

ADVANCED USER MANUAL

SECTION 3: WEIGHT DISTRIBUTION



Car / class: 748 / 1/10 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 748 Natrix TQ weight distribution adjustment advantages:** The Serpent 748 Natrix TQ 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 slide weights. Also it is possible to fit 4 x round 5 grams weights for fine tuning.

OPTIONAL PARTS NEEDED

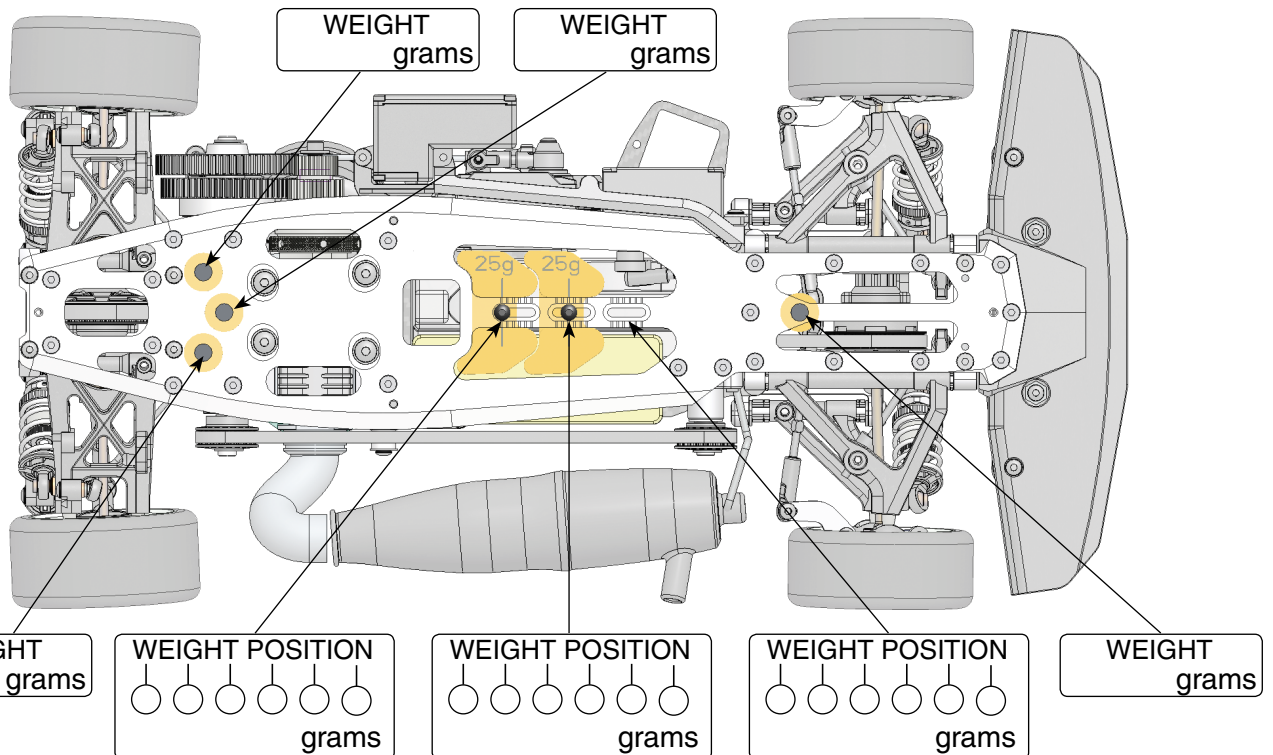
#804273

Chassis weight 25gr



#804302

Weight set round 4 x 5gram



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! Another nice feature is that if you need to add weight you add it in the lowest part of the car lowering the GC. Also with 5 grams round weights you can do a fine tuning of the weight distribution. All are advantages!