

OnPoint Racing OP12C

Driver: Robert Krens
Location: Nuclea Mol - Belgium
Event: Masters of Foam
Date: 01-02-2015

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° 5° 10° 0° 3° 6° 10°
Susp. arm insert Narrow / Mid / Wide
Caster spacer 1.80° 3.75° 6.15° Front / Med / Back
Roll centre: 1 mm longer arm Inside Outside
Shims on top king pin: 7 on top. 1 on steering block
Front spring: 0.18
Front caster: 4° on Slapmaster gauge
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:

Front tires

Brand & compound: Mobgum Magenta
Diameter: 39,2mm
Tire treatment: Speedtech RC
Time & surface: 10mm / 15% - 30 seconds.

Body & Electronics

Body: Black Art BA006 (No Finn)
Body position: 1mm out front
Wing / Spoiler: Yes No
Receiver: Sanwa 451R
Servo: Sanwa 141HR

Rear End

Shock brand: HotBodies Piston: STD
Shock oil: 30WT
Centre spring: Blue Preload: 7mm
Shock position – Front: Low High Lower tower
Shock position – Rear: 2mm Long topdeck
Damper tube lube: 5.000CST
Side spring: Yoko Green (USS) Preload: 5,8mm
Rear car width: 172mm
Ride height: 3,2mm
Roll centre: 0
Pod droop: 1,2mm
Battery position: Left Right Inline
Plug position: Front Back Battery to the back
Notes:

Rear tires

Brand & compound: Mobgum Gold
Diameter: 40.4
Tire treatment: Speedtech RC
Time & surface: 100% - 15 minuts

Batteries: Team Orion 6400 90C
Motor: Trinity D4 - Maxzilla Rotor: Blue - 54° timing
Pinion: 37 Spur: 80 Rollout: 58.701
ESC: Team Orion R10 pro
ESC Settings: Blinky - DRRS #9

Comments

*Whipe tires clean 10 min before the start of the race.
Zilver has more reargrip, and griprolls more then Gold. Gold is faster.
BA008 (with finn) feels really good, griprolls less then BA006. BA006 has more steering
Yoko Green side springs are a tiny bit softer then Asso Black. Yoko Purple is even softer then green.
New tires need to be run in for about 2 minuts
Caster is the problem, try to run less caster.
Battery on the old lay-out gives more initial steering, but griprolls a lot less then Inline. although inline faster and more consistand is.
Protoform AMR Griprolls more, but body is stronger.
Car weight 731gr*