

Team Magic E4RS Tips

“The E4 Solution”

By Lionel Troyon

Tip 3: Plastic Bulkheads

Rear flex is the point I most worked on the E4RS. We tested many things, as running **without** the rear motor mount linkage posts 503106. This solution works very good on carpet track, because the rear flex is the best... But this solution can't be a definitive solution, as the chassis wouldn't appreciate this huge effort. We also tested different motor mount and left axle mount designs (cut with dremel).

The best result we get (confirmed by lap time improvement) is to run the E4RS with plastic bulkhead.

The reason of the big lap time improvement with plastic bulkhead is the difference of hardness of the links between bulkhead and motor / left axle mount.

Off course, it's recommended to mix plastic bulkheads with modified motor mount and opposite axle holder.



E4RS with Rear
Aluminium
Bulkheads



E4RS with Rear
Plastic
Bulkheads