AE TC3 and TC3 FT

Setup: My Base Setup · Mathew Gaftunik · Aug 19, 2020

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TRACK

Track	Kannapolis Raceway Park
Type	Outdoor asphalt
Grip / moisture	Medium / Dry
Surface / layout	Bumpy / Tight

FRONT SUSPENSION

Anti-roll bar	None
Arms	Composite
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Inner stud spacers	0 mm
Outer stud spacers	0 mm
Droop	2 mm
FF mount	F+2
FR mount	F
Hub carriers	Composite 4 degree
Ride height	6.5 mm
Shocks: tower mounting hole	3 - Outside
Steering blocks	Composite
STEERING LINK	
Inner stud spacers	0 mm
Outer stud location	B - Outside
Outer stud spacers	0 mm
Toe	+0.5 degrees
Tower	Composite
Wheel hex	Composite

ELECTRONICS

ESC brand	Hobbywing
ESC model	Justock
ESC settings	20% drag brake.
Motor model	Novak Ballistic 25.5
Radio EPA steering	70 %
Radio EPA throttle	100 %

REAR SUSPENSION

Anti-roll bar	None
Arms	Composite
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Inner stud spacers	0 mm
Outer stud location	A - Inside
Outer stud spacers	0 mm
Droop	3 mm
Hubs	Composite
RF mounts	R
Ride height	5.5 mm
RR mounts	R+3+2
Shocks: tower mounting hole	3 - Outside
Tower	Composite
Wheel hex	Composite
Wheelbase (hub spacers)	Medium

BODY & CHASSIS

Battery position	Rear most
Body	Protoform Mustang
Chassis	Composite
Chassis braces - front	Composite
Chassis braces - rear	Composite
Weight balance (F/R)	42 / 58
Weights	3 ounces needed to make weight. Applied to perfect the weight distribution.

SHOCKS

	FRONT	REAR
Bodies	FT Anodized	FT Anodized
Limiters - internal	2	2
Oil weight	25 wt	20 wt
Pistons	2 x 1.32mm #2	2 x 1.32mm #2
Springs	Gold 19.5	Green 12lb
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff type	Ball	Ball

DRIVETRAIN

Drive ratio - final	3.4
Drive ratio - internal	2.5
Driveshaft - center	Graphite
Driveshafts - front	Composite CVD
Driveshafts - rear	Composite CVD
Gear pitch	64
Spur	50 teeth

TIRES

	FRONT	REAR
Tire additive	Paragon	–
Tire brand / type	Proline VTA spec	Proline VTA
Tire prep	New tire was worn down slightly with 80g sandpaper. The Paragon was applied andntiresnwere quickly put in a plastic bag overnight. Race morning reapply Paragone tire softener and wipem off before putting on track. Initially very loose so wear the tires in before your race.	–

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