## TOWING A TRAILER

**WARNINGS**

Never exceed the maximum weights for either the vehicle or trailer. Doing so can cause accelerated wear and damage to the vehicle. It can also adversely affect vehicle stability and braking, which in turn can lead to loss of control and increased braking distance resulting in a rollover or crash.

To preserve handling and stability, only fit Land Rover approved towing accessories.

Never use towing eyes or lashing points to tow a trailer. They have not been designed for this purpose and doing so may cause them to fail resulting in injury or death.

When towing, do not exceed 100 km/h (60 mph), or 80 km/h (50 mph) if the temporary spare wheel is in use.

The nose weight, plus the combined weight of the vehicle's load carrying area and rear seat passengers, must never exceed the specified maximum rear axle load. Exceeding allowable vehicle and axle loads will increase the risk of tyre and suspension failure, increase vehicle brake stopping distance and adversely affect vehicle handling and stability. This may result in a crash or rollover.

**CAUTIONS**

An equalising or other form of weight distributing hitch should not be used with your vehicle.

To avoid excessive clutch wear at low speeds, use low range on manual transmission vehicles when manoeuvring heavy trailers or performing hill starts.

When preparing your vehicle for towing, pay attention to any instructions provided by the trailer manufacturer.

***Note:*** *It is the driver's responsibility to ensure that the towing vehicle and trailer are being used correctly in accordance with manufacturer's recommendations and any applicable legislation.*

The trailer warning indicator lamp illuminates as a bulb check when the ignition is turned on and extinguishes when the engine is started.

If the lamp does not flash with the direction indicators, the trailer bulb may be faulty.

### Trailer socket

Only connect approved electrical circuits, which are in good condition, to the appropriate vehicle socket. Connecting incorrect or faulty circuits may seriously damage the vehicle's electrical circuits.

The vehicle's electrical system is configured to support all towing requirements and the electrical socket fitted will comply with legal requirements for the specific territory.

***Note:*** *Rear parking sensors are automatically disabled when a trailer electrical connection is made.*

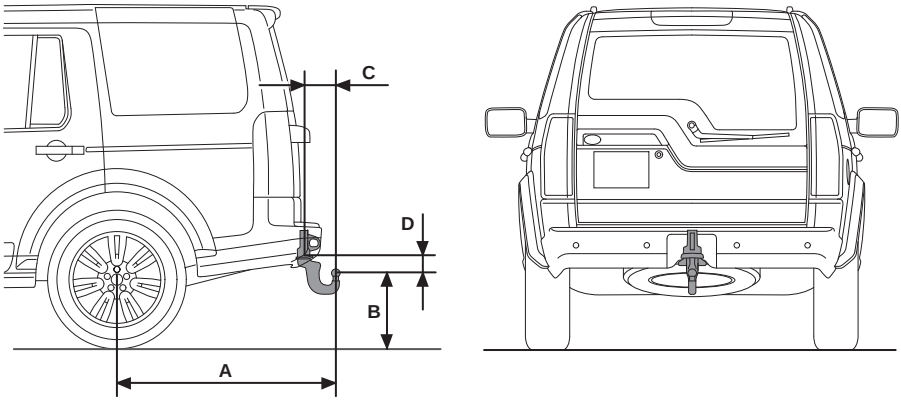
### Diesel engine vehicles

The diesel engine management system incorporates sensors to determine optimum performance. It is also designed to protect the engine when arduous conditions are encountered during towing. When ambient temperature exceeds 40°C (104°F) the engine coolant may increase above normal operating level. If this occurs, the management system will initiate a series of actions to restore normal operating condition. The actions may include;

- A message centre message;
- Engine performance reduction
- Air conditioning system cycling. The system temperature output will fluctuate between hot and cold in order to dissipate engine heat. If engine overheating persists the air conditioning will move to continuous heat output.

  It is advisable to bring the vehicle and trailer to a convenient stop and allow the engine to idle until normal operating temperature is restored. Do not turn off the engine.

## Fixed - tow ball




LAN2385

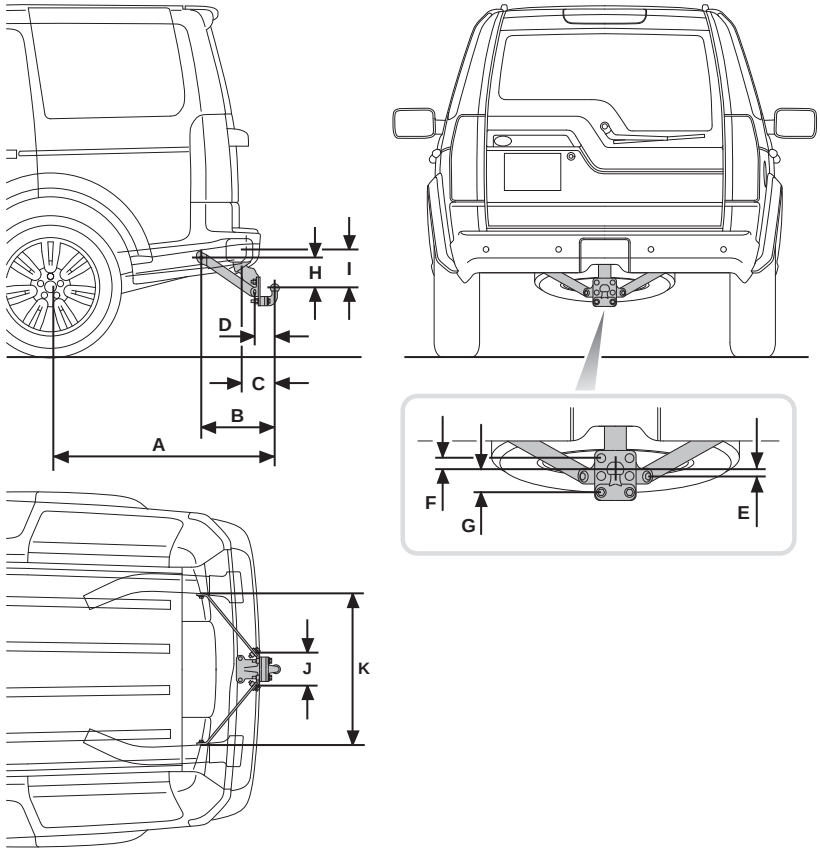
## Tow ball dimensions

| Ref. | Dimension | Metric | Imperial |
|---|---|---|---|
| A | Wheel centre to centre of tow ball | 1,190 mm | 46.9 in. |
| B | Ground to centre of tow ball | 409 mm | 16.1 in. |
| C | Centre of tow ball to tow bar attachment | 170 mm | 6.7 in. |
| D | Centre of tow ball to tow bar attachment | 124 mm | 4.9 in. |

***Note:***

*Dimensions refer to towing equipment officially released by Land Rover.*

### Multi-height drop plate - tow bar




### Tow ball dimensions

| Ref. | Dimension | Metric | Imperial |
|---|---|---|---|
| A | Wheel centre to centre of tow ball (horizontal) | 1,210 mm | 47.64 in. |
| B | Centre of outer attachment points to centre of tow ball (horizontal) | 403.6 mm | 15.89 in. |
| C | Centre line of housing bayonet slot tip radius to centre of tow ball (horizontal) | 192.4 mm | 7.57 in. |
| D | Centre of inner attachment points to centre of tow ball (horizontal) | 108 mm | 4.25 in. |