Yokomo BD10F

Setup: Cotwolds FWD National 17/04/22 - Colin Jackson · Apr 18, 2022

so dialed
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EVENT

Event	2022 BRCA FWD National rd1
Class	FWD

TRACK

Track	Cotswolds
Type	Outdoor asphalt
Grip / moisture	Medium / Dry
Surface / layout	Medium / Open
Air temp	22.5°C (73°F)
Track temp	32.5°C (91°F)

RESULTS

Race type	Main
Race number	6
Finish	5th
Best lap	19.83 s
Average lap	20.02 s

FRONT SUSPENSION

Ackermann: inner steering link spacers	1.0 mm
Anti-roll bar	1.3mm 3 stripe
Arms	55mm
Bumpsteer: outer steering link spacers	2.0 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	3 - Middle
Inner stud spacers	1.5 mm
Outer stud spacers	2.0 mm
Differential height	Low
Droop	4.2 mm
FF mount	A
FF mount inserts	4 out
FF mount spacers	2.0 mm
FR mount	A
FR mount inserts	4 out
FR mount spacers	2.0 mm
Ride height	5 mm
Shocks: tower mounting hole	2 - Middle
Toe	-1 degrees
TRACK	
Axle spacers	0 mm
Wheel hexes	+4.0mm
Wheelbase: arm spacers - F/R	1 / 1.5 mm

NOTES Droop measured under lowest part of C hub

REAR SUSPENSION

Anti-roll bar	1.3mm 3 stripe
Arms	57mm
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	2 - Outside
Inner stud spacers	0 mm
Outer stud spacers	1.0 mm
Droop	2 mm
RF mount	NA
RF mount inserts	5 in
RF mount spacers	2.0 mm
Ride height	6.0 mm
RR mount	A
RR mount inserts	2 in
RR mount spacers	2.0 mm
Shocks: tower mounting hole	1 - Inside
TRACK	
Axle spacers	0 mm
Wheel hexes	+6.0mm
Wheelbase: arm spacers - F/R	1.5 / 1 mm

NOTES Droop measured under lowest part of hub

TIRES

	FRONT	REAR
Tire additive	Spider red	Spider red
Tire additive area	Inside, Mid-in, Mid-out, Outside	Inside, Mid-in, Mid-out, Outside
Tire brand / type	Ride	Ride
Tire compound	BRCA	BRCA
Tire insert	BRCA	–
Tire prep	20@60	20@60
Wheel brand / type	Ride BRCA	Ride BRCA

NOTES Tyres 10 runs old at start of day. Fronts near slick

SHOCKS

	FRONT	REAR
Bladders	Std	Std
Oil weight	450 cst	450 cst
Pistons	4 x 1.1mm	4 x 1.1mm
Rebound	0 %	0 %
Springs	Xray 2.5-2.8	Xray 2.8
Stroke	8.0 mm	8.1 mm

Shock oil brand: XTR

DRIVETRAIN

Diff fluid brand	XTR
Diff fluid mass	1.4 g
Diff fluid weight	500,000 cst
Diff type	Gear
Drive ratio - final	2.75
Drive ratio - internal	1.9
Driveshafts - front	Universal
Gear pitch	64
Spur	82 teeth

NOTES Arrowmax light pinion

BODY & CHASSIS

Battery position	Removed holder to move battery 7mm forward to servo
Body	BLITZ MK9 0.5MM
Body to bumper distance	6 mm
FLEX	
Center mount screws	1 - Front, 2, 3, 4, 5
Chassis stiffener	Aluminum
Chassis stiffener screws	1 - Front, 2, 3, 4, 5, 6 - Sides, 7
Upper deck post screw	Yes
Rear wing	30 X 15 mm
Weight balance (F/R)	70/30
Weight: total	1268 g
Weights	Bumper 130g

ELECTRONICS

Battery brand	**Team Zombie**
Battery capacity	**4400 mAh**
Battery model	**4400 LCG**
ESC brand	**Hobbywing**
ESC model	**BRCA**
ESC settings	**Max everything** **Drag break 20%**
Motor brand	**Hobbywing**
Motor model	**BRCA**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**100 %**
Radio EPA throttle	**100 %**
Radio model	**Zz**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**482**
Steering servo brand	**Sanwa/Airtronics**
Steering servo model	**SGS**
Transponder ID	**MRT**

NOTES 13.2amps from 7v discharge

NOTES Steering lock 28 degree