

XLIFTER

Calibration

(quick guide)

The XLifter must be calibrated before the first use.

1. Move the vehicle on a flat surface.

- Park the car on a flat surface. Avoid having any wheel in a pothole or on a bump. All wheels should be at the same height from the ground.
- You can verify the vehicle pitch and roll angles with any bubble level. The XLifter will always self-level the car into this position.

2. Set LR “Normal” height and enable the suspension’s ± 3 mm tight-tolerance mode.

- Start the engine (if not started already)
- Set the suspension to normal height.
- Open the driver door.
- Press the brake pedal lightly 3 times in quick succession.
- Close the driver door within 10 seconds of the first brake pedal press. If the procedure is successful, the vehicle emits two soft chimes about 1 second after the driver door is closed.
- Wait about 1 minute for the vehicle to fine-adjust its height.

3. Access the calibration menu.

- Check that the XLifter program is set to Disengaged (+0 mm).
- Press the ► key to access the main menu. Use ▲▼ to navigate to “Settings”, then ► to choose „Calibration“ and press ►.
- Check that the correct car type is set. For Discovery 5, also check the correct steering side. If required, select “Change car type” and change it accordingly. Refer to the user guide for more details.

4. Run the calibration.

- Select “**Start** [Cartype, SteeringSide]” by pressing ►.
- Do not shake the car (avoid abrupt movements, etc.) during calibration for best results. The tilt sensor is highly precise.
- The calibration procedure can be repeated at any time.

Notice: The XLifter needs to be re-calibrated in the following cases:



- Vehicle height calibration has been changed by Land Rover service tools / LR calibration, e.g., when the wheel arm or height sensors are changed, etc.
- The XLifter EAS unit has been physically moved (e.g., detached from the 3M fastener).

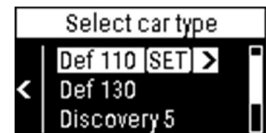
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Car Type selection

Please pay special attention to the correct car type selection. XLifter won't work if the vehicle type is set incorrectly. Various suspension errors may occur if the XLifter height is changed while the car type is set incorrectly.

1. First time settings:

- **Press ► three times** to access the **“Confirm calibration”** menu.
- Use ▲▼ to **select your specific vehicle type** and press ►.
Selected type will be marked with [SET] text. Select:
 - Defender 110 for the new L663 Defender.
 - Discovery 5 for the L462 Discovery 5.
 - RRS 2013–22 for the L495 Range Rover Sport.
 - RR 2013–22 for the L405 Range Rover.



2. Verify the correct car type setting.

- **Option a)**
 1. Leave the XLifter disengaged at +0 mm. Raise the vehicle to “Off-road” height using the original LR system.
 2. Check the XLifter shock-absorber infographic. All bars must move down, as shown in the picture — this means the car type is set correctly.
 3. If the bars do not move in the same direction (e.g., both sides move in opposite directions, or the movement forms a “cross pattern”), the setting is wrong — please correct it!
- **Option b)**
 1. Display the 4x4 info screen on the infotainment display.
 2. Keep/set the vehicle's original LR height to “Standard”. Set the XLifter to +55 mm Off-road.
 3. All wheels shown on the 4x4 infotainment display must move in the same direction (down), and the car should start to rise after a moment.
 4. If the wheels do not move in the same direction, the car type setting is wrong. Immediately set the XLifter back to +0 mm disengaged and change the car type setting accordingly.

