SWORKz S35-4

Setup: Amarillo Borderwars 6/25/2020 · Scott Box (RC-1 racing Sworkz) · Aug 6, 2020

so dialed
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EVENT	
Event	Border wars series

TRACK	
Track	Amarillo
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Bumpy / Tight

FRONT SUSPENSION

Anti-roll bar	2.3mm
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	0 center
Lower arms	Soft
Ride height	25 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Steering link: inner stud location	3 - Mid-front
Tower	Kit
Track: wheel hexes	+5mm
Upper arm spacers (caster)	Front 2mm / rear 2mm
UPPER ARM	
Mount inserts - front	0 center
Mount inserts - rear	1 up
Stiffeners	1.0mm Carbon
Upper arms	Soft
Wheelbase: lower arm spacers	Long (behind arm) mm

BODY & CHASSIS

Body	Bitty Vision
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	2.6mm
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	1 up
Ride height	28 mm
RR mount inserts	1 out
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Tower	Kit
Track: wheel hexes	+5mm
Wheelbase: hub spacers	Front 2mm / rear 3mm

ENGINE

Engine model	Reds WR7
Fuel	VP
Glow plug	P3
Pipe / header	Reds 4143

NOTES Engine issues

TIRES

	FRONT	REAR
Tire brand / type	AKA Double Down	AKA Double Down
Tire compound	Soft	Soft
Tire insert	Closed-cell	Closed-cell
Tire prep	None	None
Wheel brand / type	AKA	AKA

NOTES Impacts in main

SHOCKS

	FRONT	REAR
Oil weight	42.5 wt	37.5 wt
Pistons	6 x 1.3mm	6 x 1.4mm
Rebound	0 %	0 %
Shock length	115 mm	135.9 mm
Shock type	Emulsion	Emulsion
Springs	62mm US-3 dot 1.6x7.75	75mm M2-dot 1.6x9.25

Shock oil brand	Team Losi

NOTES Bleed without boots

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	3,000 cst
Diff mass	671 g	671 g
Diff type	Standard	Standard

Center diff fluid	7,000 cst
Center diff mass	722 g
Center diff type	Standard

DRIVETRAIN

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

ELECTRONICS

Radio brand	Futaba
Steering servo brand	Futaba
Throttle servo brand	Futaba