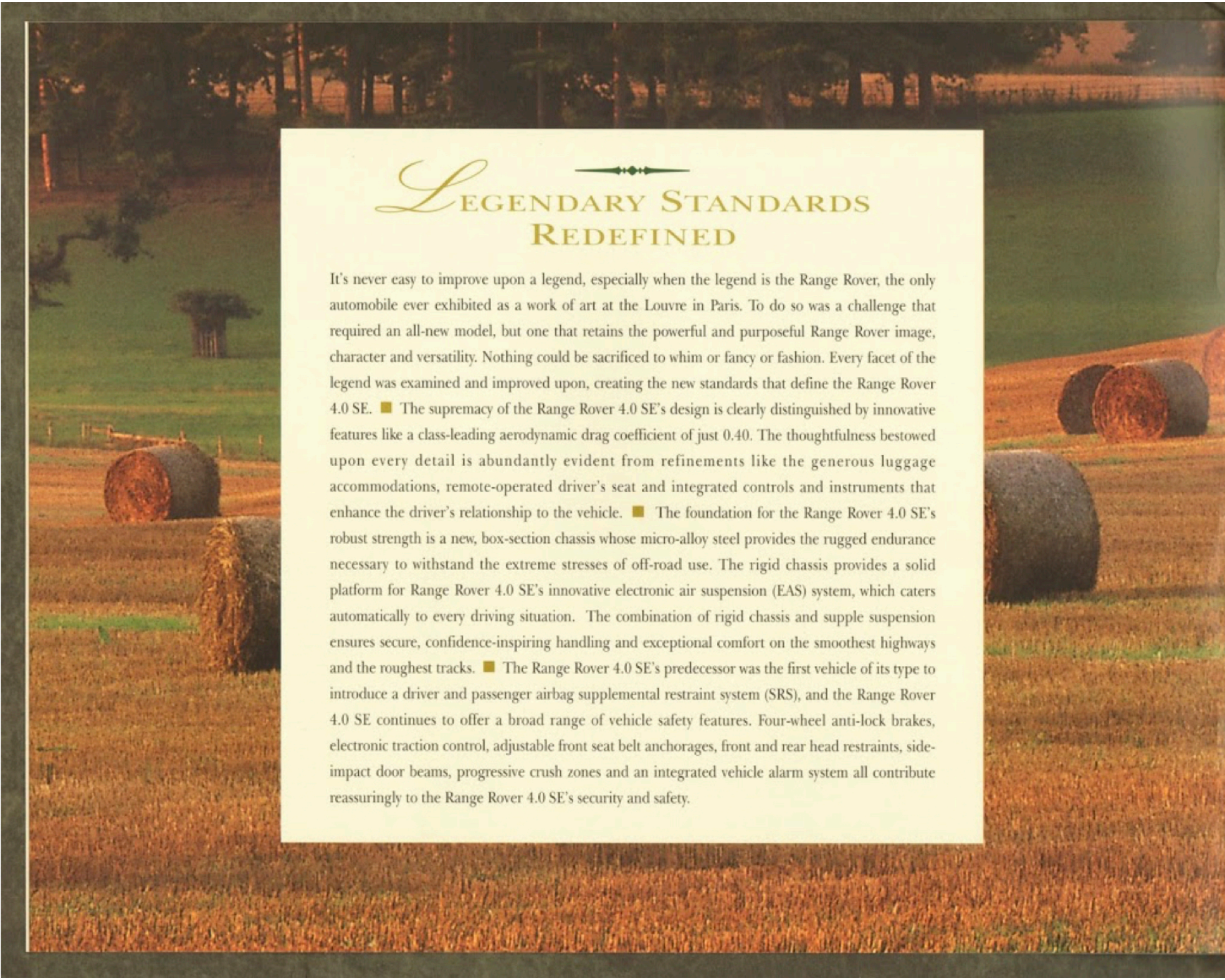
To survive the harshest environments, the frigid tundra of the Canadian Arctic, the blistering bone-dry Sahara, and the sweltering equatorial jungles of South and Central America, Land Rovers are built with an uncompromising philosophy of exceptional design and manufacturing quality. But assuring that every Land Rover lives up to its unique expectations requires more than just innovative technology, it demands absolute dedication to certain guiding principles. We call these principles the Land Rover Marque Values: Individualism...Authenticity...Freedom...Guts...Adventure...Supremacy. These values are the driving force behind every new standard we set and goal we achieve – and the Range Rover 4.0 SE



is no exception, remaining true to this Land Rover commitment. ■ The first Range Rover pioneered the concept of a versatile, capable and supremely comfortable four-wheel drive vehicle. From the start, the original Range Rover established its credentials as the vehicle of choice for global expeditions and comfortable country living. ■ The Range Rover 4.0 SE builds upon this concept, putting even more distance between itself and the rivals that failed to match its award-winning predecessor's unique appeal. As heir to this great legacy, it stands with the Land Rover Discovery, Defender 90, and Range Rover County Classic in a continuous evolution of a legendary name, synonymous with the best in style, strength, quality, reliability and adventure.







LEGENDARY STANDARDS  
REDEFINED

It's never easy to improve upon a legend, especially when the legend is the Range Rover, the only automobile ever exhibited as a work of art at the Louvre in Paris. To do so was a challenge that required an all-new model, but one that retains the powerful and purposeful Range Rover image, character and versatility. Nothing could be sacrificed to whim or fancy or fashion. Every facet of the legend was examined and improved upon, creating the new standards that define the Range Rover 4.0 SE. ■ The supremacy of the Range Rover 4.0 SE's design is clearly distinguished by innovative features like a class-leading aerodynamic drag coefficient of just 0.40. The thoughtfulness bestowed upon every detail is abundantly evident from refinements like the generous luggage accommodations, remote-operated driver's seat and integrated controls and instruments that enhance the driver's relationship to the vehicle. ■ The foundation for the Range Rover 4.0 SE's robust strength is a new, box-section chassis whose micro-alloy steel provides the rugged endurance necessary to withstand the extreme stresses of off-road use. The rigid chassis provides a solid platform for Range Rover 4.0 SE's innovative electronic air suspension (EAS) system, which caters automatically to every driving situation. The combination of rigid chassis and supple suspension ensures secure, confidence-inspiring handling and exceptional comfort on the smoothest highways and the roughest tracks. ■ The Range Rover 4.0 SE's predecessor was the first vehicle of its type to introduce a driver and passenger airbag supplemental restraint system (SRS), and the Range Rover 4.0 SE continues to offer a broad range of vehicle safety features. Four-wheel anti-lock brakes, electronic traction control, adjustable front seat belt anchorages, front and rear head restraints, side-impact door beams, progressive crush zones and an integrated vehicle alarm system all contribute reassuringly to the Range Rover 4.0 SE's security and safety.

## CONFIDENCE IN THE EXTREME

Conditions that present impassable obstacles for conventional luxury cars are no problem for the Range Rover 4.0 SE. Every aspect of the permanently engaged four-wheel drive system and electronic air suspension has been refined from the previous model to enhance its world-class off-road performance. ■ The suspension system of the Range Rover 4.0 SE uses forged steel radius arms at the front and lightweight high technology composite radius arms at the rear to accurately locate the new stronger but lighter front and rear axles. The system geometry allows exceptional wheel articulation, necessary to negotiate serious off-road obstacles. But the real key to the Range Rover 4.0 SE's combination of off-road ability and on-road prowess is its electronically controlled air suspension. This unique system monitors level sensors at all four corners and automatically adjusts the vehicle's four air springs to constantly



maintain a level ride, even when the vehicle is fully loaded. The result is extraordinarily supple ride comfort, secure and confident handling and an ability to negotiate the most extreme off-road hazards. ■ Five different profile modes are provided by the Range Rover 4.0 SE's electronic air suspension. Access Mode lowers the vehicle height for ease of access and loading. Standard Mode is for daily driving and towing on paved roads. Low Profile is automatically activated above 50 mph to enhance high speed stability. High Profile further increases the ride height of the vehicle for serious off-road mobility. Each mode is easily selected by the driver at the touch of a switch, or as with Extended Profile, will engage automatically as driving conditions require. In addition, Access Mode can be preselected while the vehicle is in motion up to forty seconds before coming to a halt. ■ The Range Rover 4.0 SE's on- and off-road





capabilities are both enhanced by a new and powerful 4.0-liter aluminum V-8 engine. Lightweight and powerful, the new engine is matched to a sophisticated electronically controlled four-speed automatic transmission, designed specifically for the Range Rover 4.0 SE. Driving torque is transmitted to the front and rear axles through a viscous coupling unit that automatically and seamlessly transfers power to the axle with the greatest traction, enhancing grip both on- and off-road. Engaging low-range gears for extreme conditions has been simplified and no longer involves moving a separate lever.



An innovative and patented "H-gate" system uses the same shift lever to control the automatic transmission and the high-low transfer box.



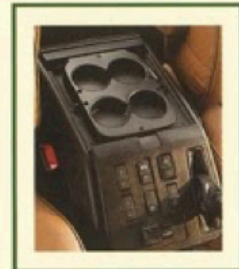


## AN EXCEPTIONALLY PLEASANT PLACE

Peerless build quality was a priority when the Range Rover 4.0 SE was being designed. Land Rovers embody the coexistence of craftsmanship with the highest levels of manufacturing technology. ■ To maintain the low weight vital for off-road usage, the front fenders, door skins and lower tailgate panel are aluminum. Elsewhere, the Range Rover 4.0 SE features the strength and durability of double-sided zinc-coated steel. Fit and finish are enhanced by single "monoside" pressings that encompass both front and rear door openings. Each body's precise dimensions are checked at 700 critical points during the manufacturing process. ■ Range Rover 4.0 SE's impressive mechanical specifications are complemented by a wide range of comfort and convenience features. The steering wheel offers a generous range of tilt and telescopic adjustment. The air conditioning system has automatic temperature control and individual settings for each side of the vehicle.

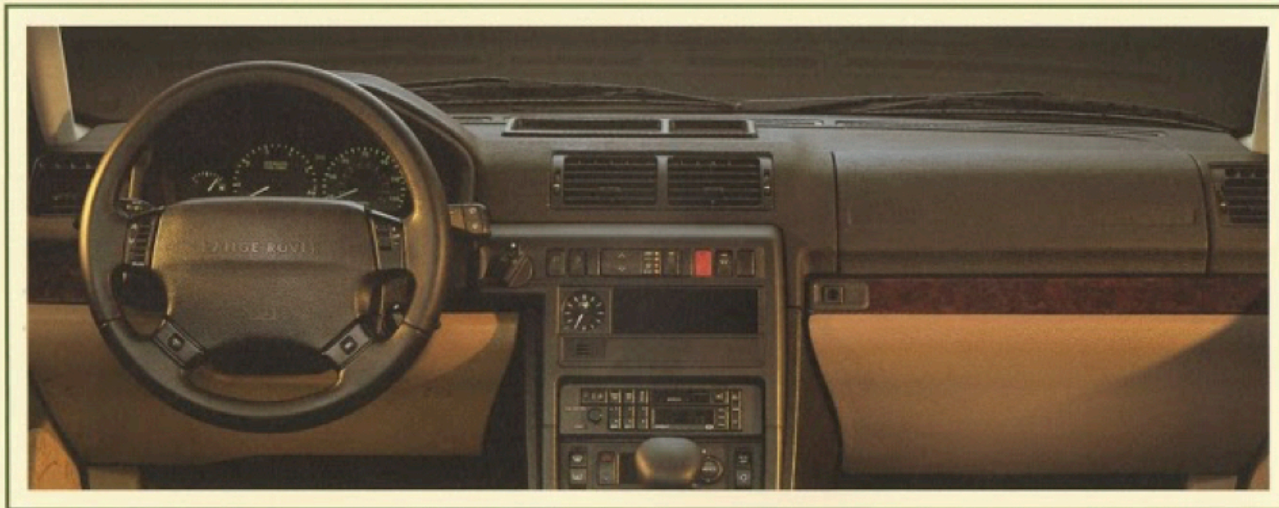


The unique four-cup holder is clever enough to have its own patent. The side mirrors automatically tilt downward when reverse gear is selected. An eleven-



speaker audio system fills the hushed low-noise levels of the spacious and effectively insulated interior. ■ The Range Rover 4.0 SE offers abundant head and leg room to driver and passengers and a generous cargo area. A full size spare tire is out of the way but easy to access in its own well in the cargo area. Elegant leather seats with convenient power adjustment and memory capability provide convenience for both driver and front seat passengers. A door lock and unlock remote control unit enables the pre-programmed settings to be selected while unlocking the doors.

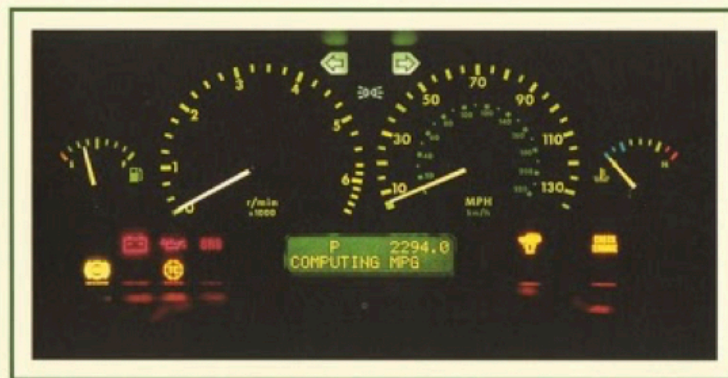








Conventional instruments and controls are easy to see and operate and are supplemented by a "message center" capable of displaying 150 items of information to the driver. Electrically heated front and rear windshields and external mirrors, and high pressure headlamp washers and wipers ensure good visibility even in severe weather. Typical of the Range Rover 4.0 SE's impressive attention to detail; the rear wiper operates automatically when the front wipers are on and reverse gear is engaged.









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## SAFETY: ABOVE ALL ELSE

The Range Rover 4.0 SE's solid, indomitable appearance instantly creates an impression of exceptional strength and safety. ■ Powerful acceleration, excellent handling, tenacious roadholding and one of the world's most advanced braking systems are features that contribute to the Range Rover 4.0 SE's ability to avoid trouble. A significant safety factor is the Range Rover 4.0 SE's acclaimed four-wheel drive system. Where most systems depend upon all-wheel drive being manually selected, the Range Rover 4.0 SE's system is permanently engaged, eliminating the risk of being caught off-guard when conditions change without warning. ■ The all-new chassis is extremely strong and designed to absorb impacts. In a minor collision, energy is soaked-up by "crush-cans" mounted between the front bumper and the chassis. Additionally, side-impact beams located inside all four doors further increase the structural strength and crash resistance of the Range Rover 4.0 SE. ■ Inside the Range Rover 4.0 SE driver and passenger airbag supplemental restraint systems are designed to deploy only when the sensor system detects a frontal impact more severe

than the jarring and jolting of off-road driving. The front seatbelt mounts have been designed for maximum protection. The upper mount is adjustable to allow the correct fit for people of varying sizes. The lower mounts are attached to the seat frame to ensure correct lap belt positioning regardless of seat adjustment. The front and rear seats utilize integral frames that are specifically designed to help prevent occupants from sliding

under the seatbelts in case of an accident. Serious accident impacts will also activate an inertia switch that unlocks the doors, cuts power to the fuel pump and turns on the vehicle hazard warning lights. ■ Another of the Range Rover 4.0 SE's safety features is a sophisticated remote central locking security system. Activated by either key or remote control unit, the system adds to owner safety by helping keep the Range Rover 4.0 SE secure from theft.



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## MORE CHALLENGES...GREATER REWARDS



Unlike conventional luxury cars, the versatile Range Rover 4.0 SE is engineered for much more than just secure highway travel. It is a vehicle for adventure. ■ The original Land Rover had been exploring the farthest reaches of the unknown for almost a quarter of a century when the first Range Rover appeared in 1970. Today, the Range Rover 4.0 SE is equally at ease wafting along a German autobahn, parked outside an exclusive London restaurant, or venturing onto a remote trail in the Rocky Mountains, far beyond the reach of other four-wheel drive vehicles. ■ When the going gets really tough, it is comforting to know that the Range Rover 4.0 SE can wade through 20 inches of water. Tests of unrivaled severity confirm the 4.0-liter V-8 engine's ability to operate at descending and ascending angles as steep as 45 degrees, and while the Range Rover 4.0 SE is leaning at as much as 35 degrees. ■ Nothing if not a vehicle for dynamic and independent individuals – people with a clear vision of what they want from life – it is ideal for hunting, fishing and all styles of country living. Towing a horse trailer across a muddy field or exploring a forgotten trail cease to be a cause for concern when you can rely on the Range Rover 4.0 SE's permanent four-wheel drive with its easily selectable low-range gears. ■ Horizons broaden and your world becomes a much bigger and far more interesting place – more challenging and more rewarding – when you drive the Range Rover 4.0 SE.





# SPECIFICATIONS

## CONSTRUCTION (Chassis/Body)

- Boxed steel ladder frame
- Welded steel inner body cage mounted to chassis at ten rubber insulated points
- Front fenders, door skin, and tailgate outer skin panels are aluminum, the rest are double sided zinc-coated steel

**ENGINE** 4.0-liter, 190 hp, 236 lb.-ft.

torque, sequential multiport fuel injection

**Type** V-8, OHV, cast aluminum alloy cylinder heads and block, dry steel liners

**Displacement** 241 cu. in. (3950 cc, 4.0-liters)

**Bore and Stroke** 3.7 in. x 2.8 in. (94.0 mm x 71.1 mm)

**Compression ratio** 9.34:1

**Maximum power** 190 bhp @ 4750 rpm

**Maximum torque** 236 lb.-ft. @ 3000 rpm

**Fuel management** Sequential fuel injection

**Fuel requirement** Unleaded - Premium



## TRANSMISSION

Four-speed electronically controlled automatic.

### Type

Automatic four-speed and reverse, epicyclic gearbox with fluid torque converter and lockup

**4th** 0.73:1

**3rd** 1.00:1

**2nd** 1.48:1

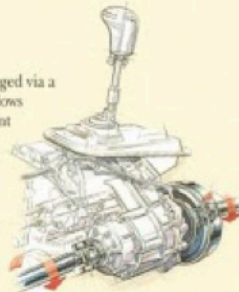
**1st** 2.48:1

**Reverse** 2.09:1

## TRANSFER GEARBOX

Permanent four-wheel drive.

Front and rear drive permanently engaged via a center (inter-axle) differential which allows four-wheel drive to operate on pavement for extra security. This differential is fitted with a viscous coupling unit (VCU). Upon sensing loss of traction, the viscosity of VCU fluid increases, creating a locking effect which provides equal power distribution (50/50 torque split) to both drive shafts. Once traction is regained, VCU locking effect is reduced automatically.



## Model

Borg Warner BW44-62

## Type

Two-speed reduction via epicyclic gears and Morse Hy-6 chain to double offset front and rear driveshafts permanently engaged for 4WD via a center differential and viscous coupling unit.

High Ratio 1.216:1, Low Ratio 3.271:1

Overall ratio (final drive) High Range Low Range

**4th** 3.143:1 8.452:1

**3rd** 4.305:1 11.579:1

**2nd** 6.371:1 17.137:1

**1st** 10.676:1 28.716:1

**Reverse** 8.997:1 24.208:1

## ELECTRONIC AIR SUSPENSION (EAS) SYSTEM

The electronic air suspension control unit monitors level sensors at all four corners and automatically adjusts the vehicle's four springs to constantly maintain a level ride, even when fully loaded. The driver has control over suspension settings, depending on circumstances, that raise or lower the vehicle over a range of 4.9 inches (125 mm). Standard ride height is comparable to traditional long-travel coil springs. Standard Mode is used for routine around town driving and normal off-road conditions. Low Profile is automatically assumed when the vehicle cruises above 50 mp, dropping 1 inch (25 mm) for an aerodynamically lower profile. An "inhibit" switch locks out this feature for applications such as towing. The driver may select the Access Mode which will lower the vehicle 2.6 inches (65 mm) to facilitate entry and exit as well as loading. Access Mode may be "pre-selected" while vehicle is in motion up to 40 seconds before coming to a halt, and may be activated up to 40 seconds after engine is shut off. When approaching deep water crossings or severe off-road conditions, the driver can activate High Profile, thereby raising the vehicle 1.6 inches (40 mm) and enabling it to wade in water nearly 20.0 inches deep. A final EAS capability is Extended Profile which will automatically cause a wheel to reach down a full 2.4 inches (60 mm) from standard height to gain traction if the vehicle is high centered off-road. The suspension automatically reverts to the standard position in about three seconds when the speed exceeds 35 mph.

## ELECTRONIC TRACTION CONTROL

The Range Rover 4.0 SE is equipped with a highly sophisticated electronic traction control system. Without electronic traction control, when a wheel starts to spin, it not only loses traction itself, but it also uses all of the torque available to the axle, preventing the opposite wheel from providing grip. Electronic traction control operates by applying the brakes to the spinning wheel and transferring torque to the other wheel on the axle. This provides torque to the wheel that can still provide grip.

## BRAKES

### Operation

All-terrain anti-lock brake system (ABS). Hydraulic, power actuated, self-adjusting, four-channel, full four-wheel disc brakes incorporating electronic traction control. Drum-type parking brake, operating on transfer gearbox output shaft.

**Front Type** Outboard ventilated discs with two pistons per caliper

**Disc diameter** 11.70 in. (297.2 mm)

**Rear Type** Outboard solid discs with one piston per caliper

**Disc diameter** 11.97 in. (304 mm)

## SUSPENSION

- Electronically controlled air suspension (EAS) with four air springs, double acting shock absorbers and height sensors

### Front

- Air springs, radius arms, Panhard rod, anti-sway bar

### Rear

- ATLAS (All-Terrain Lightweight Articulation System)
- Air springs, composite radius arms, Panhard rod

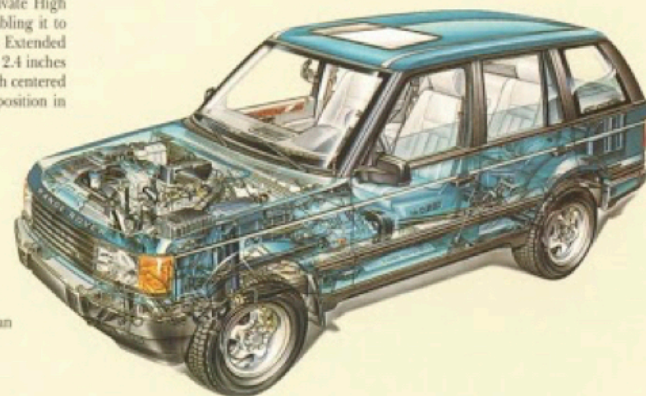
### Vertical wheel travel

- Front: 8 in.
- Rear: 9 in.

## AXLES

**Type, front and rear** Rigid beam

**Ratio, front and rear** 3.54:1



# SPECIFICATIONS



RANGE ROVER 4.0 SE

## STEERING

Power assisted recirculating ball	
Turns lock to lock	3.2
Turning Circle	39 ft. (11.89 m)

## TIRES

Michelin all purpose steel radial. Full size spare wheel and tire	
Tire size	255/65 R16
Wheels	Alloy, 8 x 16 in.

## VEHICLE DIMENSIONS

Overall length	185.5 in. (4715 mm)
Overall width	87.7 in. (2228 mm)
Overall height	71.6 in. (1817.5 mm)
Wheelbase	108.1 in. (2745 mm)
Track: front and rear	60.6 in. (1540 mm) / 60.2 in. (1530 mm)
Ground clearance:	
under differential	8.4 in. (213 mm)
axle	12.2 in. (310 mm)
frame	11.0 in. (280 mm)
Front overhang	33.9 in. (862 mm)
Rear overhang	43.5 in. (1106 mm)
Fording depth	
Standard height	19.7 in. (500 mm)
High profile	21.3 in. (540 mm)
Turning circle	39.0 ft. (11.89 m)
Angle of approach	30 degrees w/spoiler in standard ht. 34 degrees w/spoiler in high profile 34 degrees w/o spoiler in standard ht. 37 degrees w/o spoiler in high profile
Angle of departure	23 degrees in standard ht. 25 degrees in high profile
Ramp breakover angle	154 degrees in standard ht. 151 degrees in high profile
Loading height	31.1 in. (789 mm) in standard ht. 28.5 in. (724 mm) in access mode
Maximum cargo height	39.2 in. (996 mm)
Rear opening width upper	37.0 in. (940 mm)
Rear opening width lower	48.8 in. (1240 mm)
Front head room	38.1 in. (967 mm)
Front hip room	60.9 in. (1546 mm)
Front leg room (min)	34.7 in. (881 mm)
Front leg room (max)	42.6 in. (1081 mm)
Rear head room	38.2 in. (970 mm)
Rear hip room	60.9 in. (1546 mm)
Rear leg room	36.5 in. (926 mm)
Maximum roof rack load	176.0 lbs. (80 kg)
Fuel tank	24.6 U.S. gal/93.0-liters

## WEIGHTS AND TOWING CAPACITY

Curb weight	4960 lbs. (2252 kg)
Gross vehicle weight rating (GVWR)	6130 lbs. (2780 kg)
Maximum permissible tongue weight	550 lbs. (250 kg)
Trailers without brakes (Max. weight)	
On-Road	1650 lbs. (750 kg)
Off-Road	1100 lbs. (500 kg)
Trailers with brakes	
On-Road	7700 lbs. (3500 kg)
Off-Road	2200 lbs. (1000 kg)

## AUDIO

- Premium 120 watt audio system featuring AM/FM stereo cassette with theft deterrent, eleven speakers, including subwoofer
- Six-disc CD autochanger

## SAFETY AND SECURITY

- Four-channel, all-terrain anti-lock disc brake system
- Driver and front passenger airbag supplemental restraint system (SRS)
- Front frame mounted replaceable crush cans
- Side door impact beams—front and rear doors
- Collapsible steering column
- Anti-submarine seat frames (front and rear)
- Front and rear outboard adjustable head restraints
- Inertia switch (unlocks doors, turns off fuel pump, turns on hazard lights)
- Vehicle security system with remote keyless entry
- Removable rear loadspace cover
- Rearview mirror with automatic dimmer

## COMFORT

- Front seats: 10-way electrically adjustable and heated, adjustable lumbar support, two-position memory driver's seat and door mirrors
- Remote activated two-position memory seat and mirrors
- One-touch open/close window and sunroof
- Electronic cruise control
- Driver/passenger side dual control heating, ventilation and air conditioning

## APPOINTMENTS

- Tilt and telescopic adjusting steering wheel with centrally-located horn
- Power-off delay logic for window and sunroof operation
- Front and rear door puddle lamps
- Power windows with backlit controls and one-touch feature on front windows
- Central locking to doors and tailgate
- Full instrumentation
- Remote fuel filler cover release
- Dual electrically adjusted and heated exterior mirrors
- Heated front windshield and rear window
- Integral Class III trailer tow hitch receiver
- Front spoiler with fog lamps
- Variable front wipers with heated washer jets
- Rear window washer and intermittent wipers with variable delay and wiper jets
- Twin halogen headlamps with power wash

## TRIM

- Leather faced seats and trim details
- Burl walnut trim details on center console, fascia and door cappings

## COLORS

- Aspen Silver with Granite Interior
- Biarritz Blue with Saddle Interior
- Roman Bronze with Saddle Interior
- Beluga Black with Saddle Interior
- Epsom Green with Saddle Interior
- Alpine White with Saddle Interior
- Avalon Blue with Saddle Interior
- Portofino Red with Saddle Interior

## WARRANTY

- 5 years/42,000 miles (70,000 km in Canada) new vehicle limited warranty
- 6 years/unlimited mileage, corrosion perforation limited warranty
- Land Rover 24-Hour Road Recovery™ service

Details and specifications are further subject to change due to local conditions and regulations. Not all models of Land Rover Products are available in every market. Consult your dealer for advice on correct specifications. Equipment on Canadian models may vary.


Land Rover Road Recovery™ is a registered service mark Land Rover North America, Inc.

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## WARNING

Always wear seatbelts for maximum protection. The seatbelts in this vehicle constitute the primary protection system for passengers in collisions and are the basis for the certification that this vehicle complies with Federal Motor Vehicle Safety Standards. The airbag supplementary restraint system (SRS) is a supplement to the seatbelts and is not the basis for certification of the vehicle. While airbags provide additional protection, airbags alone are not sufficient. Remember to always buckle up.

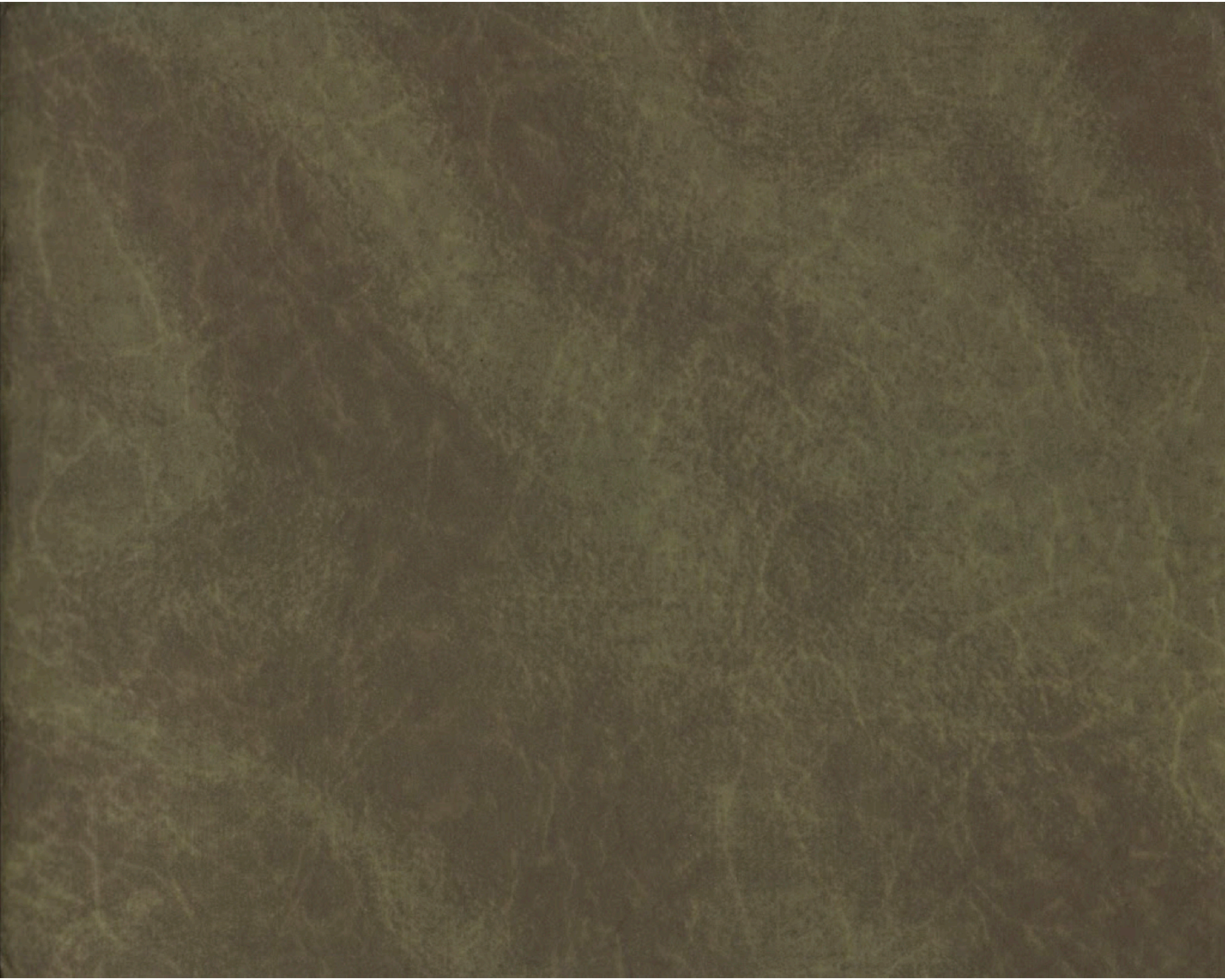




EXTRAORDINARY  
PEACE OF MIND

A Land Rover product is not an ordinary vehicle and to own a Land Rover is an extraordinary experience. Beyond the outstanding versatility and performance of the Range Rover 4.0 SE is Land Rover's unparalleled commitment to customer satisfaction. ■ In addition to a new vehicle limited warranty of 3 years/42,000 miles and a corrosion perforation warranty of 6 years/unlimited miles, Land Rover Owners have the peace of mind that comes from a 24-hour a day/ 365 day a year Road Recovery service. A single call to a toll-free number ensures roadside assistance should you run out of fuel or have a flat tire. In the unlikely event of a breakdown, the 24-hour hotline will dispatch a towing service to take you to the nearest authorized dealer or repair facility (within 400 miles). ■ To further enhance your ownership experience, Land Rover dealers frequently sponsor "Wheels" off-road driving events to initiate those new to off-road and to hone the skills of those already proficient. Additionally, Land Rover North America, Inc. offers *The Land Rover Experience* off-road adventures in various locations throughout the United States and abroad. ■ The Range Rover 4.0 SE's exceptional ability to take you off-road brings with it the responsibility to respect nature and protect our environment. To this end Land Rover fully supports and is a founding member of the **Tread Lightly!** program that is dedicated to protecting public and private lands for future generations. Please buckle up for security at all times.

**TREAD LIGHTLY!** OFFICIAL SPONSOR  
ON PUBLIC AND PRIVATE LAND



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