AE RC8 T3.1e

Setup: Gulf Coast Raceway 9-20-2020 · Marco R · Sep 28, 2020

so dialed
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EVENT

Event	Open Practice

TRACK

Track	Gulf Coast Raceway
Type	Outdoor hard-packed
Grip / moisture	Medium / Dusty
Surface / layout	Medium / Medium
Track temp	75°F (24°C)

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	108 mm
LOWER ARM	
Pillow ball spacers	0 mm
Pillow balls	Steel
Stiffeners	None
Ride height	38 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	4
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)	0.9F/3R 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	Short (front of arm) mm

NOTES To try/test:

Upper arms forward.
This worked!!! Turn in and able to hug the pipe on the oval

Ackerman(rearward)

Front roll center???

REAR SUSPENSION

Anti-roll bar	2.7mm Blue
Anti-roll bar end gap	0 mm
Arm stiffeners	None
Arms	Kit
Axle height: hub pin hole	Low (high pin)
C mount inserts	Down
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	A - Inside
D mount inserts	Down and out
Droop	127.5 mm
Hubs	Kit
Ride height	41 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2
Toe	-2.5 degrees
Tower	Aluminum
Track: wheel hexes	Kit
WHEELBASE	
Arm spacers	Short (behind arm)
Hub spacers	0

NOTES Good traction, I'm able to to WOT right after/on the tabletop down the back straight. Good stability in bumps.

BODY & CHASSIS

Body	JConcepts Finnisher
Chassis brace - front	Short
Chassis brace - rear	Short
Rear wing	HB
Rear wing mount	High
Weights	42g in rear in front of rear bulkhead

NOTES Need to test short rear brace.

Seem to give the rear end more traction

SHOCKS

	FRONT	REAR
Bodies	30.5mm	39.5mm
Caps	Bleeder	Bleeder
Oil weight	45 wt	45 wt
Pistons	VRP XV3 8x1.2	VRP XV3 8x1.3
Rebound	0 %	0 %
Shafts	33.5mm	42.5mm
Shock length	108 mm	127.5 mm
Springs	Blue	Blue
Shock oil brand	Team Associated	

NOTES Maybe try 42.5 or 40 in rear shocks.

DIFFERENTIALS

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

NOTES HTC are in. Feels like a bit more traction.

DRIVETRAIN

Driveshafts - front	133mm CVA
Driveshafts - rear	133mm CVA
Pinion	13 teeth
Spur	46 teeth

TIRES

	FRONT	REAR
Tire brand / type	JConcepts Reflex	JConcepts Reflex
Tire compound	Blue	Blue
Tire insert	JConcepts	JConcepts
Wheel brand / type	JConcepts	JConcepts