

MOUNTING GUIDELINES

LOAD WEIGHING UNITS “LUPO” OR “LUCA” WITH 2 EXTERNAL LOAD SENSORS UNDER THE CAR

1. The 2 load sensors must be fixed on two diagonal corners under the car between car frame and car floor, additional to the rubber-bonded metals.
The sensors should not be used instead of the rubber-bonded metals because they are not qualified for the complete load ($Q + F$).
2. The load sensors must always touch the car floor.
To ensure that, the load sensor must be clamped between car frame and car floor.
3. To change the height of the load sensor please use some spacers (sheet metals or something similar).
4. **FUNCTION:**
If the weight in the car increases, the distance will decrease between car frame and the car floor. Because of that increases the pressure on the load sensor and that will be evaluated from the load weighing unit.
5. **MOUNTING**
The load weighing unit should be fixed on the car roof or on another suitable place.
Afterwards connect the load sensor with its shielded cable (length = 5.5m) to the unit.
6. The measurement will be influenced from the position of the weight in the car.
We consider that in case of full load or over load the weight will be distributed evenly.
For this reason the weight must be distributed evenly in the car during measurement of full load.

Installation:

- The 2 load sensors must be fixed on two diagonal edges under the car between car frame and car floor, additional to the rubber-bonded metals.
- The load weighing unit should be fixed on the car roof or on another suitable place.

