PR Racing ST1 V3T R

Setup: Carpet setup · Brian Faust (PR Racing USA) · Feb 6, 2024

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EVENT

Event	Practice
Class	SCT

TRACK

Track	Grand River RC
Type	Indoor carpet
Grip / moisture	High/High/High / Dry/Dry/Dry
Surface / layout	Smooth/Smooth/Smooth / Medium/Medium/Medium
Air temp	70°F (21°C)
Track temp	80°F (27°C)

RESULTS

Race type	Practice

FRONT SUSPENSION

Anti-roll bar	2.0mm home made
Arm mount	+5mm 0 degree
Arms	Kit
Camber	-2.0 degrees
CAMBER LINK	
Ball cup gap	32 mm
Inner stud location	1 - Inside
Outer stud location	B - Outside
Outer stud spacers	0
Hub carriers (caster)	3 degree plastic
Ride height	16mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	4 - Outside
Steering arms	Kit
Steering blocks	Pro blocks center hole
Steering center link orientation	Holes rearward
STEERING LINK	
Ball cup gap	35.5 mm
Inner stud location	Front
Inner stud spacers	0 mm
Outer stud location	B - Middle
Outer stud spacers	2 mm
Toe	0 degrees
Tower	4mm Carbon
Wheel hex	8.2 sc201 kit wheel hex
Wheelbase (hub spacers - F/R)	0.15 / 1.98 mm

NOTES Aluminum steering rack flipped upside-down to eliminate negative bump steer.

REAR SUSPENSION

Anti-roll bar	1.6mm
Anti-roll bar end gap	Even with ball mm
Arms	Kit
Axle height (hub pin location)	High (low pin)
Camber	-2.0 degrees
CAMBER LINK	
Ball cup gap	39.5 mm
Inner stud location	2 - Front
Inner stud spacers	6mm
Outer stud location	Middle
Outer stud spacers	0 mm
Hubs	Sc201 hubs
RF mount inserts	1 out
Ride height	16mm
RR mount	"Dirt" RR s1v3 suspension block PRR71400576
RR mount inserts	1 down and out
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	4 - Outside
Tower	4mm Carbon
Wheel hex	8.2 aluminum
Wheelbase (arm spacers - F/R)	None mm
Wheelbase (hub spacers - F/R)	2.0/2.0 mm

NOTES RF suspension mount- "Dirt" RF S1V3 RF PRR71400586

Stadium truck Shock tower mounted on front of transmission

TIRES

	FRONT	REAR
Tire brand / type	Jcon Swaggers	Jcon Fuzz Bites
Tire compound	Pink	Pink
Tire insert	Closed	Closed
Tire prep	SXT white dot	SXT white dot
Wheel brand / type	PR Racing	PR Racing

NOTES Glued sidewalls on front tires

SHOCKS

	FRONT	REAR
Limiters (internal/external)	1/0 mm	1/0 mm
Oil weight	40 wt	37.5 wt
Pistons	2 x 1.6mm machined	2 x 1.7mm machined
Springs	Custom Works 10lbs springs	Custom Works 7lbs green
Stroke	28 mm	30 mm
Shock oil brand	Team Losi	

DRIVETRAIN

Differential fluid	100,000
Differential fluid brand	Team Associated
Differential type	4-gear
Drive ratio - internal	2.75:1
Driveshafts	82.5mm CVD
Pinion	20 teeth
Spur	77 teeth

NOTES V4t easy access diff.

BODY & CHASSIS

Battery position	Front
Body	Pro line HI Flow
Chassis	3mm
Motor protector plate	Hard
Rear wing	None
Weight balance (F/R)	50 / 50
Weight: total	2100 g
Weights	130g battery weights

NOTES I left the front and rear bumper mounted to be compliant with ROAR rules

ELECTRONICS

Battery brand	**Gens Ace**
Battery capacity	**5100 mAh**
Battery model	**Redline LIHV**
ESC brand	**Hobbywing**
ESC model	**Just stock g3s**
ESC settings	**Blinky mode**
Motor brand	**Hobbywing**
Motor model	**V10g4**
Motor timing	**52 degrees**
Motor wind	**13.5 turns**
Radio brand	**Futaba**
Radio model	**T4PM**
Receiver brand	**Futaba**
Receiver model	**FHTSS**
Servo brand	**Savox**
Servo model	**Black edition 1258**