XRAY XB2 '25

Setup: Winter whip 1066 · Lee · Feb 5, 2025

so dialed
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EVENT	
Event	Winter whip

TRACK	
Track	1066
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Medium
Air temp	20°C (68°F)

RESULTS	
Race type	Main
Race number	B
Finish	1st
Best lap	15.9 s
Average lap	16.3 s

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	3 mm
Steering arms	1 dot
Anti-roll bar	1.2 mm
Arm mount	+3 deg Alum
Arms	LSM Short Graphite (#322117/27-G)
Axle height	Long bushing up
Axle height shims	3m lower mm
Bump steer: outer steering link shims	1 mm
C-hub bushings	5 degrees
C-hubs	Graphite (#322210/20-G)
Camber	-1 degrees
CAMBER LINK	
Inner location	In
Inner shims	2 mm
Outer location	In
Kick-up	24.5 degrees
Ride height	14 mm
Roll center holder	Ws -1 alloy front
SHOCKS	
Arm mount balls	Rear
Arm mounts	Out
Tower mounts	Out
Steering bellcrank arms	Alum
Steering blocks	Aluminum (#322251/61)
Steering plate	Alum
Toe out	0.5 degrees
Track: wheel hexes	0 slots +0mm
Wheelbase: caster block shims	0 mm

NOTES Car much more direct into corners more on power steering

ELECTRONICS

Motor brand	Hobbywing
Motor wind	6.5 turns

REAR SUSPENSION

Anti-roll bar	1.4 mm
Arms	Graphite (#363114/24-G)
Camber	-1 degrees
CAMBER LINK	
Inner location	Front
Inner shims	3 mm
Outer location	Out
Outer mount shims	0 mm
Outer shims	2 mm
Differential height	3 dots up
RF mount inserts	1 up
Ride height	13 mm
Roll center holder	Aluminum
RR mount	3 degrees
RR mount inserts	0.5 down and out
RR mount shims	0 mm
SHOCKS	
Arm mount balls	Front
Arm mounts	Low / mid-out
Tower mounts	Mid-out
Toe	3 degrees
Track: wheel hexes	3 slots +2.25mm
Upright inserts	Up and out
Uprights	Graphite Lower
WHEELBASE	
Arm shims	2 mm
Upright shims	3 mm

NOTES Changing from 1deg holder with 1 down in pin

To 3 deg with 05 down and in on used tyres

TIRES

	FRONT	REAR
Tire brand / type	Splinter	Azamis
Tire compound	Yellow	Yellow
Tire insert	None	Rude bits
Wheel brand / type	Schumacher	Jconecpts

NOTES Rear azamis tyres were ok great wear got 6plus runs one set

SHOCKS

	FRONT	REAR
Collars	Ae 13mm +2	Ae 13m -2
Eyelets	0 mm	+4 mm
Limiters - ext	0 mm	0 mm
Limiters - int	0 mm	0 mm
Oil weight	400 cst	350 cst
Piston width	2.5mm	2.5mm
Pistons	2 x 1.6mm	2 x 1.8mm
Rebound	0 %	0 %
Springs	4 dot	4 dot
Stroke	20 mm	25 mm

Caps	Kit
Shock oil brand	Nu concept

NOTES Car felt better with lower front oils

DRIVETRAIN

Differential fluid	50,000 cst
Differential type	Steel - 4 gear
Drive ratio - internal	2.65
Drive type	Slipper
Driveshafts	77mm
Gearbox	5-Gear
Slipper clutch plates	Kit
Slipper clutch tightness	0 mm
Spur	78 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	Wide, ribbed	Lush

Battery holder hole	5
Battery holder orientation	Long side rear
Battery post	3
Body	Epsilon 2C Light
Electronics plate position	Front
FLEX	
Chassis	Mid, wide rear
Chassis brace screws	1 - Front, 4
Chassis flex screws	Front, Rear
Side braces	Kit
Motor plate	Alum -1mm
Rear wing center fin	No
Rear wing cutting line	0 mm
Rear wing height	Up
Rear wing length	68 mm
Rear wing position	1.5 mm
Servo position	Front