

RC10DS & NDS TUNING

Springs – You can use all the springs that are available for the TC3
From softest to heaviest (in lbs.) they are as follows:

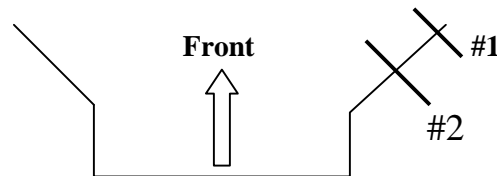
Green 12.0
Silver 14.5
Blue 17.0
Gold 19.5
Red 22.0
Copper 25.0
Purple 30.0
Yellow 35.0
White 40.0

The complete package of springs with 2 of each can be purchased using one part number #3988. (The springs that come with the DS/NDS kits are #8232 Black, 3.20lbs.)

Front Sway Bar Tuning – with the sway bar attached near:

#1, the car will lean less than without a sway bar. This makes the car react quicker.

#2, position will lean very little and at the same time will take a lot of steering out, making the car easier to drive.

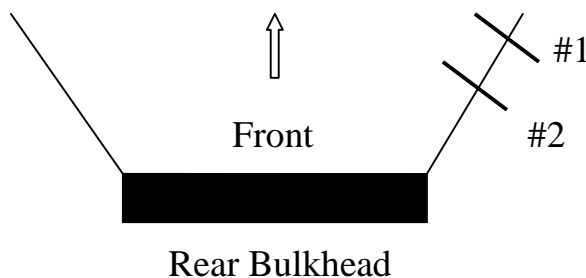


Change your shocks as follows: front oil to 20wt with the #1 pistons and 1 thin spacer .031”.

Rear Sway Bar Tuning – with the sway bar attached near:

#1, position on the sway bar lets the car lean a little less than if there was no sway bar. If the car needs more steering move the link closer to the back (#2) and this will stiffen the sway bar drastically so move it a little at a time.

#2, position on the sway bar will make the car very stiff side to side. This will usually take away rear traction and increase steering.



For extremely bumpy conditions the car will handle best with no sway bars. This will allow the car to soak up the big bumps easier.

Rear Shock Oil:

Start with 20w with #1 pistons and 1space in side shock. Rear Shock clips should equal .240, .300 (+-) .060

Hub Carrier Positions:

The DS and NDS come with the hub carriers all the way forward. With the hub carriers forward in the suspension arms this is another way of getting more rear traction. If the rear of the car has too much traction try moving the hub carrier towards the back of the car, the further back the hub carrier goes the less traction your car will have. This is also another way to increase steering.

Shock Position:

The rear shocks have 2 mounting positions in the shock tower and 1 in the arm. When the shocks are in the outer hole this allows the suspension to work better on bumpy surfaces. When shocks are mounted in the inner hole on the tower this allows the car to work well on smooth surfaces.

Ride Height:

Front: 3/8" from the bottom of the chassis to the ground.

Rear: 3/8 to 1/4" from the bottom of the chassis to the ground

Other Adjustments:

Trimming the spoiler height affects high speed steering

Rubber tires for the kits are directional so mounting them is critical. The arrow on the tires should all face the same way and the rims should have a 1/8" vent hole to allow the tire to breathe.

Camber – make sure that tire wear is even as the tires wear.

Caster – standard caster is 8 degrees; do not use caster blocks with less then 3 degrees caster. The more degrees of caster the more steering in the middle and exiting corner.

Starting setup for the DS and NDS

Front:	20w	Sway bar attached
	#1 Pistons	30' Caster Blocks
	Black springs	
Rear:	20w	Sway bar attached
	#1 Pistons	1 1/2 inner suspension mounts
	Black springs	0' degree hub carrier
	Rear camber link	in middle hole in bulkhead