

ENGINE DATA

	3.6L Diesel	4.4L Diesel	V8 Petrol
Capacity	3 628 cm ³	4 367 cm ³	4 999 cm ³
Firing order	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Bore	81.0 mm	84.0 mm	92.5 mm
Stroke	88.0 mm	98.5 mm	93 mm
Number of cylinders	8	8	8
Compression ratio	17.3:1	16:1	NA - 11.5:1 SC - 9.5:1

LUBRICANTS AND FLUIDS

Part	Variant	Specification
Engine oil	3.6L diesel engine with DPF	SAE 5W-30 oil meeting specification WSS-M2C913-B.
	3.6L diesel engine without DPF	SAE 5W-30 oil meeting specification WSS-M2C921-A.
	4.4L diesel engine with DPF	SAE 5W-30 oil meeting specification WSS-M2C934-B. Land Rover recommends Castrol SLX Professional Powerflow C1 5W-30. Note: In an emergency only, topping up with WSS-M2C913-B to a maximum of 1 litre is allowed.
	4.4L diesel engine without DPF	SAE 5W-30 oil meeting specification WSS-M2C913-B.
	4.4L diesel engine without DPF in high sulphur fuel market.	Use SAE 5W-30 oil meeting specification WSS-M2C921-A to retain the standard service schedule periods. Use of SAE 5W-30 oil meeting specification WSS-M2C913-B will require more frequent servicing. See the Service Portfolio.
	Petrol engines	SAE 5W-20 meeting specification WSS-M2C925-A only. Land Rover recommends Castrol SLX Professional 5W-20. Japan only - ILSAC GF4 and API SM.
Main gearbox oil	Automatic transmission	Shell ATF M1375.4.

Technical specifications

Part	Variant	Specification
Transfer gearbox oil	All vehicles	Shell TF 0753.
Front differential oil	All vehicles	Castrol SAF XO.
Rear differential oil	Non-locking	Castrol SAF XO.
Rear differential oil	Electronic Locking	Castrol SAF Carbon Mod Plus.
Power steering fluid	All vehicles	Texaco Cold Climate PSF 14315.
Brake fluid	All vehicles	Shell DOT4 ESL. If unavailable, use a low viscosity DOT4 brake fluid that meets ISO 4925 class 6 requirements.
Screen washer	All vehicles	Screen wash with frost protection.
Coolant	All vehicles	50% mixture of Castrol SF antifreeze and water.

CAPACITIES

Item	Variant	Capacity
Fuel tank (usable)	Petrol	101 litres (22.2 gallons)
	Diesel	97 l (21.3 gallons)
Engine oil refill and filter change	Diesel	9.0 litres
	V8 NA Petrol	8.0 litres
	V8 SC Petrol	8.0 litres
Front differential	Refill	0.75 litres
	Dry fill	0.8 litres
Rear differential -Non-locking	Refill	1.14 litres
	Dry fill	1.2 litres
Rear differential - Electronic locking	Refill	1.55 litres
	Dry fill	1.6 litres
Washer reservoir	All vehicles	6.3 litres
Cooling system (refill)	Diesel	14 litres
	V8 NA Petrol	15 litres
	V8 SC Petrol	16 litres

The quoted capacities are approximate and provided as a guide only. All oil levels must be checked using the dipstick, level plugs or driver information module, as applicable.

WEIGHTS

Variant	Vehicle weight from ¹	Gross Vehicle Weight (GVW) ²	Gross Train Weight ³ (off-road)
Diesel	2710 kg 5975 lbs	3200 kg 7055 lbs	6700 kg (4200 kg) 14771 lbs (9259 lbs)
Petrol	2590 kg 5710 lbs	3200 kg 7055 lbs	6700 kg (4200 kg) 14771 lbs (9259 lbs)

¹ Including full fuel tank.

² The maximum permissible weight of the vehicle including passengers and load.

³ The maximum permissible weight of the vehicle and braked trailer including their respective loads.

Variant	Maximum front axle load ¹	Maximum rear axle load ¹	Maximum roof rack load ² (off-road)
All vehicles	1530 kg 3373 lbs	1850 kg 4079 lbs	100 kg (50 kg) 220 lbs (110 lbs)

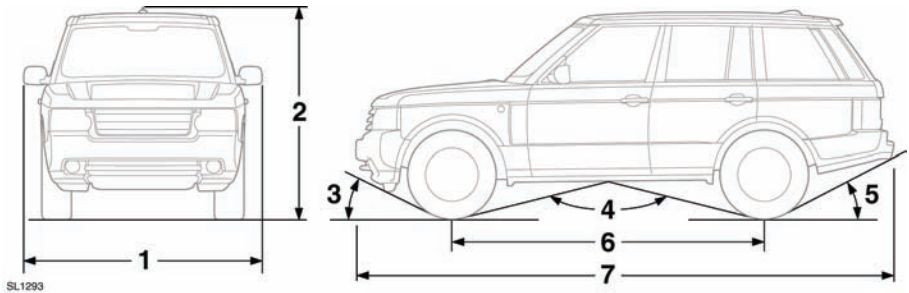
¹ The front and rear axle maximum loads can not be reached simultaneously as this will exceed the GVW limit.

² This figure includes the weight of the roof rack.

WHEEL ALIGNMENT

Variant	Front toe	Rear toe
Diesel	0° 9' ± 0° 12'	0° 12' ± 0° 12'
NA Petrol	0°	0° 18' ± 0° 12'
SC Petrol	0° 9' ± 0° 12'	0° 12' ± 0° 12'

DIMENSIONS



Item	Description	mm (inches)	Degrees
1	Width (including mirrors)	2216 (87.2)	-
2	Overall height - standard setting	1878 (73.9)	-
3	Approach angle (at EEC kerb weight)	Standard setting Off-road setting	29° 34°
4	Ramp breakover angle (at EEC kerb weight)	Standard setting Off-road setting	131° 120°
5	Departure angle without tow hitch (at EEC kerb weight plus full size spare tyre)	Standard setting Off-road setting	24.2° 26.6°
5	Departure angle with adjustable tow hitch (at EEC kerb weight)	Standard setting Off-road setting	13.6° 16.0°
5	Departure angle with fixed height tow hitch (at EEC kerb weight)	Standard setting Off-road setting	15.2° 17.4°
6	Wheelbase	2885 (113.6)	-
7	Overall length	4838 (190.5)	-
-	Track - front	1605 (63.2)	-
-	Track - rear	1612.5 (63.5)	-
-	Wading depth	700 (27.6)	-
-	Minimum ground clearance at off-road setting	283 (11.1)	-
-	Turning circle (kerb to kerb)	12m (39.4ft)	-
-	Brake pedal free travel	No adjustable free travel	

BULB SPECIFICATION CHART



Before attempting to replace a bulb, ensure that both the affected lamp and the vehicle's ignition, are turned off. If the circuit remains live, a short circuit can occur which may damage the vehicle's electrical system.

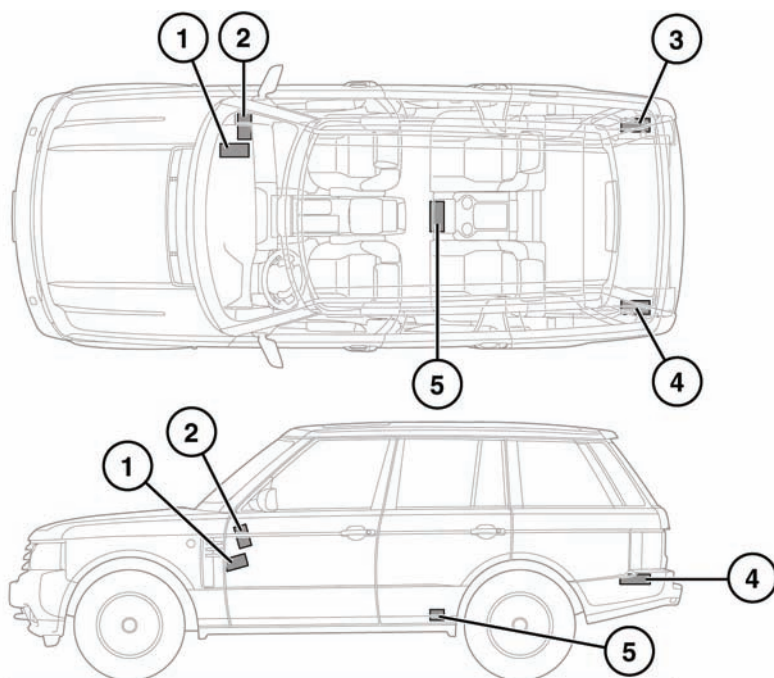
Note: LED bulbs can be replaced only by a Land Rover Dealer/Authorised Repairer.

Lamp	Specification	Power (Watts)
Halogen headlamp	H7	55
Xenon headlamp (low and high beam)	D3S	55
Static bending lamps	LED	-
Front side repeater lamps	W5W	5
Front direction indicators	LED	-
Rear direction indicators	LED	-
Front fog lamps	H11	55
Reverse lamps	H6	6
Rear fog lamps	LED	-
Stop/tail lamps	LED	-
Number plate lamps	W5W	5
Puddle lamps	W5W	5
All Interior lamps	W6W	6
Glove box lamp	W5W	5
Vanity mirror lamp		1.2

WHEELS AND TYRES

Wheel size	Tyre size	Load Index
8.0J x 19	255/55 R19 V - All terrain tyre	111
8.0J x 19	255/65 R19H Goodyear Ultra Grip - winter tyre	111
8.5J x 20	255/50 R20 Y - All terrain and all terrain sport tyre	109
8.5J x 20	255/50 R20H Continental Cross Contact Winter	109
5.5 x 19	T175/80 R19 M - Temporary spare tyre	122

SMART KEY SYSTEM TRANSMITTERS



SL1193

1. Keyless start module.
2. Cabin front transmitter.
3. Right-hand side loadspace transmitter.
4. Left-hand side loadspace transmitter.
5. Cabin rear transmitter.



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