Schumacher Mi8

Setup: Force raceway · Tim T (Willspeed) · May 5, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT	
Event	Club night

TRACK	
Track	Force raceway
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Outer steering link location	C - Kit steering arm
Anti-roll bar	1.3 mm
Bump steer: outer steering link shims	1 mm
Camber	-2 degrees
Caster	4 degrees
Differential/spool height	Mark at half way between facing rear and bottom
Droop	23.4 mm
FF arm mount shims	1 mm
FR arm mount shims	1 mm
Ride height	5.2 mm
Shocks: tower mounting hole	4 - Outside
Steering blocks	Kit
Steering travel - in/out	24.5 / 17.5 degrees
Toe	-1 degrees
TRACK	
Axle shims	0 mm
Wheel hexes	Medium
Upper link mounts	0 dot
Upper link type	Links
UPPER LINKS	
Inner stud shims	0 mm
Outer stud shims	3 mm

NOTES Body stops replaced with 10mm instead on 8mm screws

ELECTRONICS

Battery brand	Turnigy
Battery C rating	140
Battery capacity	5500 mAh
ESC brand	Hobbywing
ESC model	Juststock xr10
ESC settings	0% drag brake
Motor brand	Surpass
Motor model	Rocket V5R
Motor timing	48 degrees
Radio brand	Sanwa/Airtronics

NOTES 73% steering dual rate

REAR SUSPENSION

Anti-roll bar	1.1 mm
Camber	-2 degrees
Caster	4 degrees
Differential height	Mark facing front
Droop	21.4 mm
Hubs	Composite
RF arm mount shims	1 mm
Ride height	5.4 mm
RR arm mount shims	1 mm
Shocks: tower mounting hole	1 - Inside
Toe - active	2.3 degrees
Toe - active: shims	3 mm
Toe - static	2 degrees
TRACK	
Axle shims	1 mm
Wheel hexes	Medium
Upper link mounts	0 dot
Upper link type	Links
UPPER LINKS	
Inner stud shims	1 mm
Outer stud shims	3 mm

BODY & CHASSIS

Body	Montech imola
Body height - front	6 mm
Body stopper height	6 mm
Bumper	Kit
Bumper brace	Kit
FLEX	
Chassis	Carbon fiber
Chassis brace	None
Motor mount screws	1 - Front, 2, 3, 4
Upper deck	2.0mm
Upper deck dowel	Position A
Rear wing	Pre-cut
Rear wing height	114
Weight: total	1290 g

SHOCKS

	FRONT	REAR
Cap type	Vented	Vented
External limiters	0 mm	0 mm
Oil weight	300 cst	300 cst
Pistons	4 x 1mm	4 x 1mm
Springs	2.8 N/mm Yellow	2.9 N/mm Purple
Stroke	9 mm	9 mm

Shock oil brand	CORE

DIFFERENTIALS

	FRONT	REAR
Diff type	Spool	Gear
Diff fluid	–	12,000 cst

Rear diff fluid mass	1.6 g

DRIVETRAIN

Drive ratio - final	4.60
Drive ratio - internal	1.818
Gear pitch	48
Pinion	32 teeth
Spur	81 teeth

TIRES

	FRONT	REAR
Tire additive	MR32 v4 carpet	MR32 v4 carpet
Tire additive area	In, Mid-in	In, Mid-in, Mid-out, Out
Tire brand / type	Volante 28	Volante 28

NOTES Only additive on front tires during warm up. From then onwards just the inside front and full rear. Super glue front sidewalls.