Yokomo YZ-2 CAL3.1

Setup: SEMCC WS RND5 (EOS Carpet) · Yasir Mughal (SEMCS) · Feb 8, 2022

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EVENT	
Event	WS RND5

TRACK	
Track	SEMCC
Type	Indoor carpet
Grip / moisture	High/Medium
Surface / layout	Medium
Air temp	22.5°C (73°F)

RESULTS	
Race type	Main

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Outer steering link location	Kit steering arm
Anti-roll bar	1.0 mm
Arms	Kit
Axle height: hub shims - Up/Down	1.5 / 1 mm
Bump steer: outer steering link shims	0 mm
Camber	-2.0 degrees
Camber blocks	Aluminum Wide
CAMBER LINK	
Inner stud location	3 - Outside
Inner stud shims	1 mm
Outer stud location	A - Inside
Caster: hub carrier inserts	+5 degrees (5 up)
Hub carriers	3.1 Hard
Ride height	15 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	3 - Outside
Steering block arm	Graphite 1mm offset
Steering block orientation	A'/B'
Steering blocks	Hard
Steering center link shims	1.0 mm
Suspension mount	Steel
Suspension mount orientation	Upward
Toe	-0.5 degrees
Tower	Gull type graphite -3mm
Track: wheel hexes	4.3mm Aluminum
Wheelbase: hub carrier shims - F/R	0 / 1 mm

NOTES LMR wide front wing
Shocks spaced 2mm forward on tower

REAR SUSPENSION

Anti-roll bar	1.3 mm
Arms	L5
Axle height: hub insert	+0.5mm (1 down)
Camber	-2.0 degrees
Camber block	FUZION tower
CAMBER LINK	
Inner stud location	Alum mount / mid
Inner stud shims	5 mm
Outer mount direction	Inward
Outer mount shims	0 mm
Outer stud location	Inside
Outer stud shims	1 mm
Differential height	+2mm (2 up)
Hubs	Alum
RF mount	YZ-2T Aluminum
RF mount inserts	1 down and out
Ride height	15 mm
RR mount	Standard
RR mount inserts	1 down and in
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	4 - Mid-out
Tower	FUZION
Track: wheel hexes	6mm Aluminum
WHEELBASE	
Arm shims - F/R	2 / 0 mm
Hub shims - F/R	2 / 0 mm

NOTES FUZION rear tower, long high link position

TIRES

	FRONT	REAR
Tire brand / type	Schumacher cut stagger	Schumacher cactus
Tire compound	Yellow	Yellow
Tire insert	N/A	Schumacher Medium
Tire prep	N/A	N/A
Wheel brand / type	Schumacher Slim 2wd	Schumacher rear

NOTES Inners and outers cut off rear

SHOCKS

	FRONT	REAR
Eyelet length	Long	Medium
Limiters - int/ext	1 / 0 mm	1 /0 mm
Oil weight	55wt beta	50wt Beta
Pistons	2 x 1.6mm, 2.0mm thick black	2 x 1.7mm, 2.0mm thick black
Springs	Carpet RPU Purple	Carpet RPU Black - lightest RPUC
Stroke	22 mm	28 mm
Shock oil brand	Beta	

NOTES 1 x o ring external on rear

DRIVETRAIN

Differential fluid	50,000 cst
Differential fluid brand	Ultimate racing
Differential type	2-gear
Drive ratio - internal	2.6
Driveshafts	69mm Universal
Pinion	22 teeth
Spur	80 teeth
Transmission case	Laydown carpet

BODY & CHASSIS

	FRONT	REAR
Wing	LMR wide	LMR27
Battery position	Front post / 1 - front	
Body	F2 lightweight	
Chassis	CAL3.1	
Rear wing angle	Low degrees	
Rear wing trim	One line showing	
Turnbuckles & screws	RP titanium	
Weights	Steel Speedo plate	

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4500 mAh
ESC brand	Hobbywing
ESC model	G2S
Motor brand	Hobbywing
Motor model	G3
Motor timing	30 degrees
Motor wind	6 turns
Radio brand	Sanwa/Airtronics
Radio model	M17
Receiver brand	Sanwa/Airtronics
Servo brand	Sanwa/Airtronics
Servo model	Xb2