PR Racing ST1 V3T R

Setup: Island speedway Sc201 · Tyler Fleming (PR Racing) · Jun 6, 2025

so dialed
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EVENT	
Event	Ncts finals
Class	13.5 sct

TRACK	
Track	Island offroad speedway
Type	Indoor carpet
Grip / moisture	High/Medium / Dry
Surface / layout	Smooth / Medium
Air temp	70°F (21°C)
Track temp	65°F (18°C)

RESULTS	
Race type	Main
Finish	1st

FRONT SUSPENSION

Anti-roll bar	2.0mm home made
Arm mount	+5mm 3 degree
Arms	Kit
Camber	-0.5 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° Aluminum Axle height adjustable. Highest axle height
Ride height	18 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	4 - Outside
Steering arms	Kit
Steering blocks	-1mm Aluminum blocks
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	+0.5 degrees
Tower	4mm Carbon
Wheel hex	5.2mm
Wheelbase (hub spacers - F/R)	0.15 / 1.98 mm

NOTES Aluminum steering rack flipped upside-down to eliminate negative bump steer. 1mm spacers on inner camber link mount

REAR SUSPENSION

Anti-roll bar	None
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	0 mm
Outer stud location	Middle
Outer stud spacers	3 mm
Hubs	V4 buggy hubs
RF mount inserts	1 down and out
Ride height	18 with body off mm
RR mount	"Dirt" RR s1v3 suspension block PRR71400576
RR mount inserts	1 up and out
SHOCKS	
Arm mounting hole	B - Middle
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

V4 Stadium truck Shock tower

TIRES

	FRONT	REAR
Tire brand / type	Jcon Swaggers	Jconcepts Fuzz bites
Tire insert	Raw speed closed cell	Raw speed closed cell
Tire prep	None (No sauce allowed for INS)	None (No sauce allowed for INS)
Wheel brand / type	Traxxas Rear/4x4 offset	Traxxas Rear/4x4 offset
Tire compound	–	Pink

NOTES Glued sidewalls on front tires

SHOCKS

	FRONT	REAR
Limiters (internal/external)	2/0 mm	5/0 mm
Oil weight	47.5 wt	42.5 wt
Pistons	2 x 1.6mm machined	3×1.3
Springs	Custom Works Black (8lb) from the big bore shock set (part #1820)	Blue/red 3.60lb
Shock oil brand	Team Associated	

DRIVETRAIN

Differential fluid	10,000
Differential fluid brand	Team Associated
Differential type	2-gear
Drive ratio - internal	2.75:1
Driveshafts	82.5mm CVD
Pinion	22 teeth
Spur	77 teeth

NOTES V4t easy access diff.

BODY & CHASSIS

Battery position	Front
Body	SC201 body
Chassis	3mm
Motor protector plate	Soft
Rear wing	Kit

NOTES Removed front and rear upper bumper braces to make setup changes quicker. Esc mounted on chassis between battery and waterfall brace

ELECTRONICS

Battery brand	Gens Ace
Battery capacity	6000 mAh
Battery model	Shorty mounted towards the front with the esc mounted to the chassis between the battery and waterfall brace
ESC brand	REDS
ESC model	ZX gen2 Pro
Motor brand	REDS
Motor model	VX3 Pro Stock Factory Select
Motor timing	42 degrees
Motor wind	13.5 turns