XRAY XB8E '23 Pivot Ball

Setup: 2023 setup · Rob Kulza (X-ray) · May 28, 2024

so dialed
Open/save in RC Setup App →

Scan to open in the app

TRACK

Track	Down and dirty
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Bumpy / Medium

FRONT SUSPENSION

ACKERMANN

Inner steering link location	3 - Mid-front
Steering plate	2 dots
Anti-roll bar	2.2mm

BUMP STEER

Inner steering link shims	0 mm
Outer steering link shims	0 mm
Camber	-3 degrees
Caster: upper arm shims	2 mm
Differential height	Low
FF mount inserts	1 in
FR mount inserts	1 down and in
Lower arms	Medium

PIVOT BALLS

Lower	Steel
Lower shims	0 mm
Nuts	Aluminum
Upper	Aluminum
Upper shims	1 mm
Ride height	23 mm
Servo saver tightness	Medium

SHOCKS

Arm mount	1 - Inside
Tower mount	5 - Top middle
Steering blocks	Hard
Toe out	+1 degrees
Tower	Aluminum
Track: wheel hexes	+1mm
Trail: steering block	Center
Upper arms	Medium

UPPER ARMS

FF inserts	1 down and in
FR inserts	1 down and in
Wheelbase: lower arm shims	2 mm

REAR SUSPENSION

Anti-roll bar	2.4mm
Anti-roll bar arm mount	2 - Outside
Arms	Hard
Camber	-2 degrees

CAMBER LINK

Inner location	1 - Inside bottom
Outer location	3 - Outside
Differential height	Low
Droop	-10 mm
Hub pin location	2 - Top
RF mount inserts	1 down and in
Ride height	27 mm
RR mount inserts	1 down and in

SHOCKS

Arm mount	1 - Inside
Tower mount	3 - Bottom mid-out
Toe	3 degrees
Tower	Graphite
Track: wheel hexes	+2mm
Uprights	Hard

WHEELBASE

Arm shims	4 mm
Hub shims	4 mm

BODY & CHASSIS

Battery layout	Standard
Body	EAZY
Bulkheads position	Front
Chassis brace - rear	Composite
Chassis sideguard braces	None
Chassis sideguards	Medium
Diff plate	Composite
Front arm wings	None
Front upper plate	Composite
Rear wing	Kit
Rear wing holder	Rear

SHOCKS

	FRONT	REAR
Bodies	Kit	Kit
Membrane	Cell soft	Cell soft
Oil weight	550 cst	600 cst
Pistons	8 x 1.2mm	8 x 1.3mm
Rebound	0 %	0 %
Shafts	61mm	67.5mm
Springs	0.8-0.83C 4-Dot	0.68-0.7C 3-Dot

Shock oil brand	XRAY

DIFFERENTIALS

	FRONT	REAR
Diff case	Kit	Kit
Diff crown gear	46 teeth	46 teeth
Diff fluid	7,000 cst	3,000 cst
Diff mass	41.90 g	41.90 g

Center diff case	v2 Center diff
Center diff fluid	7,000 cst
Center diff mass	48.17 g

DRIVETRAIN

Drive ratio - internal	3.539
Driveshaft - center front	CVD
Driveshaft - center rear	CVD
Driveshafts - front	CVD
Driveshafts - front shaft position	N/A
Driveshafts - rear	CVD
Driveshafts - rear shaft position	N/A
Spur	46 teeth