AE RC8 B4.1

Setup: Indy rc world base · Walter Vining · Dec 9, 2024

so dialed
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TRACK

Track	Indy rc world
Type	Indoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Medium/Bumpy / Medium
Air temp	50°F (10°C)

RESULTS

Race type	Practice
Race number	1
Finish	6th

FRONT SUSPENSION

A mount inserts	Mid
Ackermann: inner link position	2 - Mid
Anti-roll bar	2.2 mm
Anti-roll bar end gap	2.0 mm
B mount inserts	Mid
Bump steer: outer steering link shims	2 mm
Camber: upper pillow ball shims	1.4 mm
Caster: upper arm shims	0 mm
Droop	105 mm
Lower arm stiffeners	None
Lower arms	Kit
SHOCKS	
Arm mounts	B - Out
Tower mounts	2 - Mid
Steering block arm	+1 degree
Tower	Aluminum
TRACK	
Lower pillow ball shims	0.7 mm
Wheel hexes	+0mm
Upper arm stiffeners	None
UPPER ARM	
Mount inserts - F	Center
Mount inserts - R	Center
Upper arms	Soft
Wheelbase: lower arm shims	1 mm

BODY & CHASSIS

Body	B4 Mu
Chassis layout	RWB
Nose cone	None
Radio tray braces	Brace & transponder mount
Rear chassis brace insert	Kit
Rear chassis brace pivot	Kit
Rear chassis brace screws	Front, Rear
Rear wing	Protek
Rear wing angle	2 degrees
Rear wing height	High
Rear wing mount	Kit

REAR SUSPENSION

Anti-roll bar	2.5 mm
Anti-roll bar end gap	0 mm
Anti-roll bar mounts	Wide
Arm stiffeners	None
Arms	Soft
Axle height	Low
C mount	HRC narrow
C mount inserts	Down
Camber	-2 degrees
CAMBER LINK	
Inner location	1 - Inside down
Outer location	Opt tower: C - Up out
D mount	HRC narrow
D mount inserts	Down
Ride height	26 mm
SHOCKS	
Arm mounts	C - Out
Tower mounts	3 - Mid
Tower	Aluminum
Track: wheel hexes	+0mm
WHEELBASE	
Arm shims	1 mm
Hub shims	1 mm

ENGINE

Engine brand	FX
Engine model	K303
Fuel	Vp lutz blend
Glow plug	P3

ELECTRONICS

Radio brand	Futaba
Radio model	10px
Steering servo brand	NitroPro
Steering servo model	Ct2
Steering servo speed	76
Throttle servo brand	NitroPro
Throttle servo model	Ct2

SHOCKS

	FRONT	REAR
Bladders	Kit	Kit
Eyelets	0 mm	+4 mm
Oil weight	575	350 cst
Pistons	Wiggins	Wiggins
Rebound	0 %	0 %
Shock length	101 mm	126 mm
Springs	5.1lb White	Tekno orange 72
Shock oil brand	Jtp	

NOTES Wiggins pistons

DIFFERENTIALS

	FRONT	REAR
Diff fluid	15,000 cst	10,000 cst
Diff gears	Low traction	Low traction
Diff ratio	44/13	44/13
Center diff fluid	10,000 cst	
Center diff gears	High traction	

NOTES Might actually need to go down a bit on the front

DRIVETRAIN

Brake bias	More front
Clutch shoes	2 composite, 2 aluminum
Clutch springs	2 green, 2 gold
Drive ratio - internal	3.385
Driveshafts - front	92mm Universal
Driveshafts - rear	92mm Universal
Pinion	13 teeth
Spur	47 teeth