PR Racing SB401-R

Setup: Herts · Apr 20, 2026

so dialed
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EVENT		TRACK		RESULTS	
Event	Mid south regional	Track	Herts	Race type	Main
		Type	Outdoor astroturf	Race number	B
		Grip / moisture	Medium / Dry	Finish	4th
		Surface / layout	Bumpy / Medium		

FRONT SUSPENSION

Anti-roll bar	1.5mm
Arms	Graphite
Axle height (spindle spacers)	High
Camber	-2.0 degrees
CAMBER LINK	
Inner stud location	3 - Top
Outer stud location	A - Back
Outer stud spacers	0
FF mount inserts	1 up and out
FF mount spacers	0 mm
FR mount inserts	1 up and out
FR mount spacers	3 mm
Hub carriers (caster)	8 degree
Ride height	18mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Middle
Steering bellcrank: arm stud location	Front
Steering blocks	Kit
STEERING LINK	
Inner stud location	Front
Inner stud spacers	2 mm
Outer stud spacers	0 mm
Toe	-1.0 degrees
Tower	Kit
Wheel hex	4.2mm
Wheelbase (arm spacers)	Long (arm forward)

NOTES TLR double jointed driveshaft
Centre diff out drive cups

REAR SUSPENSION

Anti-roll bar	1.6mm
Arms	Graphite
Axle height (hub pin location)	Low (high pin)
Camber	-2.0 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	D - Back outside
Outer stud spacers	0 mm
Hubs	Plastic hubs
RF mount inserts	1 up and in
RF mount spacers (anti-squat)	1 mm
Ride height	18mm
RR mount inserts	1 up
RR mount spacers	0 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Outside
Tower	Kit
Wheel hex	5.2mm
Wheelbase (arm spacers)	Long (arm back)
Wheelbase (hub spacers)	Long (hub back)

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
Limiters (internal/external)	1mm up stop mm	1mm up stop mm
Oil weight	45 wt	35 wt
Pistons	2 x 1.8mm	2 x 2.0mm
Spring pre-load	6.5 mm	6.0 mm
Springs	Green 4.20lb	Green 3.00lb
Stroke	22.2 mm	27.4 mm
Shock oil brand	Team Losi	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	7,000 cst
Diff type	4-gear	4-gear
Center diff fluid	500,000	

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
Slipper tightness	1.1-1.3 mm
Spur	81 teeth

TIRES

	FRONT	REAR
Tire brand / type	Schumacher mezzo	Schumacher mezzo
Tire compound	Yellow	Yellow
Tire insert	Cragg	Cragg
Tire prep	Outside 3rows cut off,inside 2rows glue on side walls outside	–
Wheel brand / type	Jconcepts	Jconcepts