Mayako MX8E-22

Setup: 2023 Pro-Tek challenge · Alexander Richards (Me, myself, and I) · Aug 22, 2023

so dialed
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EVENT

Event	Pro-Tek Midwest Challeng

TRACK

Track	Dirt burners 23
Type	Outdoor blue groove
Grip / moisture	Medium/High / Dry
Surface / layout	Medium/Smooth / Medium/Open
Air temp	100°F (38°C)
Track temp	160°F (71°C)

FRONT SUSPENSION

A mount inserts	0 mm
A plate	0 mm
ACKERMANN	
Inner steering stud location	1 - Front
Steering arm	1 - Long
Anti-roll bar	2.2mm
Arm stiffeners	Plastic
Axle height: knuckle position	Middle
B mount inserts	0 mm
B plate	0 mm
BUMP STEER	
Inner steering stud location	Top
Inner steering stud shims	0 mm
Outer steering stud location	Top
Outer steering stud shims	0 mm
C-hubs	KPI-1 / Caster 2
Camber	-0.5 degrees
Camber link type	Links
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	2 - Middle
Camber: camber turnbuckle length	27.7 mm
Differential height	0 mm
Downtravel with tires	62 mm
Ride height	27 mm
Servo saver	No
SHOCKS	
Arm mounting hole	1 - Inside
Tower mounting hole	3
Toe	-1 degrees
Toe: steering turnbuckle length	39.6 mm
Tower	Aluminum
Tower mount	0 mm
Track: wheel hexes	5 mm
Wheelbase: arm position	Middle

REAR SUSPENSION

Anti-roll bar	2.5mm
Arm stiffeners	Plastic
C mount inserts	+0.5 mm
C plate	+1 mm
Camber	-2 degrees
Camber link type	Links
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	2 - Outside top
Camber: camber turnbuckle length	33.25 mm
D mount inserts	-1 mm
D plate	0 mm
Differential height	+1 mm
Droop	-5 mm
Hub height	+1 mm
Hubs	Optional #2
Ride height	28 mm
SHOCKS	
Arm mounting hole	1 - Inside
Tower mounting hole	3
Toe	3 degrees
Toe: C/D blocks	3.0 deg inboard, -1deg outboard 2 deg total. degrees
Tower	Aluminum
Track: wheel hexes	5 mm
Wheelbase: hub spacers - F	2 mm

SHOCKS

	FRONT	REAR
Eyelets	Short	Short
Oil weight	650 cst	600 cst
Pistons	6x1.3mm	6x1.4mm
Rebound	0 %	0 %
Shock type	Bladder	Bladder
Springs	65mm 8.5T Black	80mm 10.5T Brown

NOTES X-ray clear bladders

DIFFERENTIALS

	FRONT	REAR
Diff fluid	20,000 cst	10,000 cst
Diff mass	2.7 g	2.7 g

Center diff fluid	15,000 cst
Center diff mass	6.0 g

DRIVETRAIN

Drive ratio - internal	3.214
Driveshafts - front	CVD
Driveshafts - rear	91mm Universal
Pinion	16 teeth
Spur	48 teeth

BODY & CHASSIS

Body	MX8
Rear wing	Kit
Rear wing gurney	Small
Rear wing position	3
Upper brace - front	None
Upper brace - rear	None