ADVANCED USER MANUAL

SECTION 4: CHASSIS STIFFNESS

Car / class: 411 Eryx / 1/10 electric on road

INTRODUCTION

- ***Definition*:** Generally the chassis should be as rigid as possible for handling reasons. The more rigid a chassis is, the more it will allow the suspension and tyres to work. However in the real world this theory does not always work.

- ***Serpent S411 Eryx different chassis advantages:*** For the Serpent S411 Eryx Serpent has three different chassis which makes it possible to change the torsion properties of the complete car. In this way you can adapt your car to all the different types of track, such as carpet or asphalt, low or high grip and open or tight tracks.

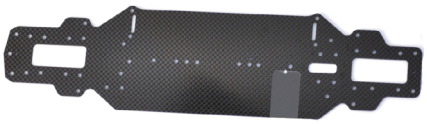
STANDARD CHASSIS

#401608
Chassis 411 alu 2mm 7075T6

OPTIONAL CHASSIS

#401590
Chassis carbon 2.25mm

#401591
Chassis carbon hard 2.0mm



WHEN TO USE EACH CHASSIS

CHASSIS 411 ALU 2mm 7075T6 #401605

- *Use mainly in carpet tracks*
- *Car easier to drive*
- *Lower Center of Gravity*
- *Less traction roll keeping good steering*

CHASSIS CARBON 2.25mm #401590

- *Use mainly in asphalt tracks*
- *Gives more overall steering*
- *More car response*
- *Car more nervous and edgy to drive*

CHASSIS CARBON HARD 2.0mm #401591

- *Works well in asphalt and carpet*
- *Use in super high traction tracks to avoid traction rolling*
- *More rear stability*
- *Less steering*

TEAM DRIVER COMMENT

- ***By Marc Fischer (Top driver 1/10 Touring car EP, Serpent tester and developer)***
  For me it is an amazing advantage to be able to adapt my car to different surfaces such as carpet and asphalt. The needs on an asphalt or carpet tracks are often very different, and the chassis choice offers a good base to start the set-up. I choose the ALU chassis for carpet tracks to have an easier but fast car and Carbon 2.25mm Chassis to get maximum steering for asphalt outdoor tracks.