

2016.0 RANGE ROVER (LG), 100-02

JACKING AND LIFTING

DESCRIPTION AND OPERATION

GENERAL

WARNING:

The following instructions must be adhered to before raising the vehicle off the ground:

- Position vehicle on a solid, level surface.
- Apply the parking brake.
- Select 'P' - PARK on automatic transmission selector.
- Select 'N' - Neutral on manual transmission.

WARNING:

If the drive shaft(s) are to be disconnected, it will be necessary to raise all four wheels off the ground in order that the shaft(s) can be rotated. DO NOT use the customer jack and ensure that the vehicle is adequately supported on axle stands. With the vehicle raised, it will be necessary to release the park brake and select Neutral - 'N' in the main transmission to enable the drive shaft(s) to be rotated.

CAUTIONS:

- To avoid damage to the underbody components of the vehicle, the following instructions must be adhered to:
- Do not position jacks or axle stands under the following components:

- Body structure other than any approved jacking or lifting points
- Rear subframe
- Bumpers
- Fuel lines
- Fuel tank
- Brake lines
- Front or rear suspension arms
- Steering linkage
- Rear differential unit damper
- Transmission
- Engine oil pan - See note below

NOTE:

For certain repair operations, it may be necessary to support the engine under the oil pan. In this case, a block of hardwood or a rubber pad must be positioned on the jack lifting pad to protect the oil pan.

VEHICLE JACK

The jack provided with the vehicle is only intended for use in an emergency

such as changing a tire. DO NOT use the jack for any other purpose. Refer to the Owner's Handbook for the vehicle jack location points and jacking procedures.

WARNING:

Never work under a vehicle supported solely by the vehicle jack.

HYDRAULIC JACK

WARNINGS:

- Before commencing work on underside of vehicle, make sure that axle stands are correctly positioned and vehicle is securely supported.
- Always chock the rear wheels when jacking the front of the vehicle.

A hydraulic jack with a minimum lifting capacity of 2000 kg, (4,410 lbs) must be used.

RAISING AND SUPPORTING THE VEHICLE

WARNINGS:

- Always chock the rear wheels when jacking the front of the vehicle.
- Always chock the front wheels when jacking the rear of the vehicle.
- Before commencing work on underside of vehicle, make sure that axle stands are correctly positioned and vehicle is securely supported.

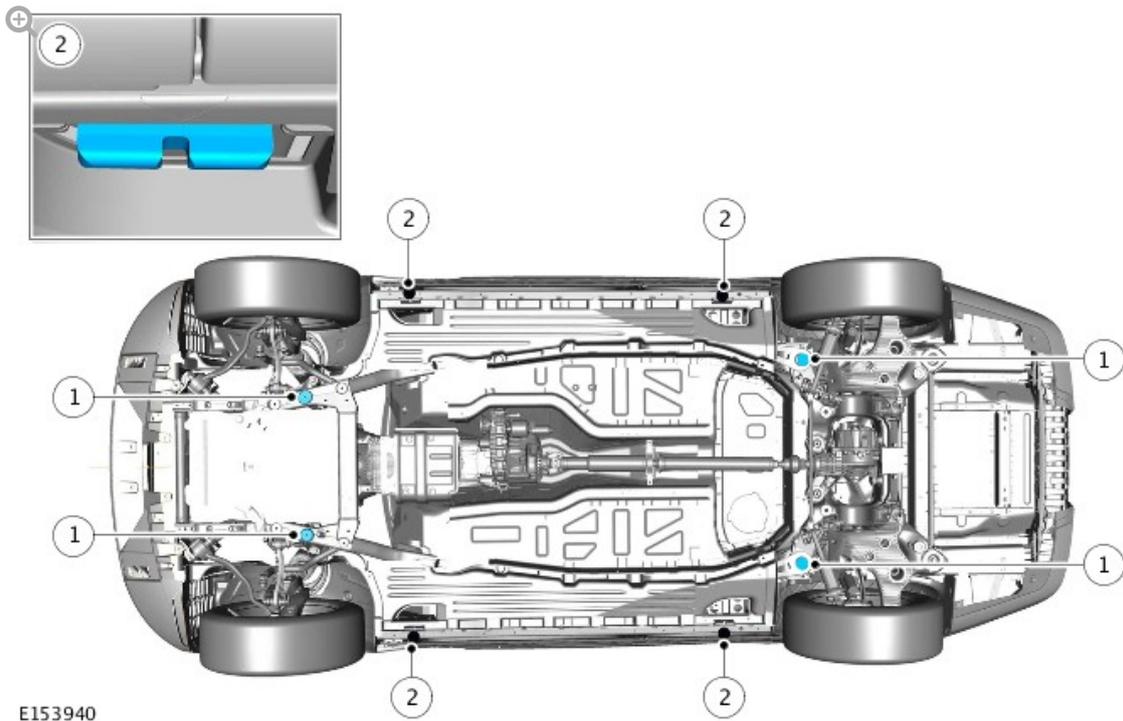
CAUTION:

Position suitable material between axle stands and the sill to prevent damage.

To assist in raising the vehicle, use the customer jacking points on the sill (2) or on the trolley jack position (1) as indicated in the following illustrations.

to gain access to the front subframe points, the engine undershield must be removed.

For additional information, refer to: [Engine Undershield](#) (501-02 Front End Body Panels, Removal and Installation).



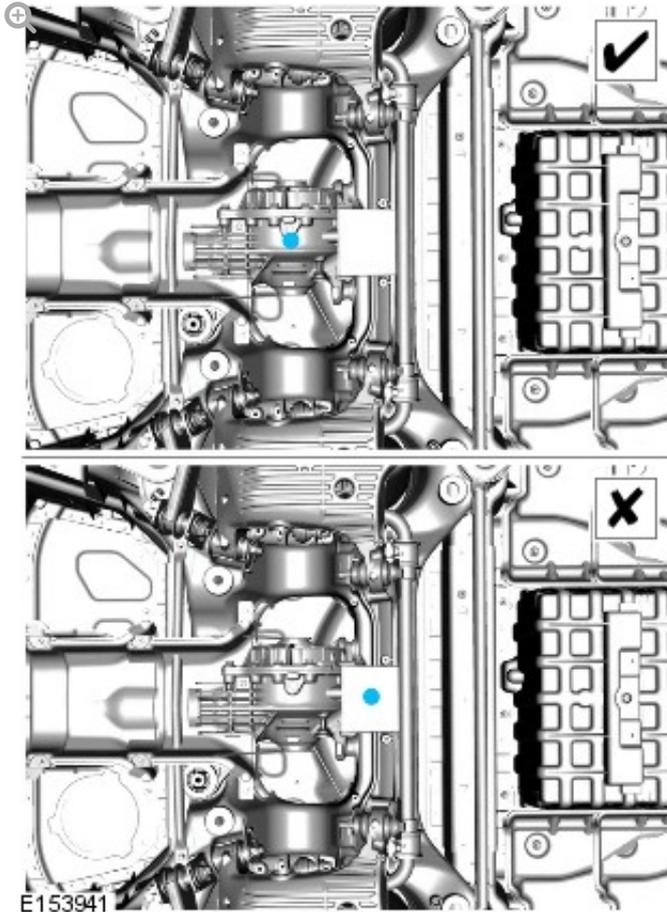
ITEM	DESCRIPTION
1	Axle stand positioning point
2	Jacking point

Position lifting pad of hydraulic jack beneath the jacking point (position 2).

With vehicle at desired height, carefully lower jack until vehicle rests on axle stand positioning point (position 1).

Reverse procedure when removing vehicle from the axle stands.

REAR DIFFERENTIAL CASE JACKING



CAUTION:

Do not jack on the differential case damper.

Make sure, if the vehicle is required to be jacked at the rear, that the hydraulic jack (with suitable block of hardwood) is positioned correctly as illustrated.

