SWORKz S35-4

Setup: White rock King of the Hill Main · Scott Box (RC-1 racing Sworkz) · Jun 2, 2021

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EVENT	
Event	TNR fuels race

TRACK	
Track	Overlook raceway
Type	Outdoor loose/loamy
Grip / moisture	Medium / Dusty
Surface / layout	Bumpy / Tight

FRONT SUSPENSION

Anti-roll bar	2.0mm
Anti-roll bar end gap	1 mm
Camber	-1 degrees
Droop (shock length)	101.6 mm
LOWER ARM	
Mount inserts - front	0 center
Mount inserts - rear	1 down
Lower arms	Soft
Ride height	24 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Mid-in
Steering link: inner stud location	3 - Mid-front
Tower	35-3
Track: wheel hexes	+5mm
Upper arm spacers (caster)	Front 2mm / rear 2mm
UPPER ARM	
Mount inserts - front	1 down
Mount inserts - rear	1 down
Stiffeners	1.0mm Carbon
Upper arms	Soft
Wheelbase: lower arm spacers	Long (behind arm) mm

BODY & CHASSIS

Body	35-4
Center diff mount	Kit
Front wings	Carbon
Rear wing	Formula Race 2.0
Rear wing mount position	High
Rear wing spacer	1 degrees
Weights	Chassis weighs A&B position

REAR SUSPENSION

Anti-roll bar	Mugen 2.3
Anti-roll bar end gap	1 mm
Arms	Soft
Camber	-2 degrees
CAMBER LINK	
Inner stud location	6 - Inside bottom
Outer stud location	C - Top mid-out
Droop (shock length)	122.1 mm
Hub inserts	Up and in
Hubs	Aluminum
RF mount inserts	0 center
Ride height	27 mm
RR mount inserts	1 down and out
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Tower	S35-3
Track: wheel hexes	+6.5mm lightened
Wheelbase: hub spacers	Front 2mm / rear 3mm

DRIVETRAIN

Clutch shoes & springs	Reds
Driveshaft - center front	88mm Steel
Driveshaft - center rear	115mm Steel
Driveshafts - front	CVD
Driveshafts - rear	Universal
Pinion	13 teeth
Spur	47 teeth

TIRES

	FRONT	REAR
Tire brand / type	Hotrace Bangkok V2	Hotrace Bangkok V2
Tire compound	Super soft	Super
Tire insert	Closed-cell	Closed-cell
Tire prep	None	None
Wheel brand / type	Hotrace Bangkok V2	Hotrace non carbon

SHOCKS

	FRONT	REAR
Oil weight	42.5 wt	35 wt
Pistons	6 x 1.4mm	6 x 1.3mm
Rebound	0 %	0 %
Shock length	130 mm	170.0 mm
Shock type	Emulsion	Emulsion
Springs	62mm US-3 dot 1.6x7.75	75mm M3-dot 1.6x9.00

Shock oil brand	Team Losi

NOTES S35-3 shocks and towers

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	4,000 cst
Diff mass	2.8 g	2.8 g
Diff type	Big bore HET 43T	Big bore HET 43T

Center diff fluid	7,000 cst
Center diff mass	3.5 g
Center diff type	Big bore HET 47T
Diff fluid brand	TLR

ENGINE

Engine model	Picco p3tt
Fuel	TNR
Glow plug	P5 picco
Pipe / header	Picco 2166

NOTES 7mm restrictor

ELECTRONICS

Radio brand	Futaba
Steering servo brand	Futaba
Throttle servo brand	Futaba