Yokomo BD FWD

Setup: Rug Racers/Hertford setup · Chris Morgan (SCModels) · Jan 13, 2024

so dialed
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EVENT

Event	Christmas race
Class	Frontie

TRACK

Track	Indoor Raceway Stevenage
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth/Medium / Medium
Air temp	20°C (68°F)

RESULTS

Race type	Qualifier
Race number	3
Finish	1st
Best lap	9.125 s
Average lap	9.952 s

FRONT SUSPENSION

Ackermann: inner steering link shims	1 mm
Anti-roll bar	1.2 mm
Bell crank	18 mm
BUMP STEER	
Bell crank post shims	1 mm
Outer steering link shims	1.5 mm
C-Hubs	Graphite
Camber	-2.5 degrees
CAMBER LINK	
Inner location	Out
Inner shims	2 mm
Outer shims	2 mm
FF mount shims	1.5 mm
FR mount shims	1.5 mm
SHOCKS	
Arm mounts	Out
Tower mounts	Mid
Steering blocks	Graphite
Toe	-2 degrees
TRACK	
Wheel hexes	4.0mm
Wheel shims	1 mm

ELECTRONICS

Battery brand	Fyrrework
Battery capacity	6300 mAh
Battery model	LiPo
ESC brand	Hobbywing
ESC model	G3
Motor brand	Hobbywing
Motor model	Justock
Motor timing	0 degrees
Motor wind	17.5 turns
Radio brand	Futaba
Radio model	4GRS
Receiver brand	Futaba
Receiver model	R304SB
Steering servo brand	SRT
Steering servo model	CH6012

REAR SUSPENSION

Anti-roll bar	None mm
Camber	-2 degrees
CAMBER LINK	
Inner location	Out
Inner shims	0 mm
Outer shims	2 mm
RF mount shims	1.5 mm
RR mount shims	1.5 mm
SHOCKS	
Arm mounts	Out
Tower mounts	Out
Toe	-2 degrees
TOE LINK	
Inner shims	0.5 mm
Outer shims	0 mm
TRACK	
Wheel hexes	4.0mm
Wheel shims	1 mm

BODY & CHASSIS

Battery position	Forward most position with TWorks quick release holder
Body	BittyDesign CA45 mounted 4mm forward
Body mounting	Kit mountings
Electronics layout	Servo R3/4, Motor L4, ESC L5
FLEX	
Chassis	Aluminum
Motor mount screws	3, 5
Upper deck	Standard
Rear wing	BRCA fixed position on all body's
Screws & turnbuckles	Moody fools Titanium screw set
Weight: total	1332 g
Weights	Front bumper 90gram kit weight

SHOCKS

	FRONT	REAR
Oil weight	450 cst	450 cst
Pistons	4 x 1.1mm	4 x 1.1mm
Springs	Linear 3.0	Prog 2-2.3
Stroke	8.0 mm	8.1 mm
Shock oil brand	Yokomo	

DRIVETRAIN

Diff fluid	1,000,000 cst
Diff fluid brand	CORE
Diff fluid mass	1.5 g
Diff type	Gear
Drive ratio - final	4.50
Drive ratio - internal	1.9
Driveshafts	Universal
Gear pitch	64
Pinion	43 teeth
Spur	102 teeth

NOTES Vacuum bled diff

TIRES

	FRONT	REAR
Tire additive	MR33 applied 20min before heat one application and leave	MR33 applied 20min before heat one application and leave
Tire brand / type	Ride BRCA Belted cut slick	Ride BRCA Belted cut slick
Wheel brand / type	Ride 6 spoke	Ride 6 spoke