# XRAY X1 '20

Setup: My Base Setup · Chris Lockhart (Pro Tune Motor) · May 27, 2021

so dialed
Open/save in RC Setup App →

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| EVENT | |
|---|---|
| Event | MHIC |

| TRACK | |
|---|---|
| Track | 5280 Raceway |
| Type | Indoor carpet |
| Grip / moisture | High |
| Surface / layout | Smooth / Medium |
| Air temp | 70°F (21°C) |
| Track temp | 80.6°F (27°C) |

| RESULTS | |
|---|---|
| Best lap | 10.1 s |
| Average lap | 10.5 s |

## FRONT SUSPENSION

| | |
|---|---|
| Anti-roll bar | None |
| Camber (upper arm mount inserts) | 2.5 degrees - 2 dots out |
| Caster (upper arm plate inserts) | 12 degrees - 2 dots back |
| Droop | 1.5 mm |
| Kingpin shims | Above top plate: 1mm Above steering block: 2.5mm Below steering block: 0.5mm Below spring: 0.5mm |
| Lower arm mount shims | 1.5 mm |
| Lower arms | Graphite 2.5mm |
| Ride height - front/mid | 4 / 4 mm |
| Steering arm stud location | 1 - Inside |
| Steering blocks | Aluminum trailing |
| **STEERING LINKS** | |
| Outer stud location | 2 - Middle |
| Stud shims - in/out | 4 / 0 mm |
| Toe | -1 degrees |
| Track width | 187 mm |
| **TRACK** | |
| Upper arm plate | Wide |
| Wheel shims | 2 mm |
| Upper arm plate shims | 2 mm |
| Wheel lock angle - in/out | 25 degrees |
| Wheelbase (suspension mount location) | Medium (middle) |

**NOTES** Brace across the lower arms. XtremeRC wide upper and lower arms.

## REAR SUSPENSION

| | |
|---|---|
| Center pivot | Kit |
| Droop | 1 mm |
| Pod link front position | Center |
| Pod link spacers - F/R | 0 / 0 mm |
| Pod lower plate | Aluminum 2mm |
| Ride height | 4 mm |
| Ride height: axle spacers | 0.5 mm |
| Track width | 189 mm |
| Track: axle shims | 2 mm |
| Wheelbase: eccentric clamps | +0mm |

**NOTES** Spool

## DRIVETRAIN

| | |
|---|---|
| Axle | Solid axle |
| Differential balls | None |
| Differential type | Solid |
| Gear pitch | 64 |
| Pinion | 33 teeth |
| Spur | 96 teeth |

## TIRES

| | FRONT | REAR |
|---|---|---|
| Tire additive | Sxt | Sxt |
| Tire brand / type | Crc | Crc |

## SHOCKS

| | |
|---|---|
| Center shock | Short |
| Center shock length | 63 mm |
| Center shock oil weight | 600 cst |
| Center shock piston | 4 x 1.1mm |
| Center shock rebound | 25 % |
| Center shock spring | Stock |
| Center shock: stud spacers - F/R | 0 / 0 mm |
| Front pin fluid | None |
| Front springs | Silver soft |
| Shock oil brand | XRAY |
| Side shock oil weight | No side shock |
| Side shock stud spacers (up/down) | - / - mm |
| Side springs | 0.9C Gold |
| Side tube oil weight | 7,000 cst |
| Side tube stud spacers - In/Out | 1 mm |

## BODY & CHASSIS

| | FRONT | REAR |
|---|---|---|
| Wing | Tamiya | Kit |

| | |
|---|---|
| Battery orientation | Cross chassis |
| Battery position | 4 - Rear |
| Chassis | Aluminum flex 2mm |
| **FLEX** | |
| Front | Stiff - connected brace |
| Inline top deck | Stiff - tightened nut |
| Steering pivot shaft mount | Soft - chassis mount |
| Rear wing height | 2 |
| Rear wing shims | 2 mm |
| Top deck | Yes |