SWORKz S35-4

Setup: My Base Setup · Shannon A Teers · Jul 27, 2021

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EVENT	
Event	Border Wars

TRACK	
Track	LRC
Type	Outdoor loose/loamy
Grip / moisture	Medium / Dry
Surface / layout	Bumpy / Medium
Air temp	90°F (32°C)

FRONT SUSPENSION

Anti-roll bar	2.3mm
Anti-roll bar end gap	0 mm
Camber	-2.5 degrees
Droop (shock length)	110 mm
LOWER ARM	
Mount inserts - front	0 center
Mount inserts - rear	0 center
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
Toe	+1 degrees
Tower	S35-3
Track: wheel hexes	+5mm lightened
Upper arm spacers (caster)	Front 3mm / rear 1mm
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

NOTES S35-3 shock bodies

BODY & CHASSIS

Body	35-4
Center diff mount	Aluminum
Front wings	Lexan
Rear wing	Formula Race 2.0
Rear wing mount position	High
Rear wing spacer	2 degrees

REAR SUSPENSION

Anti-roll bar	3.0mm
Anti-roll bar end gap	1 mm
Arms	Soft
Camber	-3 degrees
CAMBER LINK	
Inner stud location	6 - Inside bottom
Outer stud location	D - Top outside
Droop (shock length)	121 mm
Hub inserts	Up and in
Hubs	Kit
RF mount inserts	0 center
Ride height	24 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	+5mm
Wheelbase: hub spacers	Front 4mm / rear 1mm

NOTES S35-3 shock bodies

ENGINE

Engine brand	Reds
Engine model	721 Scuderia Super Volice
Fuel	VP 30/9 Lutz
Glow plug	Reds TS3
Pipe / header	Reds 2104/M manifold

TIRES

	FRONT	REAR
Tire brand / type	AKA	AKA
Tire compound	SSLW	SSLW
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	AKA	AKA

SHOCKS

	FRONT	REAR
Oil weight	42.5 wt	40 wt
Pistons	MIP 6 x 1.2/1.3 blue disc	MIP 6 x 1.2/1.4 green disc
Rebound	0 %	0 %
Shock length	115 mm	141 mm
Shock type	Emulsion	Emulsion
Springs	70mm S4-dot 1.6x8.25	75mm M2-dot 1.6x9.25
Shock oil brand	XTR	

NOTES S35-3 shock bodies front and rear

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	6,000 cst
Diff type	Standard	Standard
Center diff fluid	8,000 cst	
Center diff type	Standard	
Diff fluid brand	XTR	

DRIVETRAIN

Clutch shoes & springs	Reds Quattro 2 carbon/2 aluminum, 1.0 springs, M setting
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	KO Propo
Radio model	EX/RR
Receiver brand	KO Propo
Steering servo brand	Xpert
Steering servo model	GS-6401
Throttle servo brand	Xpert
Throttle servo model	GS-6401
Transponder ID	7874596