

Tip 10: Upper Deck Fixations

During my tests and training, I identified a big problem: after some runs, I checked my ride height. The value was very strange: 5.0mm on front, 5.5mm on rear, and 2.5mm on the middle of the car !!

So, I checked the chassis, and I found it was a lot curved ! So, I studied the problem and understood that the upper deck may move a little during a run. This is due to different factors:

1. LiPo conversion set: with the 3mm spacers between bulkheads and upper deck, the front bulkhead upper mount (503136 or 503196) is no more on the same plan than the upper deck (picture 2), so the deck as no more guide / limit to slip forward.
2. The button head screws have a little play on the upper deck, and as they are only 2 on front, and 2 on rear, it's very easy for the deck to slip, and to curve a bit the chassis plate.

My solution his not the best, but it reduce a lot the deformation of the chassis. I machined my upper deck to use flat head screws instead of the button head screws.

