



*Valueweigh*  
**7XXSoftware**

User Guide

# ***CENTRE OF GRAVITY***

**Cardinal 788 Indicator**

*REVISION A1*

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## **Setup**

When first switched on, go to “Setup”

### **Setup parameters**

The parameters are the following:

GR.CENTRE - change if you don't need to use default 50%;  
(50% - direct centre by default);

As we know for a good car breaking balance it even need to be set to 75% on some surfaces, such as sand roads;

DIMENSIONS - this is to enter parameters such as 'distance between axles' and 'distance between wheels' in metres;

Decimal point is allowed, for example: 1.5 and 3.5.

### **What will we have?**

As result you can see what the distance is between real center of gravity and set centre (default=50%).

### **Why is this needed?**

This helps to keep the car in balance in order to explore the centre of the gravity disposition after repair or an accident.

### **How to simulate work process?**

Move all bars to change weight on all axle pads.

### **Troubleshooting**

“I tried to start SmartLink from the website but it says: 'failed to open document’”.

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Please install SmartWeigh on your computer using the link just below the SmartLink button. You need to have SmartWeigh installed, however, you don't need to setup up whole project –it is already done for you.

## Hints

For a better graphic simulation picture you may use  
The following SmartWeigh option:

‘Size display’ and then ‘Match pixel size’.

Right click on the 788.

Select needed options from menu.



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