SWORKz S35-4 EVO

Setup: My Base Setup · jason thorne · Mar 15, 2024

so dialed
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EVENT

Event	TN State Champs
Class	Int nitro bug

TRACK

Track	ROCCK
Type	Outdoor clay
Grip / moisture	Medium / Dry
Surface / layout	Medium / Tight
Air temp	50°F (10°C)
Track temp	50°F (10°C)

RESULTS

Race type	Qualifier
Race number	Q3
Finish	6th
Best lap	23.5 s
Average lap	26.0 s

FRONT SUSPENSION

Ackermann: inner steering link location	3 - Mid-front
Anti-roll bar	2.3 mm
Anti-roll bar end gap	0 mm
Camber	-1 degrees
Camber: upper pivot ball shims	0 mm
Caster: upper arm shims - F/R	4/2 mm
FF mount inserts	Center
FR mount inserts	Down
Lower arms	Hard
Lower arms: stiffener	0 mm
Ride height	23 mm
SHOCKS	
Arm mounts	2 - Out
Tower mounts	2 - Mid-in
Tower	Kit
TRACK	
Lower pivot ball shims	2 mm
Wheel hexes	5.5 mm
UPPER ARM	
Mount inserts - F	Center
Mount inserts - R	Center
Upper arms	Soft
Upper arms: stiffener	1 mm

TIRES

	FRONT	REAR
Tire brand / type	JConcept	JConcept
Tire compound	Silver	Silver
Tire insert	JC	JC
Wheel brand / type	Avid	Avid

REAR SUSPENSION

Anti-roll bar	2.8 mm
Anti-roll bar end gap	0 mm
Arms	Hard
ARMS	
Bridges	Yes
Stiffener	0 mm
Camber	-1.5 degrees
CAMBER LINK	
Inner location	9 - Inside mid-down
Outer location	4 - Top out
Hub inserts	Up and out
Hubs	Aluminum
RF mount inserts	Center
Ride height	25 mm
RR mount inserts	Out
SHOCKS	
Arm mounts	1 - In
Tower mounts	3 - Mid-out
Track: wheel hexes	6.5 mm
Wheelbase: hub shims - F/R	1/4 mm

BODY & CHASSIS

Body	LFR
Front wings	None
Rear wing	Formula Race 2.0
Rear wing angle	2 degrees
Rear wing height shims	2 mm
Rear wing mount height	4
Screws & turnbuckles	Klinik Ti
Weights	15 gram rear, position B

SHOCKS

	FRONT	REAR
Oil weight	600 cst	600 cst
Pistons	5 hole	5 hole
Shock type	Emulsion	Emulsion
Springs	62mm US-4 dot 1.6x7.50	80mm RM3-dot
Stroke	34 mm	45 mm
Shock oil brand	SWORKz	

DRIVETRAIN

Clutch shoes	3 shoe
DIFFS	
Center fluid	7,000 cst
Front fluid	7,000 cst
Rear fluid	4,000 cst
Drive ratio - internal	3.308
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	16 teeth
Spur	57 teeth

ENGINE

Engine brand	Protek
Engine model	Samurai RM
Fuel	VP 30%
Glow plug	OS P3
Pipe / header	2141/75mm

ELECTRONICS

Radio brand	Sanwa/Airtronics
Radio model	MT44
Receiver battery	2400mah 2S lipo
Receiver brand	Sanwa/Airtronics
Steering servo brand	MKS Servos
Steering servo model	599
Throttle servo brand	Hitec
Throttle servo model	7955TG