AE RC8 B4.1

Setup: Adobe base · Adam Peters · Sep 13, 2024

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EVENT

Event	Series #4

TRACK

Track	Adobe Mountain
Type	Outdoor loose/loamy
Grip / moisture	Low / Wet
Surface / layout	Bumpy / Medium
Air temp	105°F (41°C)

RESULTS

Race type	Main
Finish	1st

FRONT SUSPENSION

A mount inserts	Up
Ackermann: inner link position	1 - Front
Anti-roll bar	2.1 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	0 mm
Caster: upper arm shims	0 mm
Droop	2 below 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 mm
Wheel hexes	+0mm
Upper arm stiffeners	None
UPPER ARM	
Mount inserts - F	Out
Mount inserts - R	Out
Upper arms	Soft
Wheelbase: lower arm shims	1 mm

TIRES

	FRONT	REAR
Tire brand / type	JC teazers	JC teazers
Tire compound	Blue	Blue
Tire insert	Stock	Stock
Wheel brand / type	Jc	Jc

REAR SUSPENSION

Anti-roll bar	2.4 mm
Anti-roll bar end gap	0 mm
Anti-roll bar mounts	Wide
Arm stiffeners	None
Arms	Soft
Axle height	Low
C mount	LRC narrow
C mount inserts	Center
CAMBER LINK	
Inner location	1 - Inside down
Outer location	B - Mid
D mount	HRC narrow
D mount inserts	Down
Ride height	26 mm
SHOCKS	
Arm mounts	C - Out
Tower mounts	4 - Mid-out
Tower	Aluminum
Track: wheel hexes	+0mm
WHEELBASE	
Arm shims	1 mm
Hub shims	1 mm

DRIVETRAIN

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
Spur	47 teeth

SHOCKS

	FRONT	REAR
Bladders	Emulsion	Emulsion
Eyelets	+2 mm	+4 mm
Oil weight	42.5 wt	37.5 wt
Pistons	3x1.35 3x1.45	3x1.35 3x1.50 tapered
Shock length	2mm below “droop” mm	4 below “droop” mm
Springs	TLR evo silver	Tekno yellow
Shock oil brand	Team Associated	

NOTES Bleed shocks, set shocks in the sun mid day for 10 minutes then bleed them

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	4,000 cst
Diff gears	HTC	HTC
Diff mass	2.25g	2.25g
Diff ratio	44/13	44/13
Center diff fluid	7,000 cst	
Center diff gears	HTC	
Center diff mass	2.25g	

BODY & CHASSIS

Body	Jc s15
Chassis layout	RWB
Nose cone	None
Radio tray braces	Transponder mount
Rear chassis brace insert	None
Rear chassis brace pivot	Kit
Rear chassis brace screws	Front, Rear
Rear wing	JC Razor
Rear wing angle	2 degrees
Rear wing height	Low
Rear wing mount	Kit
Weights	30g rear weight