Mardave Assassin Mini

Setup: Open track setup (medium to high grip) · MrMardave (Mardave) · Feb 16, 2024

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT

Event	Mini Masters

TRACK

Track	Eastbourne
Type	Indoor carpet
Grip / moisture	Medium/High / Dry
Surface / layout	Medium / Medium
Air temp	55°F (13°C)
Track temp	45°F (7°C)

RESULTS

Race type	Qualifier
Finish	12th

FRONT SUSPENSION

Ackermann: inner steering link shims	**2 mm**
Axle height: steering block shims	**0.5 mm**
Bump steer: outer steering link shims	**3 mm**
Camber	**0 degrees**
Caster	**4 degrees (2-1)**
Droop	**1 mm**
Kingpin brace	**GRP**
Kingpin fluid	**8,000 cst**
Kingpin shims	**Reduce hub height by 1 mm**
Ride height	**3.5 mm**
Ride height: wishbone shims	**0 mm**
Springs	**0.011lb Yellow**
Toe	**0 degrees**

NOTES Take 1mm off hub to release pre load on spring also gives droop

REAR SUSPENSION

Center pivot fluid	**20,000 cst**
Center pivot o-ring	**Single**
Droop	**1.5 mm**
Lowering plate	**Yes**
Rear pod	**Lowered**
Rear pod shims	**0 mm**
Ride height	**3.5 mm**

SPRINGS

Rear	**Side spring Nickle**
Side	**Soft Black**

NOTES Add red o ring under pivot ball to add side motion damping

TIRES

	FRONT	REAR
Tire additive	**Spider Blue**	**Spider Blue**
Tire additive area	**In**	**In, Mid-in, Mid, Mid-out, Out**
Tire additive time	**1min**	**20 mins min**
Tire brand / type	**Contact**	**Pro grip**
Tire compound	**Jm47fb**	**Medium/Hard**
Tire diameter	**42 mm**	**46.5 mm**
Wheel brand / type	**Contact**	**Pro Grip**

NOTES Super glue front face sand face after adding superglue till smooth round off side walls

DRIVETRAIN

Axle type	**Solid**
Gear pitch	**32**
Pinion	**17 teeth**
Spur	**48 teeth**
Z-drive	**No**

NOTES Std push on gears soaked in warm water before meeting

BODY & CHASSIS

Body	**Phat Bodies**
Chassis	**Carbon**
Motor shims	**2 mm**
Rear wing	**Yes**
Screws & turnbuckles	**Std**
Weight balance - F/R	**40 / 60**
Weight: total	**905 g**

NOTES Assassin Mardave lexan wing added

ELECTRONICS

Battery brand	**EP4600**
ESC brand	**Mardave HR3**
ESC mode	**Fwd/Brake**
ESC model	**HR3**
Motor model	**Mardave G2F20**
Motor wind	**20 turns**
Servo brand	**Power star mini**

NOTES 6amps

NOTES Use 2Tenths drop on brushes. Two drop 7 days before meeting