XRAY XT8E '22

Setup: July 2023 socal base · Ricky Robbins (Robbins RC) · Jun 23, 2024

so dialed
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EVENT	
Event	DNC prep

TRACK	
Track	The dirt
Type	Outdoor hard-packed
Grip / moisture	Low / Wet
Surface / layout	Bumpy/Rutted / Open
Air temp	60°F (16°C)
Track temp	65°F (18°C)

FRONT SUSPENSION

Ackermann: inner steering link stud	3 - Front
Anti-roll bar	2.2mm
Anti-roll bar end gap	-1 mm
Arms	Medium (#353126/7)
Bumpsteer: inner steering link spacers	2 mm
Camber	-2 degrees
Caster blocks	Aluminum 17
Caster bushings	+1 deg steel (1 dot up)
Droop	110 mm
FF mount inserts	1 down and out
FR mount inserts	1 up and out
Ride height	37 mm
ROLL CENTER	
Inner camber link stud	5 - Outside middle
Outer camber link stud	A - Inside
Servo saver tightness	4-5 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	4 - Outside
Steering block	Composite
Steering block arm	Aluminum
Toe	+1 degrees
Tower	Aluminum
Track: wheel hexes	+5mm
Wheelbase: arm spacers - F/R	2 / 0 mm

REAR SUSPENSION

Anti-roll bar	2.6mm
Anti-roll bar end gap	-2 mm
Arms	Hard
Camber	-2 degrees
Droop	133 mm
Hub pin location	Outside top
Hub position	Outside
Hubs	Medium
RF mount inserts	1 out
Ride height	39 mm
ROLL CENTER	
Inner camber link stud	5 - Outside mid-bottom
Outer camber link stud	C - Outside
RF mount offset	+0mm
RR mount offset	+0mm
RR mount inserts	1 down and out
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
Tower	Aluminum
Track: wheel hexes	+5mm
WHEELBASE	
Arm spacers - F/R	0 / 2 mm
Hub spacers - F/R	2 / 2 mm

SHOCKS

	FRONT	REAR
Oil weight	650 cst	500 cst
Pistons	6 x 1.3mm	6 x 1.3mm
Rebound	0 %	0 %
Springs	80mm 3 dot	90mm 3 dot

Shock oil brand	XRAY

DIFFERENTIALS

	FRONT	REAR
Diff case	Kit	Kit
Diff fluid	12,000 cst	5,000 cst
Diff mass	42.80 g	42.00 g
Diff ring gear	43T	43T

Center diff case	v2 Center diff
Center diff fluid	12,000 cst
Center diff mass	48.30 g
Diff fluid brand	XRAY

DRIVETRAIN

Drive ratio - internal	4.3
Driveshafts - front	CVD
Driveshafts - rear	CVD
Spur	50 teeth

BODY & CHASSIS

Battery layout	Saddle
FLEX	
Chassis	XT8E '22
Chassis side guards	Kit
Chassis stiffener	Short
Front upper plate	Composite
Rear chassis brace	Medium
Rear wing	Plastic
Weights	2 hudy rear holes center