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# Carpet Knife™ Version 3 Setup Sheet

## Front End:

- ? New Associated front end. Check that the steering block turns smoothly. Be sure the black pivot balls are free.
- ? Short front springs front springs 18 or 20....all free play shimmed out...but no pre-load on the spring.
- ? Dynamic front block - 1 shim in front and 1 behind.... -1.5 degrees camber (top tilted in)
- ? No Toe in, slightly toed out if at all...
- ? Purple front tire
- ? Tire traction - 1/4 to 1/3 of the front tire, on the inside portion of surface. CRC Down Force.

## Rear End:

- ? Start with white side springs, orange + blue for more rear grip, red for more turn in, then green, then purple. Red is good for advanced drivers wanting lots of steering. We rarely use purple.
- ? Very little preload on side springs, just enough to tweak the car flat
- ? The side of the car with more weight will require more tension on the rear spring on that side
- ? Center shock – Kit shiny silver spring for bumps. Use the optional Red (#1340) spring for increased steering response. Next is the optional Copper (#1341) for more steering on smooth tracks. The CRC SS (stiff silver) spring (1342) is stiffer yet, then the stiffest, for lots of steering on super smooth tracks with high grip, CRC SSS (super-stiff silver) spring # (1343) - 35 weight silicone oil
- ? Adjust the center shock length so that the rear pod droops *slightly* below the plane of the chassis when held in the air. No more than 1mm droop. When using the, CRC SS, and SSS springs, set up the rear droop at zero.
- ? Adjust the shock spring preload until the chassis and rear pod piece form a straight line when full loaded and race ready
- ? Gray rear tire or white rear if slippery. Pink in extreme low grip conditions or on asphalt.
- ? Losi lite or standard hydra fluid in the damper tube - refill every 3 races
- ?? Full rear tire traction - let soak for 20 minutes. Team CRC Down Force recommended.

If the side links are bound or sticky.....

- ?? **BE SURE LINKS ARE FREE AND PIVOT SMOOTHLY ON THE METAL HEX-BALLS!** Pop on and off to loosen them slightly. Polish the balls with polishing compound to free the one-piece links even more. In extreme cases where the links are still bound or sticky, gently squeeze the plastic ball end link with pliers after it is snapped onto the metal hex-ball. This “sets” the plastic to the metal shape, freeing up the pivoting action.