PR Racing B10R

Setup: Swindon · Jul 27, 2026

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EVENT	
Event	Practice
Class	2wd mod

TRACK	
Track	Swindon RC Off-Road Club
Type	Outdoor astroturf
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium/Tight

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	2 mm
Outer steering link location	In
Steering arms	Kit
Arms	Gull
Axle height	Middle
Bellcrank arm	Kit
Bump steer: outer steering link shims	0 mm
Camber	-2.0 degrees
CAMBER LINK	
Inner	In
Inner shims	2 mm
Outer	Out
Caster: hub carriers	5 degrees
Kick-up: arm mount	3-deg Alum
Ride height	15mm
SHOCKS	
Arm mounts	Out
Tower mounts	Out
Steering blocks	Kit
Toe	-1.0 degrees
Track: axle shims	1mm out
Wheelbase: hub shims	2 mm

REAR SUSPENSION

Anti-roll bar	1.2 mm
Arms	Medium
Camber	-2.0 degrees
CAMBER LINK	
Inner	Front
Inner shims	2 mm
Outer	Out / mid
Outer shims	0 mm
Differential height	High
Hub inserts	Centre middle
RF mount inserts	Center
RR mount inserts	Down and in
RR mount orientation	Down
SHOCKS	
Arm mounts	Mid
Tower mounts	Mid
Tower location	Back plus 2mm shims
Track: wheel hexes	+0 mm
WHEELBASE	
Arm shims	4mm front long wheelbase mm
Hub shims	3 rear mm

NOTES Ride height 15mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher staggered rib	Schumacher mezzo
Tire compound	Yellow	Yellow
Tire insert	No	Cragg med
Wheel brand / type	Proline	Proline

NOTES Front tyres glued down to rims

SHOCKS

	FRONT	REAR
Interior shim	0.1 mm	0.1 mm
Limiters - ext	1 mm	1 mm
Limiters - int	2 mm	2 mm
O-rings	Transparent	Transparent
Oil weight	450 cst	400 cst
Pistons	2 x 1.6mm machined	2 x 1.7mm machined
Shock bodies	12.8 mm	12.8 mm
Springs	Green 4.20lb	Green 3.00lb
Stroke	23mm	29.7mm
Shock oil brand	Arrowmax	

DRIVETRAIN

Clutch pads	11mm
Differential fluid	30,000
Differential fluid brand	TLR
Differential mass	21.5 g
Differential type	4-gear
Drive ratio - internal	2.62
Driveshafts	68mm CVD
Spur	81 teeth

NOTES Geardiff

BODY & CHASSIS

	FRONT	REAR
Wing	None	1mm
Battery position	Front	
Body	B10R	
FLEX		
Chassis	2.5mm	
Chassis stiffeners	Sides - alum	
Motor protector plate	Soft	
Rear wing angle	Standard	
Rear wing mount shim	No	
Weights	50gram under Lipo	

NOTES Ruddog carpet wing 6.5
1mm stainless steel plate under motor then forward to stop flex big help