

## MOUNTING GUIDELINES

### LOAD WEIGHING UNITS “LEO”, “LUPO” or “LUCA” WITH AN EXTERNAL LOAD SENSOR UNDER THE CAR

1. The load sensor must be fixed central under the car between car frame and car floor.
2. The load sensor must always touch the car floor.  
To ensure that, the load sensor must be clamped between car frame and car floor.
3. **INFORMATION:**  
If there are buffers between car frame and car, the load sensor must have a buffer too.  
If the car is fixed directly to the car frame (no buffers between car and car frame) you have to use a screw instead of the buffer on the load sensor.
4. To change the height of the load sensor please use some spacers (sheet metals or something similar).
5. **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.
6. **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.
7. 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 load sensor must be fixed central under the car between car frame and car floor.
- The load weighing unit should be fixed on the car roof or on another suitable place.

