

# The 2013 Land Rover LR4

## Technical Data

(All numbers are preliminary manufacturer estimates)

<b>Engine</b>	
Configuration	90-degree V8, aluminum-alloy cylinder block and heads
Displacement	5,000 cc / 305 cu. in.
Bore x Stroke	92.5 x 93.0 mm / 3.64 x 3.66 in.
Compression ratio	11.5:1
Valvetrain	Chain-driven double overhead camshafts, four valves per cylinder, torque-activated Variable Camshaft Timing (VCT)
Fuel/Induction	Sequential direct fuel injection
Ignition	Distributorless
Engine management system	Denso Gen 1.5
Horsepower	375 @ 6,500 rpm
Torque	375 lb.-ft. @ 3,500 rpm
Emissions compliance	ULEV 2
Fuel requirement	Premium
<b>Drivetrain</b>	
Transmission	ZF6 HP28 six-speed electronically controlled automatic transmission with CommandShift™ (Normal, Sport and Manual shift modes); locking torque converter
Transfer gearbox	Two-speed electronic transfer gearbox; shift-on-the-move capability; electronically controlled, infinitely variable locking centre differential Transfer gear ratio: 2.93
Drive system	Permanent four-wheel drive with four-wheel Electronic Traction Control (4ETC)
Dynamic control systems	Dynamic systems include: All-terrain Dynamic Stability Control (DSC), Active Roll Mitigation (ARM), Cornering Brake Control (CBC) and Hill Descent Control (HDC) with Gradient Release Control (GRC).
Terrain Response®	Modifies response of engine, transmission, differentials, dynamic systems (DSC, 4ETC, HDC) and air suspension.  Multi-mode system to maximize traction and control in a variety of driver-selectable settings: General (optimizing systems for most normal driving conditions), Grass/Gravel/Snow, Mud/Ruts, Sand, Rock Crawl
Transmission ratios	
Forward 1 - 6	4.17 2.34 1.52 1.14 0.87 0.69
Reverse	3.40
Final drive ratio	3.54
<b>Chassis/Structure</b>	
	Integrated body-frame with hydroformed members and advanced high-strength steels, including boron steel in the A and B pillars. Body panels made from double-sided zinc-coated steel and aluminum alloy.
Suspension	4-wheel independent Electronic air suspension with automatic load-leveling and multiple modes: Access, Standard, Off-Road and Extended Height. Terrain sensing software and cross-link valving for improved off-road performance.
Front	Double wishbone; long-travel variable-rate computer-controlled air springs; gas-filled shock absorbers, anti-roll bar. Vertical wheel travel: 10.0 inches (255 mm)
Rear	Double-wishbone with long-travel variable rate computer-controlled air springs with cross valving and gas-filled shock absorbers. Vertical wheel travel: 13.0 inches (330 mm)
Brakes	Power-assisted 4-wheel disc with Electronic Brake-force Distribution (EBD), 4-channel all-terrain Anti-lock Braking System (ABS), Emergency Brake Assist (EBA), and electronic parking brake.
Front rotors	14.2-inch dia. (360 mm), ventilated
Rear rotors	13.8-inch dia. (350 mm), ventilated
Steering	Speed-sensitive power-assisted rack-and-pinion
Turns, lock-to-lock	3.32
Turning circle	11.45 m
Wheels	19 x 8 in. aluminum alloy (20-in. available)
Tires	255/55R-19 performance all-season

<b>Exterior Dimensions</b>	
Coefficient of drag (Cd)	0.40
Wheelbase	113.6 in. (2,885 mm)
Length	190.1 in. (4,829 mm)
Width	With mirrors: 85.7 in. (2,176 mm) With mirrors folded: 75.4 in. (1,915 mm)
Height	74.1 in. (1,882 mm)
Track (front/rear)	63.2/63.5 in. (1,605/1,613 mm)
Min. ground clearance	Standard mode: 7.3 in. (185 mm) Off-road mode: 9.5 in. (240 mm)
Angle of approach	32.2-37.2 deg. (range with EAS in Standard and Off-Rode modes)
Angle of departure	26.7-29.6 deg. (range with EAS in Standard and Off-Rode modes)
Ramp breakover angle	22.8-29.9 deg. (range with EAS in Standard and Off-Rode modes)
Max. wading depth	27.6 in. (700 mm) (Off-Road mode)
Ascent/descent	45/40 deg. drive-through 35/35 deg. continuous
Base curb weight	2,567 kg
Max roof-rack load	74.8 kg
Towing capacity	Braked trailer: 3,500 kg Unbraked trailer: 750 kg
Max tongue weight	250 kg
<b>Interior Dimensions</b>	
Seating capacity	5 or 7
Headroom (f/r/3 <sup>rd</sup> )	40.4/42.4/40.1 in. (1,027/1,076/1,018 mm)
Legroom (f/r/3 <sup>rd</sup> )	42.4/37.6/36.3 in. (1,078/955/923 mm)
Shoulder room (f/r/3 <sup>rd</sup> )	59/59.2/42.8 in. (1,499/1,503/1,087 mm)
Max. loadspace length	Behind 1 <sup>st</sup> row: 76.8 in. (1,950 mm) Behind 2 <sup>nd</sup> row: 44.3 in. (1,125.2 mm) Behind 3 <sup>rd</sup> row: 13.3 in. (337.8 mm)
Width between wheel housings	45.1 in. (1,146 mm)
Max. cargo area width	48.6 in. (1,235 mm)
<b>Cargo space</b> (Cu.Feet) (7-seat)	90.3 behind first row, 42.1 behind second row, 9.9 behind third row
<b>Performance</b>	
0-60 mph	7.5 sec.
0-100 km/h	7.9 sec.
Max. track speed	121 mph (195 km/h)
Fuel Economy (L/100 km)	City 17.1 Highway 11.6 Combined 14.6
Fuel capacity	22.8 gal. (86.3 litres)

1. These features are not a substitute for driving safely with due care and attention and will not function under all circumstances, speeds, weather and road conditions, etc. Driver should not assume that these features will correct errors of judgment in driving

2. Price shown is MSRP. Excludes \$1,270 destination and delivery fee. Excludes taxes, title, license and other local fees. Actual price set by retailer. See your local authorized Land Rover retailer for details

3. Always obey local speed limits

4. Driving while distracted can result in loss of vehicle control. Do not operate, adjust or view the navigation or multimedia systems under conditions that will affect your safety or the safety of others. Only use devices with voice commands when it is safe to do so

5. Power ratings are at a practically audio distortion free level of 0.2% THD + N (Total Harmonic Distortion plus Noise)