HB D418

Setup: Turf/carpet · Ryan Sobczak (HB Racing) · Mar 29, 2025

so dialed
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EVENT	
Event	Club Racing

TRACK	
Track	The Toy Box/Dollar Hobbyz
Type	Indoor carpet
Grip / moisture	High
Surface / layout	Smooth / Tight
Air temp	70°F (21°C)
Track temp	70°F (21°C)

FRONT SUSPENSION

Anti-roll bar	2.0mm (##204415)
Arm covers	Graphite
Arms	D413 Hard
Axle height: steering block spacers	Top 0mm / bottom 2mm - high
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Outside
Inner stud spacers	0 mm
Outer stud location	B - Outside
Outer stud spacers	0 mm
FF (A) mount spacers	1.0 mm
FF (A) mounts	3
FR (B) mount spacers	1.0 mm
FR (B) mounts	1
Hub carriers	12.5 degree
Ride height	14mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	Outer Narrow tower
Steering block	Kit
Steering block arm	Type 4
STEERING LINK	
Inner stud spacers	1 mm
Outer stud spacers	1 mm
Steering rack	Aluminum / Carpet
Steering rack orientation	Minus up / dot forward
Toe	-1 degrees
Tower	Carbon fiber
Track: wheel hexes	Narrow

REAR SUSPENSION

Anti-roll bar	1.6mm
Arm covers	Graphite
Arms	D413 Hard
Axle height: hub pin location	High (low pin)
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	1 - Inside
Inner stud spacers	0 mm
Outer stud location	B - Inside top
Gearbox	High grip
Hubs	D413
RF (C) mount spacers	0.5 mm
RF (C) mounts	5
Ride height	14mm
RR (D) mount spacers	2.0 mm
RR (D) mounts	3
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Top middle
Tower	Carbon fiber
Track: wheel hexes	Wide
Wheelbase: arm spacers	Front 0.5mm / rear 1.0mm

TIRES

	FRONT	REAR
Tire brand / type	JCONCEPTS	JCONCEPTS
Tire compound	Silver	Silver
Tire insert	Closed-cell	–
Tire prep	Sand half tread down	Sand half tread down
Wheel brand / type	HB White	HB White

SHOCKS

	FRONT	REAR
Bodies	Kit	Kit
Oil weight	850 cst	500 cst
Pistons	2 x 1.6mm	2 x 1.7mm
Shock bladder	Standard	Standard
Shock length	78 mm	92.5 mm
Springs	38mm 75gF	52mm 50gF
Shock oil brand	J&T	

NOTES Bladder cut out emulsion style

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	7,000 cst
Center diff fluid	150,000 cst	
Diff fluid brand	J&T	

DRIVETRAIN

Drive type	Center differential
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	26 teeth
Spur	72 teeth

BODY & CHASSIS

Battery position	1 - Front
Body	JConcepts D418
Rear wing	JConcepts D418
Weight balance (F/R)	50 / 50

ELECTRONICS

Battery brand	Muchmore
Battery C rating	130
Battery capacity	4200 mAh
ESC brand	Muchmore
ESC model	Fleta Pro V2
Motor brand	Muchmore
Motor timing	42 degrees
Motor wind	13.5 turns
Radio brand	Sanwa/Airtronics
Radio EPA throttle	100 %
Radio model	M17
Receiver brand	Sanwa/Airtronics
Receiver model	481
Steering servo brand	ProTek
Steering servo model	160T