MWX R.1 Team Edition

Setup: 2025 PNWC GTLM · MWX Performance (MWX Performance) · Nov 17, 2025

so dialed
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EVENT	
Event	Pnwc worlds
Class	gtlm

TRACK	
Track	5280 raceway
Type	Indoor rcp foam
Grip / moisture	High / Dry
Surface / layout	Medium / Medium

RESULTS	
Best lap	10.6 s
Average lap	98.3 s

FRONT SUSPENSION

Ackermann: servo position	**Rear**
Camber	**-1 degrees**
Caster	**3 degrees**
Droop	**0 mm**
Ride height	**1.9 mm**
Steering block shims - bottom	**0.5 mm**
Steering block shims - top	**1.2 mm**
Toe	**3° degrees**
Toe: link length	**25.1 mm**
UPPER ARMS	
Front shims	**0 mm**
Rear shims	**0 mm**

NOTES HRC plate
Tie rods are measured outside to outside. Knuckle shim stack is for 21.8-22.0 tire dia. It's is rare that I change shims and you can run the car as low as 1.6mm ride height

TIRES

	FRONT	REAR
Tire adhesive	**Glue**	**Glue**
Tire brand / type	**Marka HG**	**V1 RR25**
Tire diameter	**22.0 USE 19mm front wheels mm**	**Full diameter mm**
Wheel brand / type	**AMG**	**MWX 11x20**
Wheel offset	**0 mm**	**3 mm**

NOTES Only ran one set of hg for the entire weekend. Started with HG front disc and finished with #4 disc. Sidewalls were glued

REAR SUSPENSION

Center pivot	**Kit**
Droop	**1mm**
FPM roll center	**.3 mm**
Ride height	**1.9-2.0 mm**
Ride height: axle carrier shims	**.6- 2 shims per side mm**

DRIVETRAIN

Axle	**Kit**
Differential balls	**Slipper rollers**
Differential lube	**Dry**
Differential tightness	**Very tight , almost locked out**
Differential type	**Slipper**
Spur	**53 teeth**

NOTES Due to the very high grip and smoothness of the track the car was significantly faster with a tight dif.

BODY & CHASSIS

Battery position	**Rear**
Bumper	**Mwx piranha clips**
Chassis	**Team Edition steel**

NOTES Used an XBility rear wing in the forward position

SHOCKS

Center shock fluid	**1up gold cst**
Center shock stroke	**Full mm**
CENTER SHOCK	
Front shims	**1.7 mm**
Rear shims	**1.5 mm**
Center spring pre-load	**Chassis and of even mm**
CENTER SPRING	
Compression	**Purple**
Droop	**White**
Fluid brand	**1up and Marka**
Front kingpin fluid	**1up gold cst**
Front spring pre-load	**0 mm**
Front springs	**Black**
Side shock fluid	**1up gold cst**
Side shock pre-load	**Zero mm**
Side shock shims - in/out	**1mm**
Side springs	**Red**

NOTES Very important to set with zero preload

ELECTRONICS

Battery brand	**MWX**
Battery capacity	**480 mAh**
Battery model	**Big block v2**
ESC brand	**MWX performance**
ESC model	**BT30 V1**
Motor brand	**Pn handout**
Servo brand	**MWXperformance**

NOTES 3a charge
4a discharge