

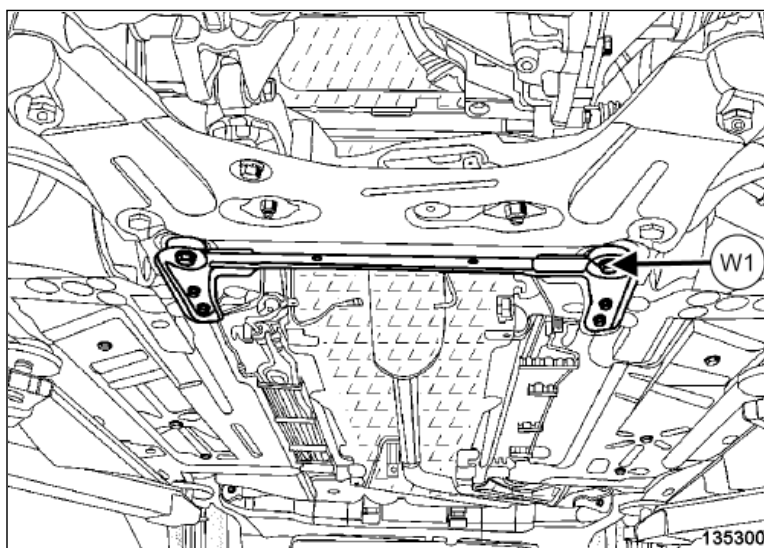
1. MEASURING POINTS

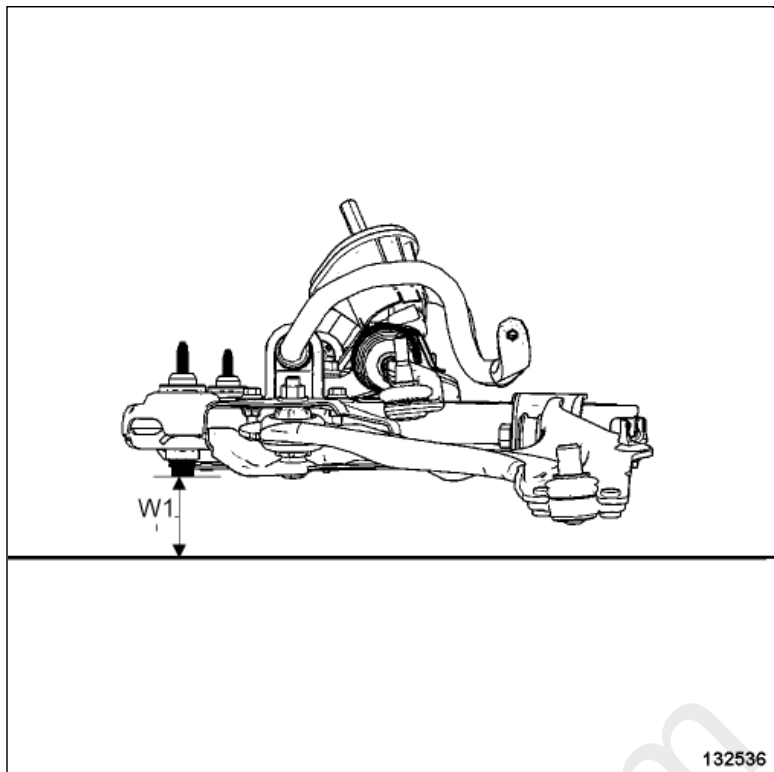


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- Radius under load:
- (R1) : Distance between the ground and the front wheel axis
 - (R2) : Distance between the ground and the rear wheel axis

1- FRONT HEIGHT (W1)

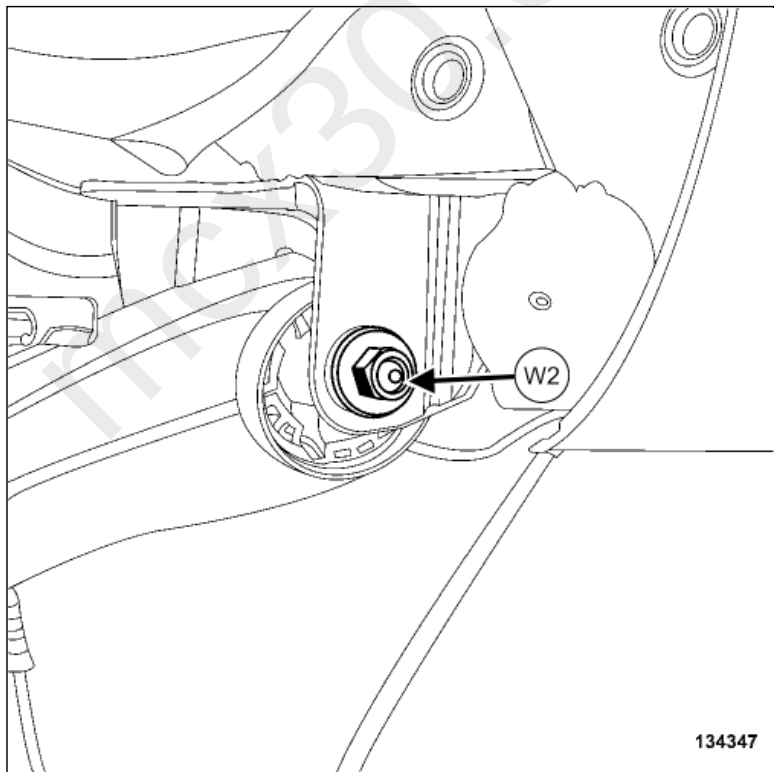




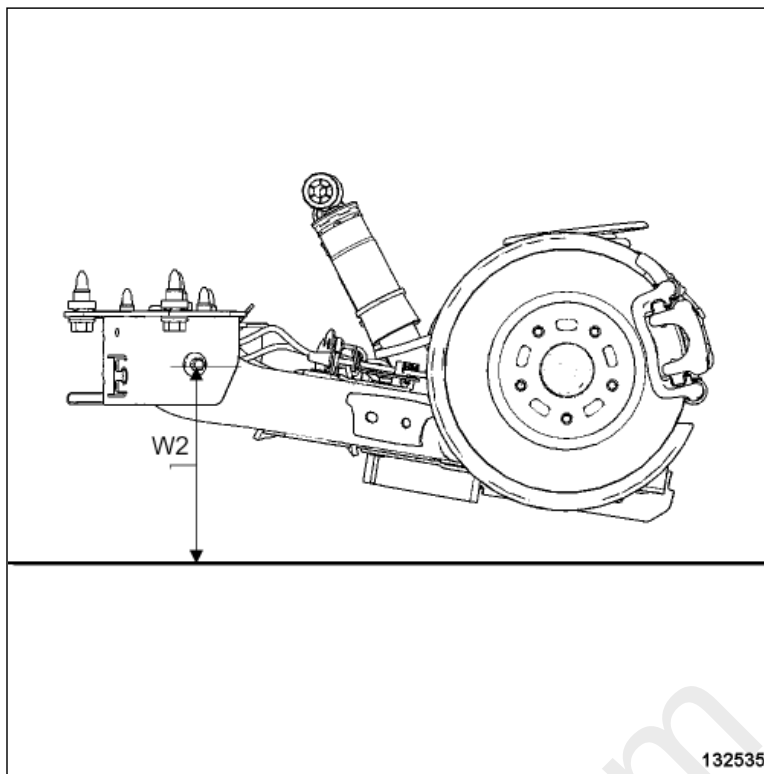
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($W1$) : Height between the ground and the rear cross member bolt head

2- REAR HEIGHT



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(w2) : Height between the ground and the shaft of the rubber bush on the bearing

2. MEASURING PROCEDURE



Note:

For measurements (w1) and (w2), take into account the height difference between the plates and the lift.

Measure the heights:

- R1,
- R2,
- W1: right-hand and left-hand,
- W2 right-hand and left-hand.



Note:

The value of Wx to be entered into the geometry bench is the average of the W1 heights, right-hand and left-hand and of the W2 heights, right-hand and left-hand.

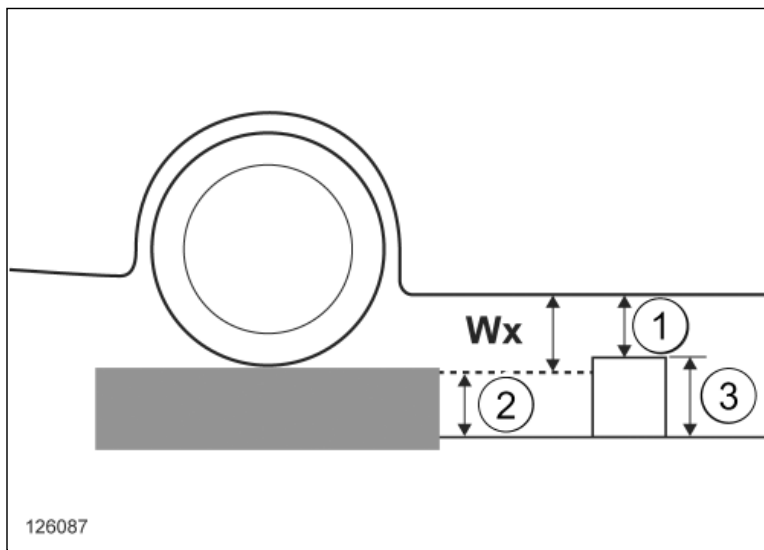
Specific case:



Note:

If the measuring points are located in empty space (between the rails of the lift), use a bar.

1- PLATE HIGHER THAN THE LIFT:



Measure the heights(1) , (2) , (3) .

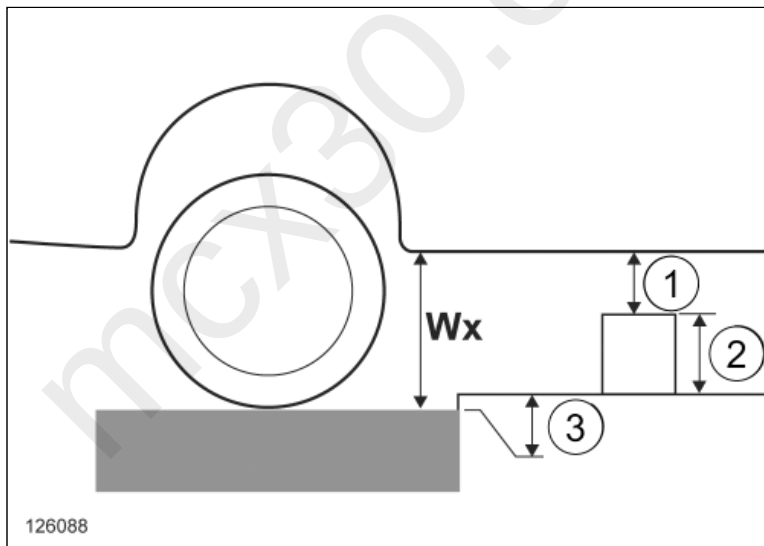
Example: (1) = 13 cm, (2) = 8 cm, (3) = 10 cm.

Calculate the height Wx:

$$Wx = \text{height}(1) + \text{height}(3) - \text{height}(2) ,$$

$$Wx = 15 \text{ cm.}$$

2- PLATE LOWER THAN THE LIFT:



Measure the heights(1) , (2) , (3) .

Example: (1) = 8 cm, (2) = 10 cm, (3) = 4 cm,

Calculate the height Wx:

$$Wx = \text{height}(1) + \text{height}(2) + (3) ,$$

$$Wx = 22 \text{ cm.}$$

3- VEHICLE IN RUNNING ORDER POSITION



VODM (Vehicle in working order) position:



tank full,

empty vehicle (without luggage, etc.).

(w1) = 161 mm

(w2) = 253 mm

Note:



The position of the vehicle varies according to:

- the weight of the engine,
- the springs and shock absorbers,
- the tyres,
- the amount of fuel in the tank.



Repair-13x02x11-02x13-1-34-1.xml



XSL version : 3.02 du 22/07/11