PR Racing SB401-R

Setup: The Track · Eric Muller · Feb 9, 2022

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TRACK

Track	The Track Ryan lutz's Tweeked
Type	Indoor blue groove
Grip / moisture	High / Wet
Surface / layout	Smooth / Tight
Air temp	65°F (18°C)
Track temp	65°F (18°C)

FRONT SUSPENSION

Anti-roll bar	1.5mm
Arms	Medium
Axle height (spindle spacers)	Low
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	A - Back
Outer stud spacers	0
FF mount inserts	0 center
FF mount spacers	0 mm
FR mount inserts	0 center
FR mount spacers	0 mm
Hub carriers (caster)	11 degree
Ride height	17 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Middle
Steering bellcrank: arm stud location	Back
Steering blocks	Kit
STEERING LINK	
Inner stud location	Front
Inner stud spacers	0 mm
Outer stud spacers	2 mm
Toe	+1.0 degrees
Tower	Kit
Wheel hex	4.2mm
Wheelbase (arm spacers)	Long (arm forward)

TIRES

	FRONT	REAR
Tire brand / type	Proline	Proline
Tire compound	S3	S3
Tire insert	Open-cell	Open-cell
Tire prep	Slick	Slick
Wheel brand / type	PR front	PR rear

REAR SUSPENSION

Anti-roll bar	1.6mm
Arms	Medium
Axle height (hub pin location)	High (low pin)
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	D - Back outside
Outer stud spacers	1 mm
Hubs	Kit
RF mount inserts	0 center
RF mount spacers (anti-squat)	0 mm
Ride height	18 mm
RR mount inserts	1 down and out
RR mount spacers	0 mm
SHOCKS	
Arm mounting hole	Hard arm inner location
Tower mounting hole	2 - Middle
Tower	Kit
Wheel hex	5.2mm
Wheelbase (arm spacers)	Long (arm back)
Wheelbase (hub spacers)	Middle

BODY & CHASSIS

	FRONT	REAR
Wing	–	Kit 1
Battery position	Forward	
Body	Kit	
Chassis	2mm Aluminum	
Chassis brace - front	Brace and plate	
Chassis brace - rear	Brace and plate	
Rear wing height	Low	

SHOCKS

	FRONT	REAR
Oil weight	AE 35wt	AE 32.5wt
Pistons	3 x 1.5mm machined	3 x 1.5mm machined
Springs	Green 4.20lb	Yellow 2.70lb
Stroke	–	0 mm
Shock oil brand	Team Associated	

NOTES About 12 turns front pre load
8 turns rear pre load

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	10,000 cst
Diff type	4-gear	4-gear
Center diff fluid	200,000	

NOTES Lutz uses
15k front
30k center
12k rear

DRIVETRAIN

Drive ratio - internal	2.6
Drive type	Differential
Driveshaft - center front	68mm
Driveshaft - center rear	78mm
Driveshafts - front	75mm CVD
Driveshafts - rear	65mm CVD
Pinion	20 teeth
Spur	81 teeth