



To All Lamborghini Service Points
From Product Assistance
Pages 4
Subject Ground clearance adjustment
Group 147.00.11.00.05.GroundAssets.GB
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Automobili
Lamborghini S.p.A.

Subject

Ground clearance adjustment

Model

Murciélago and Murciélago Roadster

Information

New measures of the ground clearance of the car

Instructions

A) Preliminary operation

1. Take all the work precaution before going on with the following steps.
2. The car must be complete with all components: mechanics, body, interior and external whose lack might cause weight variation of the car.
3. Remind to remove from the vehicle each single item not included in the equipment that can increase the weight as luggage or any other personnel belongings.
4. Fuel tank must be full.
5. Place the vehicle on a lift.

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B) Operation

1. Check if all the tire specifications are correct (pressure, total wheel alignment – see the following template).
2. Check if the ground clearance is correct for all the **four sides** of the vehicle (see the following template and photos showing just two of the four measurement points).
3. Remember that the error margin must be the same for every axel.
4. The difference height between front and rear axles must be -11 mm .
 - a. For example: If you measure Front **152 mm**, the measure Rear must be **141 mm** without any error margin
5. If not correct, make the changes accordingly to the enclosed specifications.
6. If you need to adjust the ground clearance, you are requested to operate on the ring nuts of the spring shock absorbers.
7. The same operation you may execute in case of changing the shock absorbers.

Your Area Manager is at your full disposal for further clearing.
Best regards

Product Assistance



Ground Clearance Template:

	FRONT	REAR
HEIGHT FROM GROUND (mm) AFTER ROAD TEST FULL FUEL TANK	152 +/- 3	- 11 mm respect the measurement on anterior height
CASTER ANGLE (°)	+ 6°00' ÷ + 6°30'	/
TOE IN PER WHEEL (°)	+ 0°04' ÷ + 0°06'	+ 0°10' ÷ + 0°14'
TOE IN TOTAL* (°)	+ 0°08' ÷ + 0°12'	+ 0°20' ÷ 0°28'
CAMBER ANGLE (°)	- 0°40' ÷ - 0°50'	- 0°40' ÷ - 0°50'
TIRE PRESSURE (bar)	2,4 +- 0,1	2,4 +- 0,1

The above listed figures replace the ones reported on the Workshop Manual at Chapter 44, Characteristics and Data, Suspension Geometry Values and adjustments shims.



Front - Left



Photo1

Rear - Left

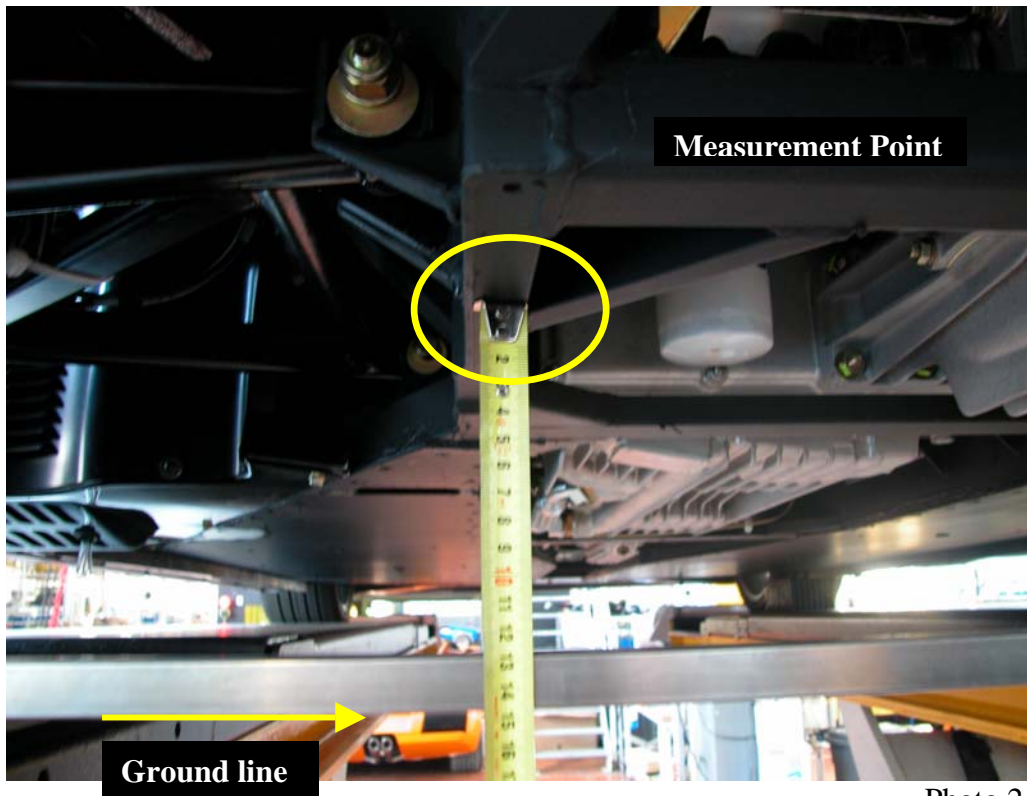


Photo 2

Pictures were made with vehicles without any fuel on tank. Please refer on template for measures, not on measures of the photos.

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