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2020.0 DEFENDER (LE), 100-02

JACKING AND LIFTING (G2323304)

DESCRIPTION AND OPERATION

PRELIMINARY ADVICE

WARNING:

Make sure that the vehicle is stable before completing any work.

CAUTION:

Make sure the deployable side steps are set to 'Roof Access' mode (if equipped). Do not jack or lift on the side step mount brackets.

NOTES:

- There is some variation in the illustrations depending on the vehicle specification, but the essential information is always correct.
- Vehicles equipped with air suspension must be set to 'off-road' height when lifted. Return the vehicle to 'normal ride height' when the vehicle is removed from the lift.

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

- Position the vehicle on a solid, level surface.
- Apply the Electric Park Brake (EPB).
- Select Park '**P**' with the Transmission Control Switch (TCS).

JACKING

VEHICLE JACK

WARNING:

Do not work under a vehicle supported only by the vehicle jack, make sure the vehicle is supported with axle stands.

The jack provided with the vehicle is only intended for use in an emergency such as installing the spare wheel at the roadside. **DO NOT** use the jack for any other purpose. Refer to the Owner's Handbook for the vehicle jack location points and jacking procedures.

HYDRAULIC JACK

WARNING:

Make sure that the axle stands are correctly positioned and the vehicle is stable before completing any work.

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

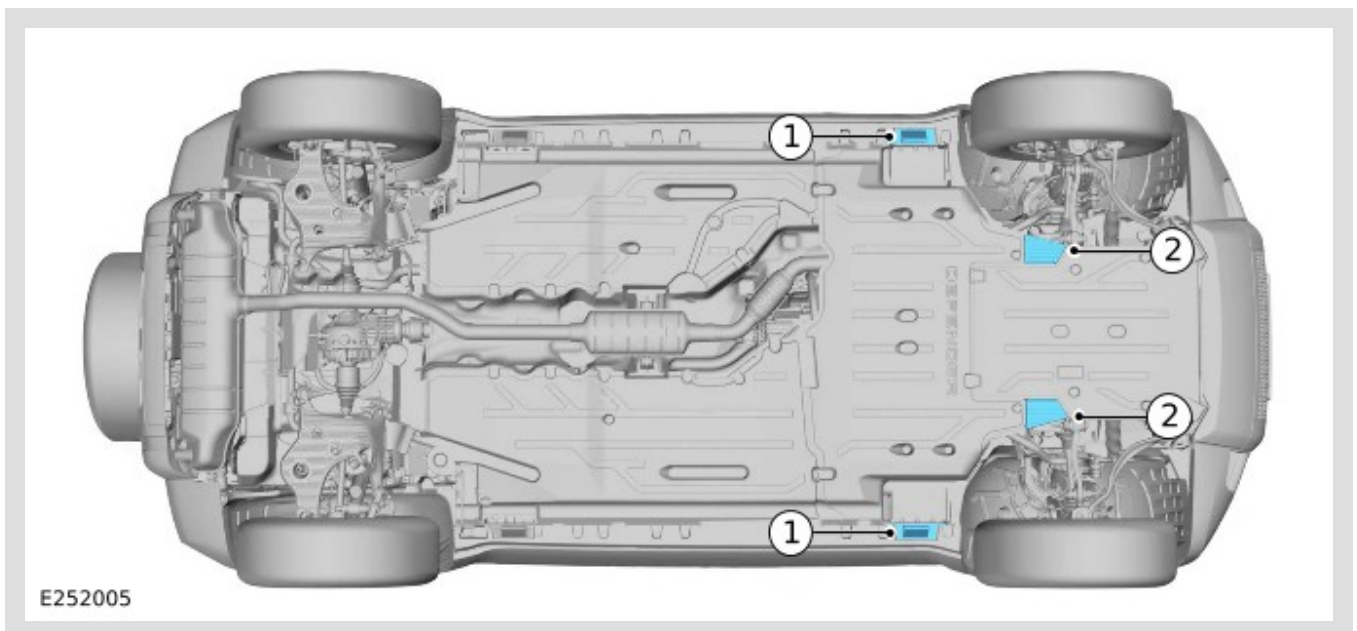
FRONT END JACKING

WARNING:

Always chock the rear wheels when jacking the front of the vehicle.

CAUTION:

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



ITEM	DESCRIPTION
1	Sill jacking point
2	Front subframe jacking point

To raise the vehicle, jack on the sill jacking points (1).

Position axle stands under the front subframe jacking points (2).

With the vehicle at the desired height, carefully lower the jack until the vehicle rests on the axle stand (2).

Reverse the procedure when removing the vehicle from the axle stands.

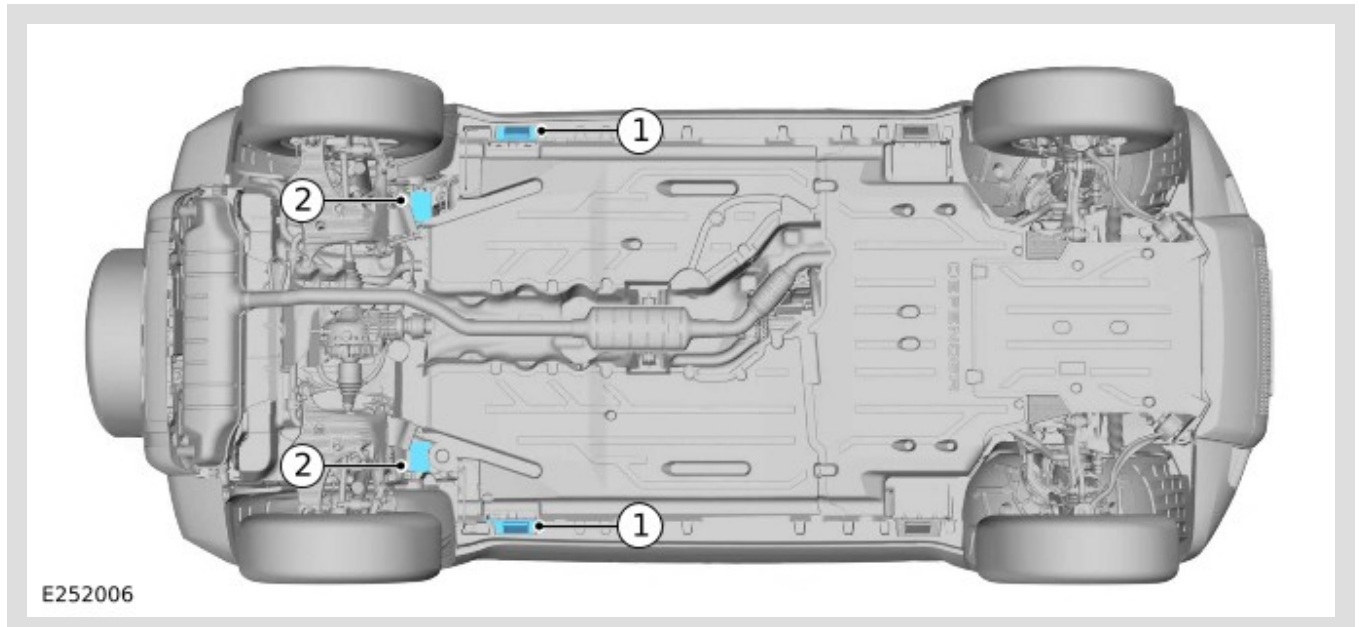
REAR END JACKING

WARNING:

Always chock the front wheels when jacking the rear of the vehicle.

CAUTION:

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



ITEM	DESCRIPTION
1	Sill jacking point
2	Rear subframe jacking point

To raise the vehicle, jack on the sill jacking points (1).

Position axle stands under the rear subframe(2).

With the vehicle at the desired height, carefully lower the jack until the vehicle rests on the axle stand (2).

Reverse the procedure when removing the vehicle from the axle stands.

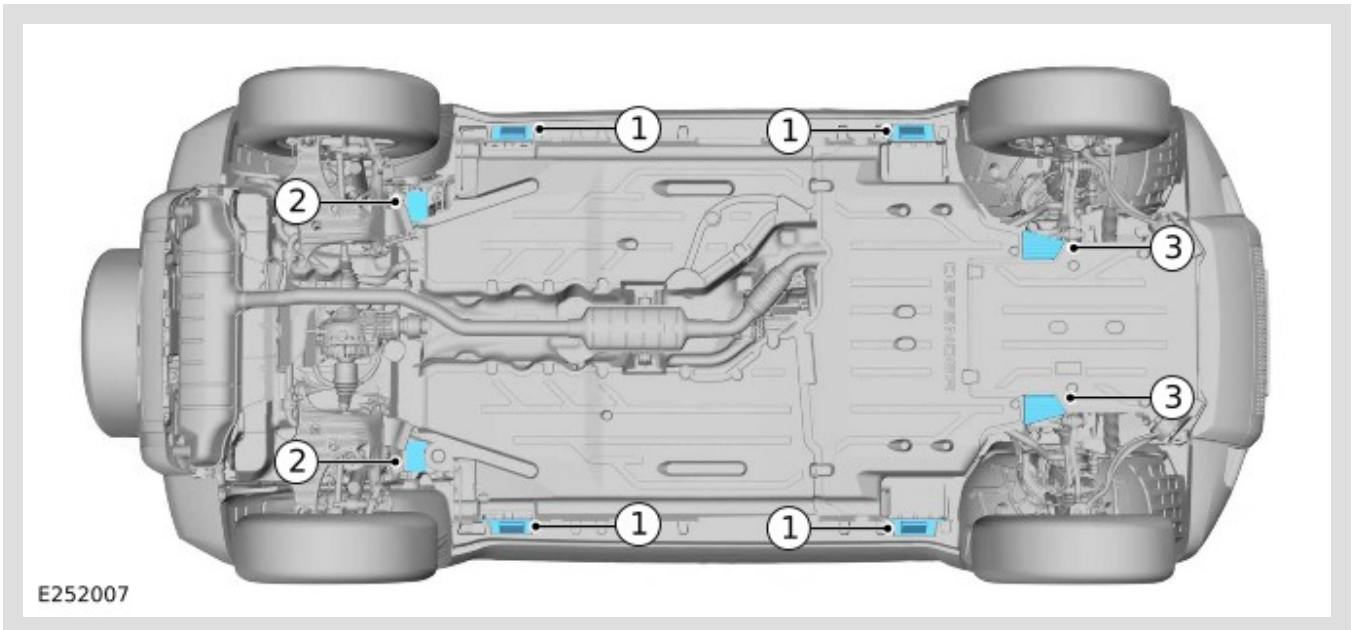
RAISING AND SUPPORTING THE VEHICLE

WARNINGS:

- When jacking the front end first:
 - Chock the rear wheels.
- When jacking the rear end first:
 - Chock the front wheels.

⚠ CAUTION:

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



ITEM	DESCRIPTION
1	Sill jacking point
2	Rear subframe jacking point
3	Front subframe jacking point

To raise the vehicle, jack on the sill jacking points (1).

Position axle stands under the rear subframe (2) or the front subframe jacking points (3).

With the vehicle at the desired height, carefully lower the jack until the vehicle rests on the axle stand (2) and (3).

Reverse the procedure when removing the vehicle from the axle stands.

LIFTING

4 POST LIFT

Vehicle On Wheels

⚠ WARNING:

If the driveshaft(s)/halfshaft(s) require disconnecting, the vehicle must be lifted wheel free.
Do not move the vehicle forward and backward on the 4 post lift to access the fixings.

Position the vehicle on the lift with the front and rear of the vehicle at an equal distance from each end of the ramp.

Chock the wheels and engage the emergency park release lever, apply the EPB.

4 POST LIFT

Wheel Free

WARNING:

The vehicle cannot be safely supported in a wheel free condition with longitudinal rails on a 4 post lift, under no circumstances must this method be used.

Transverse hydraulic jacks may be used on a 4 post lift to raise and support the vehicle.

Longitudinal rails **MUST NOT** be used under any circumstance to raise and support the vehicle.

Where available, a 2 post lift is more suitable and should be used if the vehicle is required to be wheel free.

2 POST LIFT

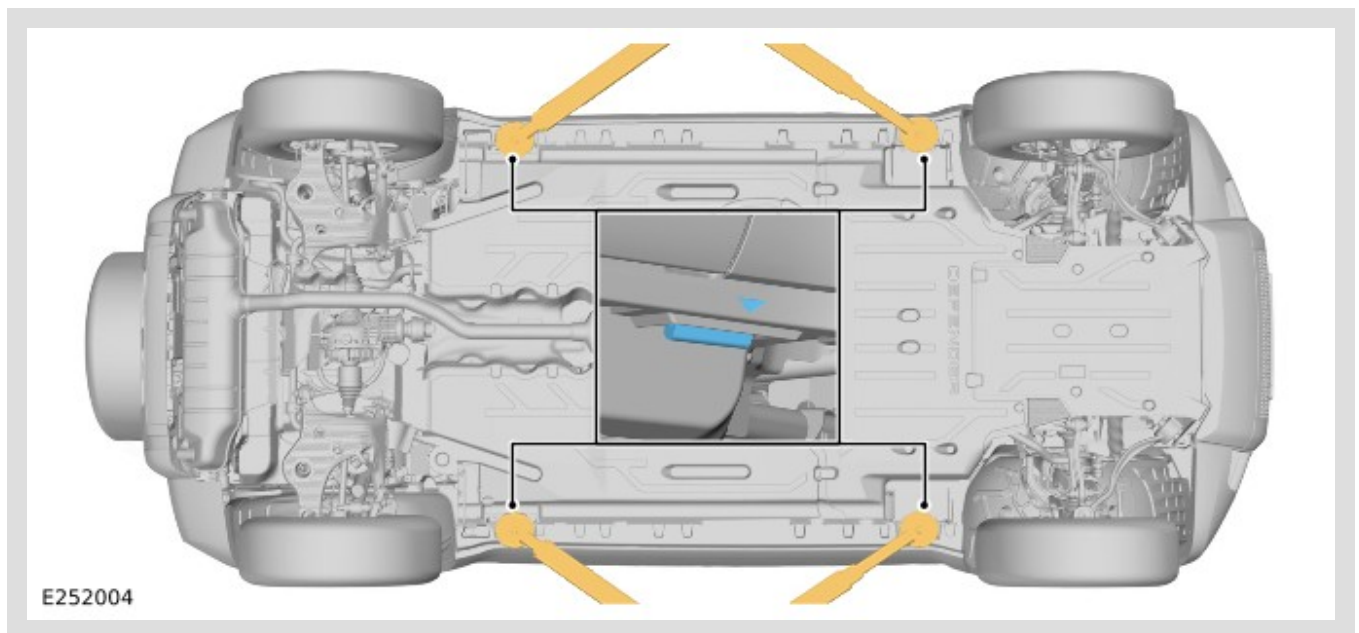
CAUTION:

Place a suitable material between the lift pad and the jacking point to avoid damage to the vehicle.

If the driveshaft(s)/halfshaft(s) require disconnecting, all 4 wheels must be raised off the ground to allow rotation.

With the vehicle raised, it will be necessary to release the EPB.

- Engage the emergency park release lever.



1. Position the vehicle with the center of the lift pillars aligned approximately with the front of the front row seat base cushions.

2. Extend the lifting arms and position the pad under the sill jacking points.
3. Raise the vehicle until the wheels are off the ground and check that the pads of each lifting arm are still correctly positioned.
4. Raise the vehicle to the desired height.
5. Make sure that the vehicle is correctly supported on the lifting pads, that the pads are correctly positioned and are in full contact with the jacking point.

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