SWORKz S35-4

Setup: Starting Setup · Josh Pease · Jun 21, 2022

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EVENT

Event	Friday night pointe

TRACK

Track	Rc Farm indoor
Type	Indoor clay
Grip / moisture	Medium / Dry
Surface / layout	Medium / Tight
Air temp	80°F (27°C)

FRONT SUSPENSION

Anti-roll bar	2.3mm
Anti-roll bar end gap	1 mm
Camber	-1 degrees
Droop (shock length)	102 mm
LOWER ARM	
Mount inserts - front	0 center
Mount inserts - rear	0 center
Stiffeners	1mm
Lower arms	Soft
Ride height	26 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Steering link: inner stud location	3 - Mid-front
Toe	-2 degrees
Tower	Kit
Track: wheel hexes	+5mm
Upper arm spacers (caster)	5mm front 1mm rear
UPPER ARM	
Mount inserts - front	0 center
Mount inserts - rear	1 up
Stiffeners	Wings
Upper arms	Soft
Wheelbase: lower arm spacers	Long (behind arm) mm

NOTES Remove 3mm from back of upper arm

ELECTRONICS

Radio brand	Sanwa/Airtronics
Radio model	M17
Receiver battery	Protek
Receiver brand	Sanwa/Airtronics
Steering servo brand	MKS Servos
Steering servo model	599
Throttle servo brand	MKS Servos
Throttle servo model	599

REAR SUSPENSION

Anti-roll bar	2.4mm
Anti-roll bar end gap	1 mm
Arms	Soft
Camber	-1 degrees
CAMBER LINK	
Inner stud location	6 - Inside bottom
Outer stud location	B - Top mid-in
Droop (shock length)	122 mm
Hub inserts	Up and in
Hubs	Kit
RF mount inserts	0 center
Ride height	26 mm
RR mount inserts	1 down and out
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Middle
Tower	Kit
Track: wheel hexes	+5mm
Wheelbase: hub spacers	Front 3mm / rear 2mm

NOTES 8r rear arms, narrow pivots

ENGINE

Engine brand	Reds
Engine model	721
Fuel	TNR
Glow plug	P3

BODY & CHASSIS

Body	S15
Center diff mount	Kit
Front wings	Carbon
Rear wing	Formula Race 2.0
Rear wing mount position	High
Rear wing spacer	0 degrees

SHOCKS

	FRONT	REAR
Oil weight	45 wt	42.5 wt
Pistons	VRP 5x1.5	VRP 5x1.5
Rebound	0 %	0 %
Shock length	115 mm	135.9 mm
Shock type	Emulsion	Emulsion
Springs	9.5	10.25

Shock oil brand: 6MIK

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	6,000 cst
Diff type	Big bore HET 43T	Big bore HET 43T

Center diff fluid	10,000 cst
Center diff type	Big bore HET 47T
Diff fluid brand	6mik

DRIVETRAIN

Clutch shoes & springs	Sworkz shoes, 1.0mm springs
Driveshaft - center front	88mm Steel
Driveshaft - center rear	115mm Steel
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	13 teeth
Spur	47 teeth

NOTES Center dog bones

TIRES

	FRONT	REAR
Tire brand / type	Tpro	Tpro
Tire compound	SS	SS
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	VP Pro	VP Pro