

OnPoint Racing OP12C

Driver: Robert Krens
Location: Racing Arena Limburg
Event: Benelux Race #1
Date: 24-10-2015

Track Conditions

Composition: Asphalt Carpet Other: _____ Surface: Smooth Bumpy _____
Traction: Low High Layout: Open Both Tight Indoor Outdoor

Front End

Associated Serpent
Arms mount 0° 10° 0° 3° 6° 10°
Susp. arm insert Narrow / Mid / Wide
Caster spacer 1.80° 3.25° 6.15° Front / Med / Back
Roll centre: 1 mm longer arm Inside Outside
Shims on top king pin: 8 on top. 1 on steering block
Front spring: 0.20
Front caster: 2,5° on Slapmaster gauge (second shim)
Front camber: 0,5° on Hudy
Toe angle: 1° out on Hudy
Bump steer shim: 2mm
Droop: 0.4mm
King pin lube: 20.000 CST
Front car width: 169mm
Ride height: 3.2mm

Notes:

168mm is too much and car tents to lift the rear wheels. Caster moved to the front for less lifting.

Front tires

Brand & compound: Mobgum Magenta
Diameter: 40,3mm
Tire treatment: Speedtech RC
Time & surface: 40% - 5 minutes

Rear End

Shock brand: HotBodies Piston: STD
Shock oil: 30WT
Centre spring: Gold Preload: 6.24mm
Shock position – Front: Low High Lower tower
Shock position – Rear: 2mm on top of Long topdeck
Damper tube lube: 12.500CST
Side spring: Asso Black Preload: 1.03mm
Rear car width: 172mm
Ride height: 3,4mm
Roll centre: 0
Pod droop: 0,8mm
Battery position: Left Right completely at the back
Plug position: Front Back Left

Notes:

Gold spring feels a bit twitchy, but is faster than blue. 20K is too much. I think even 10K could be less. Less pod droop feels quite alright.

Rear tires

Brand & compound: Mobgum Silver (or Pink)
Diameter: 41.4
Tire treatment: Speedtech RC
Time & surface: 100% - 15 minutes

Body & Electronics

Body: Black Art BA008 (with Fin)
Body position: 1mm out front
Wing / Spoiler: Yes No
Receiver: Sanwa 451R
Servo: Sanwa 141HR

Batteries: IP 7000Mah 100C
Motor: Trinity D4 - Maxzilla Rotor: Blue - 54° timing
Pinion: 42 Spur: 80 Rollout: 68.283
ESC: Team Orion R10 pro
ESC Settings: Blinky - DRRS #9

Comments

Wipe tires clean 5 min before the start of the race.

Car needed a little more steering. But does not tent to griproll or lift the back end.

Pinkfront tire doesn't work so they say. Pink at the rear makes the car a tiny bit harder. But when the Silver tires chunk they won't go anymore.

Motor: Started at 65mm, switched to 58mm, motor got worse, back to 68mm was right on!

Placed the center shock one hole up. This gave the car less initial steering and more midcorner steering.

FL 9:06 42 laps in 7:08