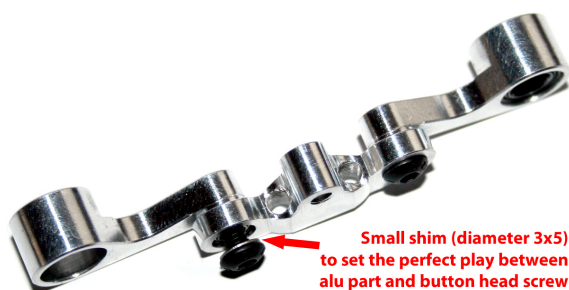


E4RS II - Tip 8: Steering Bellcrank Vertical Play

You probably noticed some vertical play on the steering bellcrank, on two points: between the steering posts and aluminium steering arm, and also between the middle plate and steering arms.

On the middle plate:

I replaced the two countersunk screws by button head screws, and I adjusted the play / freeness of the movement with small 3x5 shims. It works perfectly: play is very small, and movements are absolutely free.



On the steering posts:

I firstly added shims under the first ball bearing, directly on the posts; but the results wasn't what I expected, as the shim is turning with the outside of the bearing, not the inside.

I tried to insert the shims inside the steering arms, between them and the top bearing. Result is really better !

