

# OnPoint Racing OP12C

Driver: Robert Krens

Location: Nuclea Mol - Belgium

Event: Local Race #3

Date: 21-12-2014

## Track Conditions

Composition: ☐ Asphalt ☒ Carpet Other: \_\_\_\_\_

Traction: Low ☐ ☐ ☐ ☒ ☒ High

Surface: Smooth ☐ ☒ ☐ ☐ ☐ Bumpy \_\_\_\_\_

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° 3.25° 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: 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 Pink  
Diameter: 40,3mm  
Tire treatment: Speedtech RC  
Time & surface: 33% - 30 seconds.

## Body & Electronics

Body: Protoform AMR LW  
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: 15.000CST  
Side spring: Green Preload: 5,8mm  
Rear car width: 172mm  
Ride height: 3,4mm  
Roll centre: 0  
Pod droop: 1,2mm  
Battery position: ☒ Left ☐ Right  
Plug position: ☐ Front ☒ Back Battery to the front  
Notes:

## Rear tires

Brand & compound: Mobgum Magenta  
Diameter: 41.7  
Tire treatment: Speedtech RC  
Time & surface: 100% - 15 minuts

## Comments

Whipe tires clean 10 min before the start of the race.

Car needed a little more steering. Switched from black to green side springs.

Magenta front tire, when grip is medium, 40% surface treatment. Pink when grip is High

Motor: Started at 70mm, switched to 73m, 75mm, 77mm and 80mm, Motor got worse. Got back to 69mm, went better, got back to 67 which was even better.

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

Side tube oil. Went from 10.000 which made to car wiggle to 20.000 which made it harder to drive and griprole more. went back to 15.000 which was right on.