XRAY XB4D '21

Setup: HobbyPlex · Brian Barton · Jan 11, 2022

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FRONT SUSPENSION

Anti-roll bar	1.0mm
Arms	Long hard
Axle height (steering block spacers)	High
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud spacers	2 mm
Caster block	6 deg (#362211 / 21)
Differential height	3 dots up - low
FF mount inserts	1 in
FR mount inserts	1 down
Ride height	17 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Steering blocks	Hard
Steering center link	Composite
Steering link stud spacers - inner/outer	5 / 2 mm
Steering link: inner stud location	1 - Back
Steering plate	Kit
Toe	+1 degrees
Tower	Graphite
Wheel hex	0 slots 0mm
Wheelbase (arm spacers)	Short (arm back)

BODY & CHASSIS

	FRONT	REAR
Wing	–	v2 1.0mm
Body		Gamma 4D 0.75mm
Central bulkhead		Composite
Chassis		2mm
Chassis brace - front		Hard with graphite
Chassis brace - front screws		All
Chassis brace - rear		Hard with graphite
Chassis brace - rear screws		All
Chassis side guards		Hard
Rear wing position		Up
Rear wing side dam trim		High
Rear wing trim line		3

REAR SUSPENSION

Anti-roll bar	1.0mm
Arms	Long hard (#363113-H / 23-H)
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	Kit mount (1 hole)
Outer stud mount orientation	Protrusion outward
Outer stud mount spacers	2 mm
Outer stud spacers	4 mm
Differential height	1 dot down
Hub	Hard
Hub inserts (track/axle height)	0 center
RF mount inserts	1 down and in
RF/RR mount orientation	Up
Ride height	17 mm
RR mount inserts	1 down
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Tower	Graphite
Wheel hex	0 slots 0mm
Wheelbase (arm spacers)	Front 2mm / rear 0mm - long
Wheelbase (hub spacers)	Front 1mm / rear 2mm

TIRES

	FRONT	REAR
Tire brand / type	Pro-Line Electron	Pro-Line Positron
Tire compound	MC	MC
Wheel brand / type	Kit	Kit

SHOCKS

	FRONT	REAR
Caps	Kit	Kit
Collars	Standard	Standard
Limiters - int/ext	0 / 1 mm	2 / 0 mm
Oil weight	700 cst	400 cst
Pistons	2 x 1.6mm	2 x 1.7mm
Rebound	0 %	0 %
Springs	45mm Linear 2 dot	60mm Linear 1 dot
Stroke	23 mm	29 mm
Shock oil brand	XRAY	

DIFFERENTIALS

	FRONT	REAR
Diff crown gear	40T	40T
Diff fluid	15,000 cst	10,000 cst
Diff gears	Composite	Composite
Diff mass	13.07 g	13.07 g
Diff type	Composite	Composite
Center diff fluid	500,000 cst	
Center diff gears	Composite	
Center diff mass	13.22 g	
Center diff type	Composite	

DRIVETRAIN

Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	83mm CVD
Driveshafts - rear	75mm
Pinion	26 teeth
Spur	81 teeth

ELECTRONICS

Battery brand	Vant
Battery capacity	5600 mAh
Battery model	Shorty