Schumacher Mi8

Setup: DTCC · Tim T (Willspeed) · Jul 15, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT	
Event	Club night

TRACK	
Track	Doncaster touring car club
Type	Indoor carpet
Grip / moisture	Medium / Dusty
Surface / layout	Smooth / Tight
Air temp	17.5°C (64°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 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	Low
Droop	22.6 mm
FF arm mount shims	1 mm
FR arm mount shims	1 mm
Ride height	5.2 mm
Shocks: tower mounting hole	3 - Mid-out
Steering blocks	Aluminum
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	2 mm
Outer stud shims	3 mm

NOTES Move shocks inwards on front tower as grip increases during night

ELECTRONICS

Battery brand	Turnigy
Battery capacity	5500 mAh
ESC brand	Hobbywing
ESC model	Justock
Motor brand	Surpass
Motor model	Rocket V5R
Motor timing	45 degrees
Motor wind	17.5 turns
Radio brand	Sanwa/Airtronics
Radio EPA steering	80%
Receiver brand	Sanwa/Airtronics

NOTES Steering expo -15

REAR SUSPENSION

Anti-roll bar	1.2 mm
Camber	-2 degrees
Caster	4 degrees
Differential height	Low
Droop	21.4 mm
Hubs	Aluminum
RF arm mount shims	1 mm
Ride height	5.4 mm
RR arm mount shims	1 mm
Shocks: tower mounting hole	3 - Middle
Toe - active	5 degrees
Toe - active: shims	Hubs flipped mm
Toe - static	4 degrees
TRACK	
Axle shims	1 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

BODY & CHASSIS

Body height - front	6 mm
Body stopper height	3 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

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	–	8,000 cst
Rear diff fluid mass	1.6 g	

DRIVETRAIN

Drive ratio - final	4.57
Drive ratio - internal	1.818
Gear pitch	48
Pinion	31 teeth
Spur	78 teeth

NOTES final drive ratio = internal ratio * (spur / pinion)
pinion = (internal ratio * spur) / final drive ratio

TIRES

	FRONT	REAR
Tire additive	Spider green	Spider green
Tire additive area	In, Mid-in, Mid-out, Out	In, Mid-in, Mid-out, Out
Tire brand / type	Contact A30	Contact A30