Ignite Design XT2 Nitro

Setup: XT2 experimental 1.3 · Jim Woodley (Ignite Design RC) · Nov 27, 2022

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EVENT	
Event	11/26/22 Club Race

TRACK	
Track	B&T R/C Raceway
Type	Outdoor clay
Grip / moisture	Low / Muddy
Surface / layout	Bumpy / Medium
Air temp	70°F (21°C)
Track temp	65°F (18°C)

RESULTS	
Race type	Qualifier

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	2 mm
Steering block arms	2 slots
Steering plate orientation	Ball studs forward (dirt)
Anti-roll bar	1.4mm
Arms	Hard
Axle height: steering block shims	Low axle / high spacer
Bump steer: outer steering link shims	2 mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	3 - Outside
Inner stud shims	2 mm
Outer stud location	A - Inside
Caster blocks	Hard (#322210-H / 220-H)
Caster: hub carrier inserts	2.5 degrees
Kick-up: suspension mount	Composite 26 deg
Ride height	26 mm
Roll center holder	Hard
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	1 - Inside
Steering blocks	Hard
Toe	-1 degrees
Tower	Hard
Track: wheel hexes	2 slots +1.5mm
Wheelbase: caster block shims - F/R	0 / 1 mm

REAR SUSPENSION

Anti-roll bar	None
Arms	Hard
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside
Inner stud shims	2 mm
Outer mount shims	2 mm
Outer stud location	Kit mount - Outside
Outer stud shims	2 mm
Differential height	3 dots up - lowest
Hub	Hard
Hub inserts (track/axle height)	1 down and in
RF mount inserts	1 down and in
Ride height	25 mm
Roll center holder	Hard
RR mount inserts	1 out
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	1 - Inside
Tower	Hard LCG
Track: wheel hexes	6 slots +4.5mm
WHEELBASE	
Arm shims - F/R	0 / 2 mm
Hub shims - F/R	0.1 / 2.0 mm

NOTES Shocks mounted to the rear of the tower/arms

TIRES

	FRONT	REAR
Tire brand / type	Panther V-Ribs	Panther Step Pins
Tire compound	Soft	Soft
Tire insert	Open cell	AKA closed cell
Wheel brand / type	DE	DE

SHOCKS

	FRONT	REAR
Limiters - int/ext	0 / 0 mm	0 / 2 mm
Oil weight	450 cst	450 cst
Pistons	2 x 1.6mm	2 x 1.7mm
Rebound	0 %	0 %
Springs	45mm Linear 3 dot	60mm Linear 1 dot
Shock oil brand	XRAY	

NOTES 21mm eyelets front and rear

DRIVETRAIN

Brake bias - F/R	50 / 50
Clutch shoes & springs	Traxxas 4146
Differential type	Ball
Drive ratio - internal	2.65
Driveshafts	96mm
Gearbox	Front motor LCG composite
Pinion	15 teeth

ENGINE

Engine brand	OS
Engine model	Modified 12TG
Fuel	Sidewinder 30% off-road blend
Glow plug	P3
Pipe header	Ignite 1202-ST

BODY & CHASSIS

Battery position	Back
Body	XT2 1.0mm
FLEX	
Chassis	Ignite
Chassis brace - front lower	Hard
Chassis flex screws - L&R	1 - Front, 2, 3, 4
Front upper deck	Hard
Upper brace	LCG Composite
Rear wing	None
Servo position	2 - Middle