Awesomatix A800MMX MMCX

Setup: Spec Car Black Carpet · Sean Guthrie · Feb 14, 2021

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TRACK

Track	Baseline
Type	Indoor carpet
Grip / moisture	Medium
Surface / layout	Medium / Medium

FRONT SUSPENSION

Anti-roll bar	1.1mm 1 strip
Bellcrank position	Dual
Camber	-1.5 degrees
Caster	4 degrees
Differential height	Low
Downstop	6.2mm on blocks mm
Lower arms	Standard 1+9.0 (#C04M1+9.0)
LOWER ARMS	
Inner pivot spacers - front	2.5 mm
Inner pivot spacers - rear	2.5 mm
Outer stud spacers	0 mm
Ride height	5.2 mm
Steering arms	Kit
Steering blocks	Kit
Steering crank type	Bellcrank
STEERING LINK	
Inner stud spacers	1.0 mm
Outer stud location	A - Inside
Outer stud spacers	4.0 mm
Steering rack spacers	1 mm
Toe	+1 degrees
Upper arm mounts	Kit
UPPER ARMS	
Inner stud location - front	1 - Inside
Inner stud location - rear	1 - Inside
Inner stud spacers - front	4.0 mm
Inner stud spacers - rear	4.0 mm
Outer stud spacers	1.75 mm
Wheel hex	Standard

REAR SUSPENSION

Anti-roll bar	1.1mm 1 strip
Camber	-2 degrees
Caster	-2.0 degrees
Differential height	High
Downstop	5.8mm on blocks mm
Lower arms	Standard 1+8.0 (#C04M1+8.0)
LOWER ARMS	
Inner pivot spacers - front	2.5 mm
Inner pivot spacers - rear	2.5 mm
Outer stud spacers	0 mm
Ride height	5.4 mm
Steering arm	Kit
Steering blocks	Kit
Toe	-3.0 degrees
TOE LINK	
Inner stud spacers	0 mm
Outer stud spacers	2.0mm
Upper arm mounts	Kit
UPPER ARMS	
Inner stud location - front	A - Inside
Inner stud location - rear	A - Inside
Inner stud spacers - front	3.5 mm
Inner stud spacers - rear	3.5 mm
Outer stud spacers	1.75 mm
Wheel hex	Standard

SHOCKS

	FRONT	REAR
A distance	3.0 mm	3.0 mm
B distance	3.0 mm	1.8 mm
Damper	New shock caps A800-ADC	New shock cups A800-ADC
Oil weight	55 wt	55 wt
PSS	0 %	0 %
Rotor	Kit	Kit
Springs	Soft	Soft
SRS/RHS arrangement	I	I
Torque	86.4	96.4
Shock oil brand	Team Associated	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	N/A cst	10,000 cst
Diff pulley	38T	38T
Diff type	Spool	Gear

NOTES AE diff fluid

DRIVETRAIN

Belt anti-skip system	Anti-skip
Belts	Kit
Drive ratio - internal	1.9
Driveshafts - front	US-Spec
Driveshafts - rear	Standard
Gear pitch	64
Pinion	27 teeth
Spur	114

BODY & CHASSIS

Battery position	**Center shorty**
Body	**Twister ultra-light weight**
Chassis	**Rebelion RC all weights horizontal screws only**
Motor mount screw positions	**1,2,3**
Rear wing	**Stock with side plates**
Top stiffener - front	
Top stiffener - rear	**Rear body brace.**
Upper deck - front	**C127S both lateral joints cut**
Upper deck - rear	**RC Maker 2.0**
Upper deck screws	**B,C, D, E**
Weight: total	**1350 g**
Weights	**10g AWX in both front locations, RC Maker center front, tungsten next to RX, stock right side motor mount weights, BW52 lightened. May need RC Maker center rear**

TIRES

	FRONT	REAR
Tire additive	**SXT Black**	**SXT Black**
Tire brand / type	**Jaco**	**Jaco**
Tire compound	**Blue**	**Blue**
Tire glue diameter	**58.5**	**NA**
Tire prep	**Clean with sauce. Full Sauce for 15 minutes.**	**Clean with sauce. Full sauce for 15 minutes.**

NOTES Glue front tires to 58.5mm

ELECTRONICS

Battery brand	**Reedy**
Battery capacity	**6100 mAh**
Battery model	**Shorty - #27347**
ESC brand	**Hobbywing**
ESC model	**XR10 Pro G2**
Motor brand	**R1**
Motor model	**V21**
Motor wind	**Spec classes 21.5 and 17.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**80 %**
Radio EPA throttle	**100 %**
Radio model	**M17**
Receiver brand	**Sanwa/Airtronics**
Steering servo brand	**Sanwa/Airtronics**
Steering servo model	**PGS-LH II**
Transponder ID	**6481586**

NOTES Throttle curve 30, brake rate 14 initial brake 20