

ENGINE DATA

| | 2.7 Diesel | 3.0 Diesel | V6 Petrol | V8 Petrol |
|---------------------|-----------------------|-----------------------|----------------------|-----------------------|
| Capacity | 2 720 cm ³ | 2 993 cm ³ | 3999 cm ³ | 5 000 cm ³ |
| Firing order | 1-4-2-5-3-6 | 1-4-2-5-3-6 | 1-4-2-5-3-6 | 1-5-4-2-6-3-7-8 |
| Bore | 81.0 mm | 84.0 mm | 100.4 mm | 92.5 mm |
| Stroke | 88.0 mm | 90.0 mm | 84.4 mm | 93.0 mm |
| Number of cylinders | 6 | 6 | 6 | 8 |
| Compression ratio | 17.3:1 | 16:1 | 9.7:1 | 11.5:1 |

LUBRICANTS AND FLUIDS

| Part | Variant | Specification |
|------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Engine oil | Diesel vehicles | SAE 5W-30 meeting specification WSS-M2C934-B only. If unavailable, oil meeting specification ACEA:C2 can be used. |
| | V6 Petrol vehicles | SAE 5W-30 meeting specification WSS-M2C913-C only. If unavailable, oil meeting specification ACEA:A3/B3 can be used. |
| | V8 petrol vehicles | SAE 5W-20 meeting specification WSS-M2C925-A only. |
| Main gearbox oil | Manual transmission | Castrol MTF BOT338 |
| Main gearbox oil | Automatic transmission | Shell ATF M1375.4 |
| Transfer gearbox oil | All vehicles | Shell TF 0753 |
| Front differential oil | All vehicles | SAF XO |
| Rear differential oil | Non-locking | SAF XO |
| Rear differential oil | Electronic Locking | Castrol SAF Carbon Mod Plus |
| Power steering fluid | All vehicles | Texaco Cold Climate PAS fluid |
| Brake fluid | All vehicles | Shell DOT4 ESL. If unavailable, a low viscosity DOT4 brake fluid that meets ISO 4925 class 6 and Land Rover LRES22BF03 requirements may be used. |
| Screen washer | All vehicles | Screen wash with frost protection |
| Coolant | All vehicles | 50% mixture of Castrol SF antifreeze and water. |

CAPACITIES

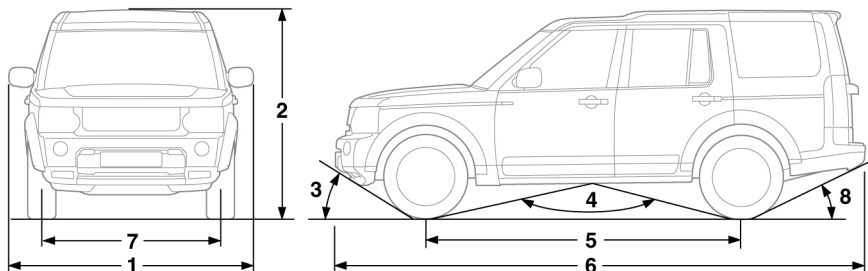
| Item | Variant | Capacity |
|-------------------------------------|--------------------------|--------------------------|
| Fuel tank (usable) | Diesel | 82 litres (18 gallons) |
| | Petrol | 86 litres (19 gallons) |
| Engine oil refill and filter change | Diesel | 5.7 litres (10 pints) |
| | V8 Petrol | 8.0 litres (14 pints) |
| | V6 Petrol | 5.2 litres (9.1 pints) |
| Manual gearbox | All vehicles | 1.6 litres (2.8 pints) |
| Automatic gearbox | All vehicles | Filled for life |
| Transfer box | All vehicles | 1.5 litres (2.64 pints) |
| Front differential - wet fill | All vehicles | 0.56 litres (1 pints) |
| Rear differential | Non-locking | 1.1 litres (2 pints) |
| Rear differential | Electronic locking | 1.6 litres (2.8 pints) |
| Washer reservoir | 3.0 Diesel and V8 Petrol | 5.6 litres (9.8 pints) |
| | 2.7 Diesel and V6 Petrol | 6.3 litres (11 pints) |
| Cooling system (refill) | 2.7 Diesel | 16.7 litres (29.4 pints) |
| | 3.0 Diesel | 11.5 litres (20.2 pints) |
| | V8 Petrol | 17 litres (30 pints) |
| | V6 Petrol | 10.8 litres (19 pints) |

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

| | Metric (kg) | Imperial (lb) |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------------|
| EC kerb weights from (including full fuel tank): | | |
| 4.0 Petrol | 2 396 | 5 282 |
| 5.0 Petrol | 2 548 | 5 617 |
| 2.7 Diesel (5-seat) | 2 476 | 5 459 |
| 2.7 Diesel (7-seat) | 2 546 | 5 613 |
| 3.0 Diesel | 2 583 | 5 695 |
| Maximum Gross Vehicle Weight (GVW)¹: | | |
| 2.7 Diesel (5-seat, coil suspension) | 3 180 | 7 011 |
| All other vehicles | 3 240 | 7 143 |
| Gross Train Weight²: | | |
| 2.7 Diesel (coil suspension) | 6 680 | 14 727 |
| All other vehicles | 6 740 | 14 859 |
| Maximum front axle load³: | | |
| All vehicles | 1 450 | 3 197 |
| Maximum rear axle load³: | | |
| 2.7 Diesel (5-seat, coil suspension) | 1 840 | 4 057 |
| All other vehicles | 1 855 | 4 090 |
| Maximum roof rack load⁴ | | |
| All vehicles | 75 | 165 |
| <p>¹ The maximum permissible weight of the vehicle including passengers and load.</p> <p>² The maximum permissible weight of the vehicle and braked trailer including their respective loads.</p> <p>³ Axle weights are non-additive. The individual maximum axle weights and Gross Vehicle Weight must not be exceeded.</p> <p>⁴ This figure includes the weight of the roof rack.</p> | | |

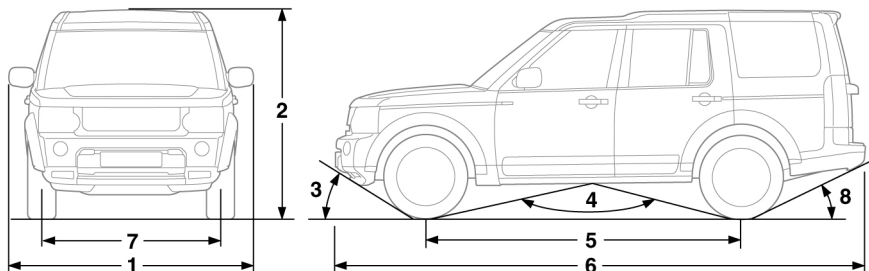
DIMENSIONS - COIL SUSPENSION VEHICLES



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| Item | Description | mm (inches) | Degrees |
|------|---------------------------------------------------------------------------------------------------------|-----------------|---------|
| 1 | Width (including mirrors) | 2176 (85.7) | - |
| 2 | Overall height | 1887 (74.3) | - |
| 3 | Approach angle (at EEC kerb weight and off-road height) | - | 31.5° |
| 4 | Ramp breakover angle (at EEC kerb weight and off-road height) | - | 135.4° |
| 5 | Wheelbase | 2885 (113.6) | - |
| 6 | Overall length | 4838 (190.5) | - |
| 7 | Track - front | 1605 (63.2) | - |
| | Track - rear | 1612.5 (63.5) | - |
| 8 | Departure angle without tow hitch (at EEC kerb weight plus full size spare tyre and at off-road height) | - | 24.9° |
| - | Departure angle with fixed height tow hitch (at EEC kerb weight) | - | 15.7° |
| - | Wading depth | 600 (23.6) | - |
| - | Minimum ground clearance | 185 (7.3) | 18.5° |
| - | Turning circle (kerb to kerb) | 11.45m (37.5ft) | - |
| - | Maximum gradient (nose up/down - continuous operation) | - | 35° |
| - | Maximum gradient (nose up/down - drive through) | - | 45° |

DIMENSIONS - AIR SUSPENSION VEHICLES



SL1110

| Item | Description | mm (inches) | Degrees |
|------|---------------------------------------------------------------------------------------------------------|-----------------|---------|
| 1 | Width (including mirrors) | 2176 (85.7) | - |
| 2 | Overall height: | | - |
| | Access height | 1837 (72.3) | - |
| | Standard height | 1887 (74.3) | - |
| | Standard height with roof rails | 1891 (74.4) | - |
| | Off road height | 1942 (76.5) | - |
| 3 | Approach angle (at EEC kerb weight and off-road height) | - | 36.2° |
| 4 | Ramp breakover angle (at EEC kerb weight and off-road height) | - | 125.4° |
| 5 | Wheelbase | 2885 (113.6) | - |
| 6 | Overall length | 4838 (190.5) | - |
| 7 | Track - front | 1605 (63.2) | - |
| | Track - rear | 1612.5 (63.5) | - |
| 8 | Departure angle without tow hitch (at EEC kerb weight plus full size spare tyre and at off road height) | - | 28.1° |
| | Departure angle with fixed height tow hitch (at EEC kerb weight) - Standard ride height | - | 15.7° |
| | Departure angle with fixed height tow hitch (at EEC kerb weight) - Off road height | - | 18.5° |
| - | Turning circle (kerb to kerb) | 11.45m (37.5ft) | - |

| Item | Description | mm (inches) | Degrees |
|------|--------------------------------------------------------|-------------|---------|
| - | Maximum wading depth - Standard height | 600 (24) | - |
| - | Maximum wading depth - Off road height | 700 (28) | - |
| - | Minimum ground clearance (standard height) | 185 (7.3) | - |
| - | Minimum ground clearance (off-road height) | 240 (9.4) | - |
| - | Maximum gradient, nose up / down, continuous operation | - | 35° |
| - | Maximum gradient, nose up / down, drive through | - | 45° |

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.

| Lamp | Specification | Power (Watts) |
|--------------------------------------|---------------|---------------|
| Halogen headlamp (low and high beam) | H7 | 55 |
| Xenon headlamp (low and high beam) | D35 | 35 |
| Cornering lamps | H8 | 35 |
| Front side lamps | W3W | 3 |
| Front direction indicators | PY24W | 24 |
| Front fog lamps | H11 | 55 |
| Side repeater lamps | WY5W | 5 |
| Reverse lamps | P21W | 21 |
| Rear fog lamps | P21W | 21 |
| License plate lamps | W5W | 5 |
| Puddle lamps | W5W | 5 |
| Interior lamps | W5W | 5 |

WHEELS AND TYRES

| Wheel size | Tyre size | Load Index |
|------------|--------------------------------------|------------|
| 5.5J x 19 | T175/80 R19 M (Temporary spare) | 122 |
| 7.0J x 17 | 235/70 R17 H | 111 |
| 8.0J x 18 | 235/60 R18 V | 112 |
| 8.0J x 19 | 255/50 R19 Y Durable spare | 107 |
| 9.0J x 19 | 255/50 R19 Y | 107 |
| 9.0J x 19 | 225/50 R19 V Gulf and Brazil only | 107 |
| 8.5J x 20 | 255/50 R20 Y | 109 |

WHEEL ALIGNMENT DATA (CHINA)

| | |
|-------------------------|----------------|
| Wheel alignment - front | +0.16° ± 0.2° |
| Wheel alignment - rear | 0.24° ± 0.14° |
| Camber - front left | -0.15° ± 0.75° |
| Camber - front right | -0.5° ± 0.75° |
| Camber - rear left | -0.75° ± 0.75° |
| Camber - rear right | -0.75° ± 0.75° |
| Castor - front left | 3.86° ± 0.75° |
| Castor - front right | 4.17° ± 0.75° |

PEDAL TRAVEL (CHINA)

Both the brake and clutch pedal travel are set at the factory and are non-adjustable.

ACCESSORY WHEELS AND TYRES



1 _____ 2 _____

3 _____

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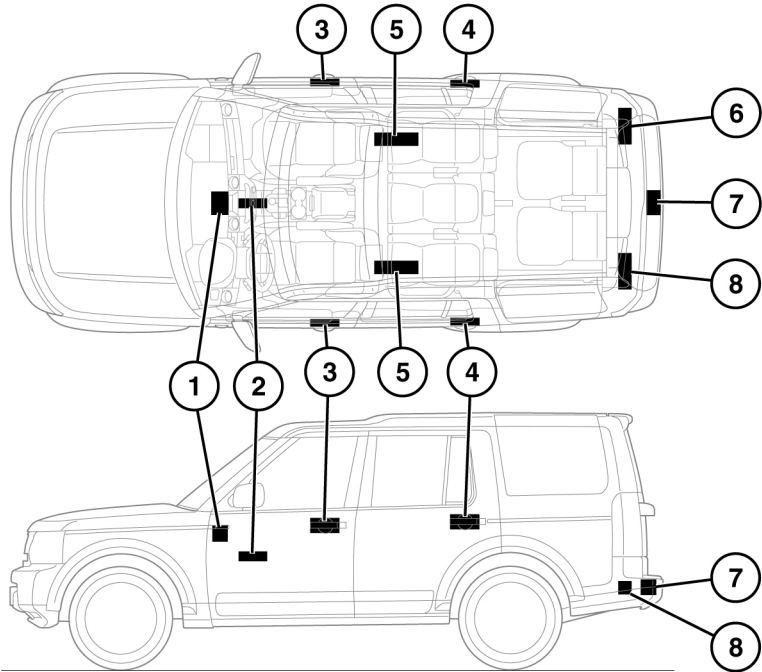
Note: Use the diagram above to record accessory wheel and tyre information.

1. Front tyre pressure.
2. Rear tyre pressure.
3. Wheel and tyre information (size, speed rating, etc.).



Contact your Land Rover dealer before fitting any accessory wheels and tyres.

SMART KEY SYSTEM TRANSMITTERS



SL1313

1. Cabin front transmitter.
2. Keyless start module.
3. Front exterior door handle transmitters.
4. Rear exterior door handle transmitters.
5. Cabin headlining transmitter.
6. Right-hand side loadspace transmitter.
7. Luggage compartment.
8. Left-hand side loadspace 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.