4WD Off-road Electric Template

Setup: My setup for big rock V3 with big bore 1/8th shock · Damien D (Hess' Raceplace) · Apr 26, 2022

so dialed
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TRACK

Track	All-terrain
Type	Outdoor loose/loamy
Grip / moisture	Medium/High / Dry
Surface / layout	Blown-out/Bumpy / Open/Medium
Air temp	65°F (18°C)
Track temp	85°F (29°C)

RESULTS

Race type	Main
Race number	42

FRONT SUSPENSION

Arms	**Stock**
Axle height	**6MM**
Camber	**-3 degrees**
CAMBER LINK	
Inner location	**Stock**
Inner spacers	**0 mm**
Outer location	**Stock**
Outer spacers	**0 mm**
Caster	**0 degrees**
Differential height	**Stock**
Droop	**4.5 mm**
Hub carriers	**Stock**
Kick-up	**0**
Ride height	**4.75 mm**
Steering blocks	**Kit**
STEERING LINK	
Inner location	**Stock**
Inner spacers	**0 mm**
Outer location	**Stock**
Outer spacers	**0 mm**
Suspension mounts	**Stock**
Toe	**+1 degrees**
Tower	**Stock**
Track: wheel hexes	**9.5mm**
Wheelbase: arm spacers	**Stock**

NOTES Front suspension is lower by 2.5MM to compensate for the power going to the rear wheels and the squat. Therefore leveling the truck during acceleration.

REAR SUSPENSION

Anti-squat	**0 degrees**
Arms	**Typhon RPM**
Axle height	**6mm**
CAMBER LINK	
Inner location	**Stock**
Inner spacers	**0 mm**
Outer location	**Stock**
Outer spacers	**0 mm**
Droop	**5 mm**
Hubs	**Stock**
Ride height	**5 mm**
Shock location	**Back**
SHOCKS	
Arm mounting hole	**Rpm arm first hole towards the wheel**
Tower mounting hole	**Stock**
Tower	**Stock**
Track: wheel hexes	**Stock**
WHEELBASE	
Arm spacers	**Stock**
Hub spacers	**Stock**

ELECTRONICS

Battery brand	**Spektrum/Zee**
Battery C rating	**50-80**
Battery capacity	**5000-5200 mAh**
Battery model	**Zee/spektrum**
ESC brand	**Castle**
ESC model	**Castle mamba monster 8s**
ESC settings	**Punch 0, BEC 7.2, and lipo setting.**
Motor brand	**Castle**
Motor Kv constant	**2650 Kv**
Motor model	**Nue-castle 1512 - 1Y**
Radio brand	**FlySky**
Radio EPA steering	**85 %**
Radio EPA throttle	**100 %**
Radio model	**GT3B**
Receiver brand	**FlySky**
Receiver model	**Stock GT3B**
Steering servo brand	**EcoPower**

NOTES I charge at 2amp every cycle to get the most life out of the battery's in the long run.

NOTES The motor is rated for 4s but performes best without any heat on 3s on 4s it got around 170F

SHOCKS

	FRONT	REAR
Pistons	**Kit**	**Kit**
Springs	**Kit**	**Kit**

DIFFERENTIALS

	FRONT	REAR
Diff fluid	**10,000 cst**	**15,000 cst**
Diff type	**Kit**	**Stock**

DRIVETRAIN

Driveshafts - front	**Stock**
Driveshafts - rear	**$30 aluminum Amazon special**
Pinion	**15 teeth**
Slipper clutch pads	**Stock**
Slipper clutch tightness	**Fully right and 3/4 if a turn out**
Spur	**57 teeth**

BODY & CHASSIS

Battery position	**Driver side**
Body	**Stock**
Chassis	**Kit**
Chassis braces	**Kit**
Motor position	**Offset middle rear**
Rear wing angle	**0 degrees**