Yokomo YZ-2 CAL3.1

Setup: Indoor carpet · adam clayton · Oct 25, 2023

so dialed
Open/save in RC Setup App →

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EVENT

Event	Bury winter series

TRACK

Track	Chadderton indoors
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium
Air temp	20°C (68°F)
Track temp	15°C (59°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	2 mm
Outer steering link location	Kit steering arm
Anti-roll bar	1.0 mm
Arms	Kit
Axle height: hub shims - Up/Down	0 / 2.5 mm
Bump steer: outer steering link shims	1 mm
Camber	-2.0 degrees
Camber blocks	Aluminum Wide
CAMBER LINK	
Inner stud location	2 - Middle
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	14 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	2 - Middle
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 degrees
Tower	Gull type graphite -3mm
Track: wheel hexes	4.3mm Aluminum
Wheelbase: hub carrier shims - F/R	0 / 1 mm

REAR SUSPENSION

Anti-roll bar	1.3 mm
Arms	L5
Axle height: hub insert	+0.5mm (1 down)
Camber	-2.0 degrees
Camber block	3.1
CAMBER LINK	
Inner stud location	Kit mount
Inner stud shims	3 mm
Outer mount direction	Outward
Outer mount shims	0 mm
Outer stud location	Inside
Outer stud shims	1 mm
Differential height	+3mm (3 up)
Hubs	Kit
RF mount	Standard
RF mount inserts	0 center
Ride height	14 mm
RR mount	Standard
RR mount inserts	1 in
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	1 - Inside
Tower	5-hole Graphite
Track: wheel hexes	4.3mm Aluminum
WHEELBASE	
Arm shims - F/R	2 / 0 mm
Hub shims - F/R	2 / 0 mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher fusion 2wd	Schumacher cactus
Tire compound	Yellow	Yellow
Tire insert	Schumacher hard	Schumacher hard
Tire prep	Glue on outer wall	Non
Wheel brand / type	Yokomo	J concepts

SHOCKS

	FRONT	REAR
Eyelet length	Medium	Long
Limiters - int/ext	0 / 2 mm	0 / 2 mm
Oil weight	550 cst	500 cst
Pistons	2 x 1.6mm, 2.0mm thick black	2 x 1.8mm, 2.0mm thick black
Springs	AE red	AE blue
Stroke	22 mm	27 mm
Shock oil brand	CORE	

NOTES O rings as external shock limiters.

DRIVETRAIN

Differential fluid	7,000 cst
Differential fluid brand	Core rc
Differential type	4-gear
Drive ratio - internal	2.6
Driveshafts	69mm Universal
Pinion	22 teeth
Spur	80 teeth
Transmission case	Laydown carpet

NOTES May try 20k 2 gear next time

BODY & CHASSIS

	FRONT	REAR
Wing	Kit	LMR27
Battery position	Front post / 3	
Body	S2 Lightweight	
Chassis	CAL3.1	

ELECTRONICS

Battery brand	Team Orion
Battery C rating	128
Battery capacity	3800 mAh
ESC brand	Hobbywing
ESC model	Xr10 pro
Motor brand	LRP
Motor model	X12
Motor timing	30 degrees
Motor wind	6.5 turns
Servo brand	Savox
Servo model	1258 black