AE RC8 B4.1

Setup: My Base Setup · Sea sepulveda · Jun 23, 2024

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TRACK

Track	Silver bowl
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Medium / Open
Air temp	100°F (38°C)

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	0 mm
Camber: upper pillow ball shims	1.4 mm
Caster: upper arm shims	1 mm
Droop	105 mm
Lower arm stiffeners	None
Lower arms	Kit
Ride height	24 mm
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

TIRES

	FRONT	REAR
Tire brand / type	Proline hole shots	Proline hole shots
Tire compound	soft	Soft
Tire insert	Closed-cell	Proline foam
Wheel brand / type	Proline	Proline

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 LINK	
Inner location	1 - Inside down
Outer location	C - 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	OS
Engine model	2103 type s
Fuel	Flash point
Glow plug	O.S. Gold
Head clearance	O.S. Stock
Pipe / header	Protek samurai pipe / O.S. 75mm header
Restrictor	6.5

NOTES Amazing engine combined with the RC8b4.1

ELECTRONICS

Radio brand	Sanwa/Airtronics
Radio model	M12S
Receiver battery	Proline 2s lipo
Receiver brand	Sanwa/Airtronics
Steering servo brand	ProTek
Steering servo model	PT 170 tbl “black label”
Steering servo speed	-50
Throttle servo brand	ProTek
Throttle servo model	Pt 170 sbl “black label”

SHOCKS

	FRONT	REAR
Bladders	Kit	Kit
Eyelets	0 mm	+4 mm
Oil weight	45 wt	30 wt
Pistons	6x1.4mm flat	6x1.5mm tapered
Shock length	101 mm	126 mm
Springs	5.1lb White	3.7lb Pink
Shock oil brand	Team Associated	

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	

DRIVETRAIN

Clutch shoes	2 aluminum hard, 2 aluminum soft (O.S. Clutch kit)
Clutch springs	1.0, O.S. Springs
Drive ratio - internal	3.385
Driveshafts - front	92mm Universal
Driveshafts - rear	92mm Universal
Spur	47 teeth

BODY & CHASSIS

Body	B4 Mu
Chassis layout	RWB
Nose cone	Carbon front wing
Radio tray braces	Brace & transponder mount
Rear chassis brace insert	Kit
Rear chassis brace pivot	Metal pivot ball
Rear chassis brace screws	Front, Rear
Rear wing	Kit
Rear wing angle	2 degrees
Rear wing height	High
Rear wing mount	Kit