XRAY XB2 '24

Setup: Xb2 24d honeycomb on carpet test · Richard Simpson (Xray) · Jan 1, 2024

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EVENT

Event	Test

TRACK

Track	Bench Buddy
Type	Indoor carpet
Grip / moisture	Medium/Medium
Surface / layout	Smooth/Smooth / Medium/Medium
Air temp	10°C (50°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Steering arms	2 dot
Anti-roll bar	None mm
Arm mount	0 deg
Arms	LSM Medium (#322113/23-M)
Axle height	Long bushing up
Axle height shims	0 up/0 down mm
Bump steer: outer steering link shims	2 mm
C-hub bushings	5 degrees
C-hubs	Medium (#322210/20-M)
Camber	-2 degrees
CAMBER LINK	
Inner shims	2 mm
Outer location	1 - In
Kick-up	24.5 degrees
Ride height	19 mm
Roll center holder	Hard
SHOCKS	
Arm mount balls	Rear
Arm mounts	2 - Out
Tower mounts	3 - Mid-out
Steering bellcrank arms	Hard
Steering blocks	Medium
Steering plate	Hard
Toe	-1 degrees
Tower	4mm
Track: wheel hexes	0 slots +0mm
Wheelbase: caster block shims	1mm either side mm

REAR SUSPENSION

Anti-roll bar	None mm
Arms	Disengaged Med (#323113/23-M)
Camber	-2 degrees
CAMBER LINK	
Inner location	1 - In
Inner shims	2 mm
Outer location	In
Outer mount shims	0 mm
Outer shims	3 mm
Differential height	2
RF mount inserts	0.5 down and in
RF mount shims	0 mm
Ride height	19 mm
Roll center holder	Alum
RR mount	3 degrees
RR mount inserts	0.5 in
RR mount shims	0 mm
SHOCKS	
Arm mount balls	Front
Arm mounts	Opt arm / 2 - Mid
Tower mounts	4 - Out
Toe	3 degrees
Tower	Kit
Track: wheel hexes	3 slots +2.25mm
Upright inserts	1 up and in
Uprights	Medium Lower
WHEELBASE	
Arm shims	0 mm
Upright shims	0 mm

NOTES Tested carpet arms in same wheelbase, but disengaged gave more rear end bite.

SHOCKS

	FRONT	REAR
Collars	Plastic 0mm	Plastic 0mm
Eyelets	0 mm	0 mm
Limiters - ext	0 mm	0 mm
Limiters - int	0 mm	2 mm
Oil weight	300 cst	300 cst
Piston width	2mm	2mm
Pistons	2 x 1.6mm	2 x 1.8mm
Rebound	0 %	0 %
Springs	1 dot	2 dot
Stroke	22 mm	26 mm

Caps	Kit
Shock oil brand	Hudy

NOTES 2mm internal limiters and ball ends wound out to 26.3mm

DRIVETRAIN

Differential fluid	0 cst
Differential type	Ball
Drive ratio - internal	2.65
Drive type	Slipper
Driveshafts	77mm
Gearbox	Rear motor LCG composite
Pinion	24 teeth
Slipper clutch plates	Kit
Slipper clutch tightness	0 mm
Spur	78 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	Wide	Lush

Battery holder hole	4
Battery holder orientation	Long side front
Battery post	2
Battery size	Low Short
Body	Delta 2D
Electronics plate position	Front

FLEX

Chassis	Short
Servo brace	No
Side braces	Kit
Upper brace	Yes
Motor plate	Alum
Rear wing center fin	No
Rear wing cutting line	Full height mm
Rear wing height	Up
Rear wing length	68 mm
Rear wing position	3 mm
Servo position	1 - Front
Weights	50g under battery

TIRES

	FRONT	REAR
Tire brand / type	Schy honeycomb	Schy honeycomb
Tire compound	Yel	Yel
Tire inserts	Cragg blue	Cragg blue
Wheel brand / type	Schy	Schy

Front tire sidewall glue	No

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	4400 mAh
ESC brand	Hobbywing
ESC model	V3
Motor brand	ORCA
Motor model	ORCA
Motor wind	7.5 turns
Servo brand	Savox