AE RC8 T3.1e

Setup: Hard Packed, Dusty, Bumpy · Marco R · Dec 14, 2021

so dialed
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TRACK

Track	Ultimate R/C
Type	Outdoor hard-packed

FRONT SUSPENSION

A mount inserts	Middle
Anti-roll bar	2.3mm Black
Anti-roll bar end gap	1.0 mm
B mount inserts	Middle
Camber	-2 degrees
Droop	109mm
LOWER ARM	
Pillow ball spacers	0 mm
Pillow balls	Steel
Stiffeners	None
Ride height	39 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2
Steering block arm	+2 degree
STEERING LINK	
Inner stud location	3
Outer stud spacers	0 mm
Toe	+2 degrees
Tower	Aluminum
Track: wheel hexes	Kit
Upper arm spacers (caster)	2.0mmF/0.9mmR mm
UPPER ARM	
Mount inserts - front	Center
Mount inserts - rear	Center
Pillow ball spacers	0 mm
Pillow balls	Steel
Stiffeners	None
Wheelbase: lower arm spacers	Long (behind arm) mm

NOTES Pushing on power after going to softer rear swaybar.

Went back to kit rear sway(2.7mm)

1. Raise upper arms for more mid to exit steering.

2. Less front droop

3. Upper Arms more forward. 0.9mmf/2.9mmr (try this first) DONE 5/26/2020. Testing needed.

Go back to kit rear sway and/or stiffer rear spring. Maybe even 50Cst increase in rear.

REAR SUSPENSION

Anti-roll bar	2.7mm Blue
Anti-roll bar end gap	1.0 mm
Arm stiffeners	None
Arms	Kit
Axle height: hub pin hole	Low (high pin)
C mount inserts	In
Camber	-1 degrees
CAMBER LINK	
Inner stud location	4 - Outside bottom
Outer stud location	A - Inside
D mount inserts	In
Droop	128mm
Hubs	Kit
Ride height	41 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2
Toe	No idea degrees
Tower	Aluminum
Track: wheel hexes	Kit
WHEELBASE	
Arm spacers	Short (behind arm)
Hub spacers	Hub max forward.

NOTES Try increasing anti squat for more rear traction.

DRIVETRAIN

Driveshafts - front	133mm CVA
Driveshafts - rear	133mm CVA
Pinion	16 teeth
Spur	46 teeth

TIRES

	FRONT	REAR
Tire brand / type	Pro-Line Racing Buckshots	Pro-Line Racing Buckshots
Tire compound	S3	S3
Tire insert	Closed-cell	Closed-cell
Tire prep	Lip Inside	Lip inside
Wheel brand / type	Pro-Line Racing	Pro-Line Racing

NOTES Tested JConcepts Reflex in Blue compound (50% worn) and truck felt faster and more dialed. Curious to see how a new set would perform.

SHOCKS

	FRONT	REAR
Bodies	30.5mm	39.5mm
Caps	Bleeder	Bleeder
Oil weight	45 wt	42.5 wt
Pistons	6 x 1.3mm	6 x 1.3mm
Rebound	10 %	10 %
Shafts	33.5mm	42.5mm
Shock length	109 mm	128 mm
Springs	White	Gray
Shock oil brand	Team Losi	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	3,000 cst
Diff gears	HTC	HTC
Center diff fluid	5,000 cst	
Center diff gears	HTC	

NOTES Go to LTC gears.

Test 10/7/3 for new gear set.

Installed LTC, 7/5/3 5/26/2020. Testing to follow.

7/5/3 LTC - Feels good but could use more drive off center and slightly
Thicker in front to reduce ballooning.

BODY & CHASSIS

Body	JConcepts
Chassis brace - front	Long
Chassis brace - rear	Long
Rear wing	HB Wing Wickerbill installed.
Rear wing mount	High
Weights	42g in rear in front of rear bulkhead

NOTES Try short front brace

ELECTRONICS

Battery brand	Pro-Match Racing
Battery C rating	75
Battery capacity	6500 mAh
ESC brand	Hobbywing
ESC model	Xerun XR8 Plus
Motor brand	Hobbywing
Motor Kv constant	1900 Kv
Radio brand	Futaba
Radio model	4PV
Receiver model	RS304sb
Steering servo brand	Savox