

Technical specifications

ENGINE SPECIFICATIONS

	V8 (Normally Aspirated)	V8 (Supercharged)
Capacity	305 cubic in. (4 999 cm ³)	305 cubic in. (4 999 cm ³)
Firing order	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Bore	3.64 in. (92.5 mm)	3.64 in. (92.5 mm)
Stroke	3.66 in. (93.0 mm)	3.66 in. (93.0 mm)
Number of cylinders	8	8
Compression ratio	11.5:1	9.5:1

LUBRICANTS AND FLUIDS

Part	Specification
Engine oil	SAE 5W-20 meeting specification WSS-M2C925-A, ILSAC GF4, API SM only.
Transmission oil	Shell ATF L12108
Transfer gearbox oil	TL 7300 Shell TF 0753
Front differential oil	Castrol SAF-XO
Rear differential oil (non-locking)	Castrol SAF-XO
Rear differential oil (electronic locking)	Castrol BOT 720
Dynamic response fluid	Texaco Cold Climate PAS fluid 33270
Brake fluid	Shell DOT4 ESL. If unavailable, a low viscosity, synthetic compatible DOT4 brake fluid that meets ISO 4925 class 6 and Land Rover LRES22BF03 requirements may be used.
Windshield washer	Windshield wash with frost protection
Coolant	1:1 mixture of Havoline XLC antifreeze and water.

Land Rover recommends Castrol oils.



CAPACITIES

Item	Capacity pints (litres)
Fuel tank (usable)	27.7 gallons (105)
Engine oil refill and filter change	16.9 (8.0)
Automatic gearbox	Filled for life
Transfer box	3.17 (1.5)
Front differential - wet fill	1.14 (0.54)
Rear differential (non-locking) - wet fill	1.80 (0.85)
Rear differential (electronic locking) - wet fill	2.64 (1.25)
Washer reservoir	12.68 (6.0)
Cooling system (refill):	
- Normally Aspirated	14.43 (6.83)
- Supercharged	18.66 (8.83)

The quoted capacities are approximate and provided as a guide only. All oil levels must be checked using level plugs, Message center information or drain and refill, as applicable.

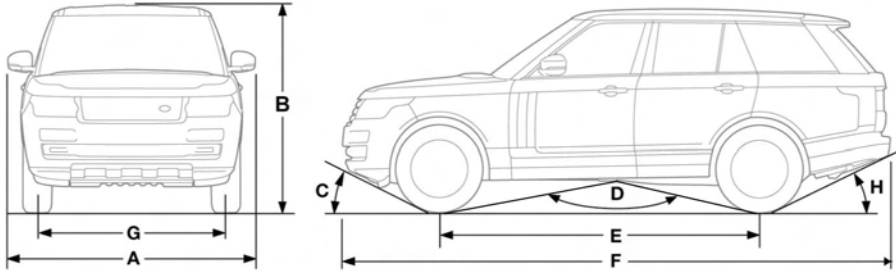
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WEIGHTS

Variant	Curb weight from lbs (kg)	Gross Vehicle Weight (GVW) ¹ lbs (kg)	Gross Train Weight ² lbs (kg)
V8 (Normally Aspirated)	4850 (2200)	6614 (3000)	14440 (6550)
V8 (Supercharged)	5137 (2330)	6945 (3150)	14661 (6650)
¹ The maximum permissible weight of the vehicle including passengers and load.			
² The maximum permissible weight of the vehicle and braked trailer including their respective loads.			

Variant	Maximum front axle load ¹ lbs (kg)	Maximum rear axle load ¹ lbs (kg)	Maximum roof crossbar load ² lbs (kg)
V8(Normally Aspirated)	3307 (1500)	3814 (1730)	220 (100)
V8(Supercharged)	3417 (1550)	3913 (1775)	220 (100)
¹ The front and rear axle maximum loads can not be reached simultaneously as this will exceed the GVW limit.			
² This figure is extra to the weight of the roof rails and crossbars.			

DIMENSIONS



E139191

Item	Description	inches (mm)	Degrees
A	Width (including mirrors)	87.4 (2220)	-
B	Height: (standard road height)	72.3 (1835)	-
C	Approach angle (at curb weight and standard road height)	-	31.4°
D	Ramp breakover angle (at curb weight and standard road height)	-	134.8°
E	Wheelbase	115 (2922)	-
F	Overall length	196.8 (4998)	-
G	Track - Front	66.5 (1690)	-
	Track - Rear	66.2 (1683)	-
H	Departure angle without draw bar (at curb weight plus full size spare tire and at standard road height)	-	30.7°
H	Departure angle with Class 3 Draw Bar (at curb weight and at standard road height):	-	22.5°
H	Departure angle with Class 3 Draw Bar and multi height plate (at curb weight and at standard road height):	-	14.0°
H	Departure angle with electrically deployable tow bar (stowed):	-	24.9°
H	Departure angle with electrically deployable tow bar (deployed):	-	18.5°
-	¹ Wading depth at Off-road height	35.4 (900)	-

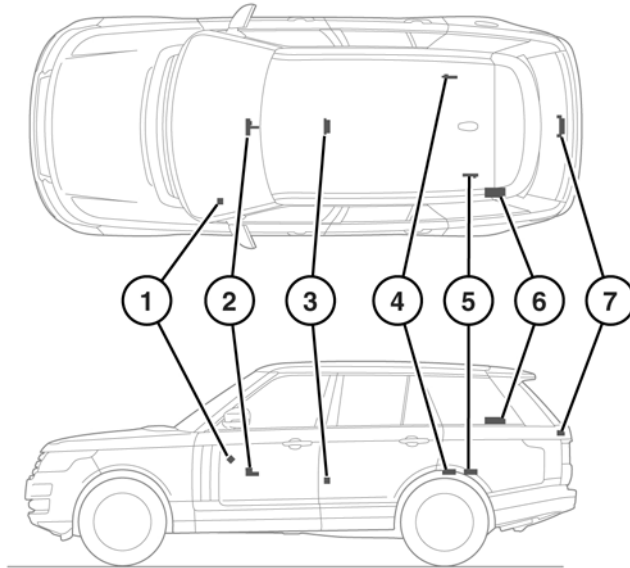
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Item	Description	inches (mm)	Degrees
-	² Minimum ground clearance at standard road height:	8.68 (220.5)	-
-	Turning circle (wall to wall)	500 (12700)	-

¹ For further information on wading, see **138**, **ROCK CRAWL**.

² When driving off-road, vehicles fitted with Deployable side steps, Fixed side steps and Side tubes have a different ground and side clearance.

REMOTE KEY FOB TRANSMITTER LOCATIONS



E150086

1. Security transmitter.
2. Cabin front transmitters.
3. Cabin middle transmitter.
4. Loadspace interior transmitter.
5. Loadspace interior transmitter.
6. Keyless start module.
7. Loadspace exterior transmitter.

⚠ WARNING

Any person fitted with an implanted medical device should be kept at a distance of at least 8.7 inches (22 cm) away from any transmitter mounted in the vehicle. This is to avoid any possibility of interference between the system and the device.

Radio Frequency Spectrum Regulation Statement

USA

This device complies with Part 15 of the FCC rules. Operation is subject to the two following conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Canada

IC-RSS-210:

Operation is subject to the following two conditions:

(1) this device may not cause interference, and

Technical specifications

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

The key system transmitter radio frequency approval numbers for the USA and Canada are as follows:

USA FCC ID:	KOBJTF10A
	KOBJLR09A
	KOJBG10A
	KOJBG10B
Canada IC:	3521A-JTF10A
	3521-JLR09A
	3521-JBG10A
	3521-JBG10B
Model Number:	AH22-15K601A
	AH42-15K602-A
	AH22-19H440 (PEPS)
	AH42-19H440 (Passive Start only)

NOTICE

The Smart Key may suffer interference from other legal users of the this radio frequency band, such as radio amateurs, medical equipment, remote controls or alarm systems. To lock or unlock the vehicle in such a situation, either use a key or operate the key transmitter as close to the security antenna as possible.

Note: *The manufacturer is not responsible for any radio interference caused by unauthorized modifications to this equipment. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.*