

ADVANCED USER MANUAL

SECTION 3: WEIGHT DISTRIBUTION



Car / class: 977evo / 1/8 on road

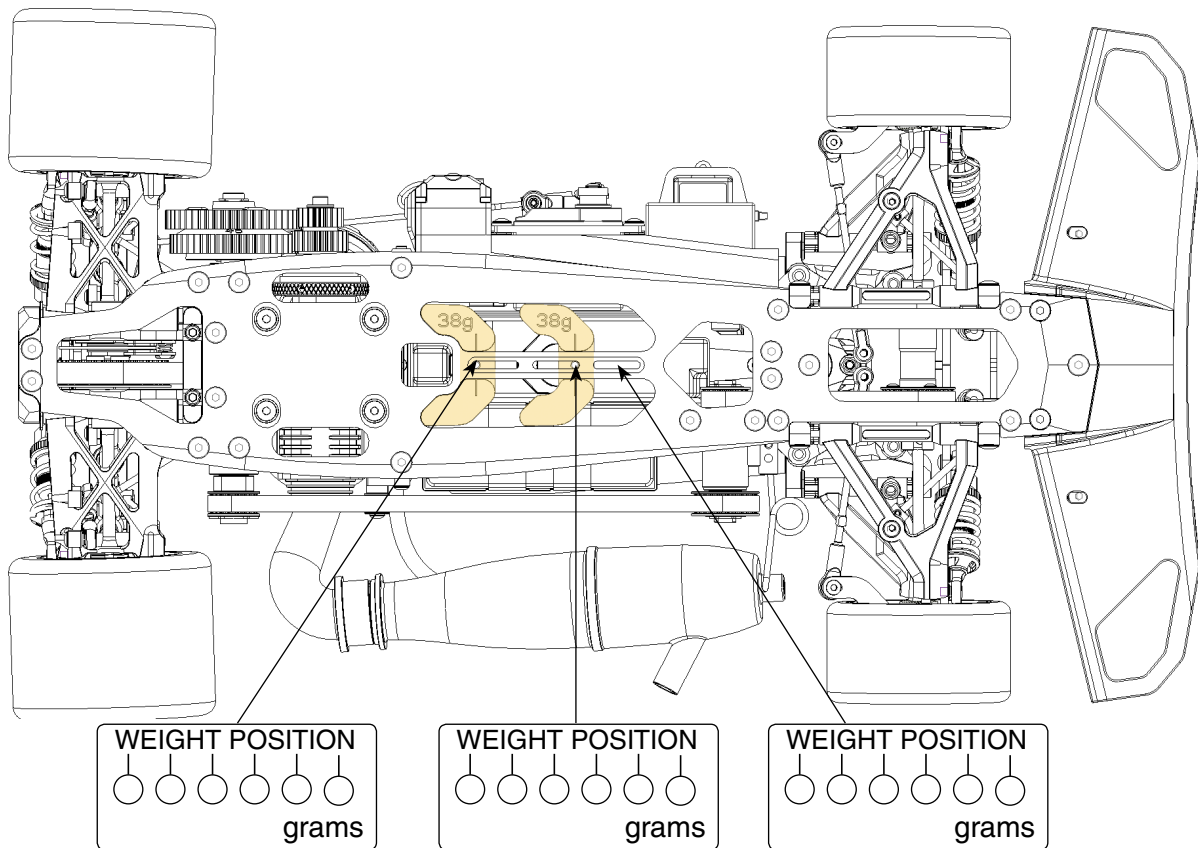
INTRODUCTION

- **Definition:** Weight distribution is the apportioning of weight within a vehicle. It can be read in percentages, such as front-to-rear percentage weight. Weight distribution affects a lot to car balance, handling and tyres wear.
- **Serpent 977 Viper weight distribution adjustment advantages:** The Serpent 977 Viper is one of the only chassis of their category that has the possibility of adjust the weight distribution really fast and easily. It is possible to fit 1, 2 or even 3 chassis weights in the chassis slides.

OPTIONAL PARTS NEEDED

#903580

Chassis weight 38gr



MORE REARWARD WEIGHT

- **More steering response**
- **More rear tyres wear**
- **More traction rolling at corner entry**

MORE FORWARD WEIGHT

- **Less steering response**
- **More front tyres wear**
- **More “push” at corner entry**
- **Less traction rolling at corner entry**



TEAM DRIVER COMMENT

- **By Michael Salven (head of R&D at Serpent, top driver 1/8 and 1/10, World Champion)**
For me it is an amazing advantage to be able to change car handling just with some screws even during the warm up of a race. Also you can manage tyre's wear trying to maintain the gap between front and rear tyres helping a lot to have same performance along the long runs! Another nice feature is that if you need to add weight you add it in the lowest part of the car lowering the GC! All are advantages!

