# XRAY XB4 '24

Setup: Conquer The Carpet 24' · Robert Sorjonen · Nov 13, 2024

so dialed
Open/save in RC Setup App →

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| EVENT | |
|---|---|
| Event | Conquer The Carpet |

| TRACK | |
|---|---|
| Track | Outlaw RC |
| Type | Indoor carpet |
| Grip / moisture | High / Dry |
| Surface / layout | Bumpy / Medium |
| Air temp | 20°C (68°F) |

| RESULTS | |
|---|---|
| Race type | Qualifier |
| Race number | 4 |
| Finish | 2nd |
| Best lap | 14.12 s |

## FRONT SUSPENSION

| | |
|---|---|
| **ACKERMANN** | |
| Inner steering link location | 1 - Back |
| Steering arms | N/A |
| Anti-roll bar | 1.8mm |
| Arms | Hard |
| Axle height: steering block shims | Long bushing down |
| **BUMP STEER** | |
| Inner steering link shims | 5 mm |
| Outer steering link shims | 2 mm |
| C-hubs | 7 deg Aluminum (#362232/42) |
| Camber | -1.5 degrees |
| **CAMBER LINK** | |
| Inner location | 2 - Mid |
| Outer shims | 2 mm |
| Differential height | 1 dot up - high |
| FF mount inserts | 1 down and in |
| FR mount inserts | 1 down and in |
| Ride height | 12 mm |
| **SHOCKS** | |
| Arm mounts | 1 - In |
| Tower mounts | 3 |
| Steering blocks | Aluminum |
| Steering plate | Aluminum |
| Toe out | +1.5 degrees |
| Track: wheel hexes | 2 slots +1.5mm |
| Wheelbase: arm shims | 0 min |

## TIRES

| | FRONT | REAR |
|---|---|---|
| Tire brand / type | JConcepts Pinswag | JConcepts Fuzzbite |
| Tire compound | Pink | Pink |
| Tire insert | – | Open cell |
| Wheel brand / type | – | JConcepts |

**NOTES** Glue front sidewalls to edge of pins

## REAR SUSPENSION

| | |
|---|---|
| Anti-roll bar | 2.0mm |
| Arms | Short graphite |
| Camber | -2 |
| **CAMBER LINK** | |
| Inner location | 2 - Mid |
| Outer location | Out |
| Outer mount shims | 2 mm |
| Outer shims | 2 mm |
| Differential height | 3 dots down - high |
| RF mount | Kit |
| RF mount inserts | 1 out |
| RF/RR mount orientation | Up |
| Ride height | 12 mm |
| RR mount | Kit |
| RR mount inserts | 0 center |
| **SHOCKS** | |
| Arm mounts | 1 - In |
| Tower mounts | 2 - Mid-in |
| Toe in | 2 degrees |
| Track: wheel hexes | 3 slots +2.25mm |
| Upright inserts (track/axle height) | Down and in |
| Uprights | Aluminum upper |
| **WHEELBASE** | |
| Arm shims | 2 mm |
| Upright shims | 1 mm |

## BODY & CHASSIS

| | FRONT | REAR |
|---|---|---|
| Wing | None | Lush |

| | |
|---|---|
| Battery post - front | 1 - Front |
| Battery post - rear | 2 |
| Battery size | Standard short |
| Body | Gamma 4C 0.75mm |
| Central bulkhead | Aluminum |
| Chassis | 2mm Alum |
| Chassis brace - front | Hard with T-brace |
| Chassis brace - front screws | 1 - Front, 2, 3, T-brace outer |
| Chassis brace - rear | Hard with graphite |
| Chassis brace - rear screws | 1 - Front, 2, 3, 4 |
| Chassis side guards | Hard |
| Motor mount position | Front |
| Rear transmission position | Standard |
| Rear wing length | 68 mm |
| Rear wing position | Up |
| Rear wing shock tower offset | 1.5 mm |

## SHOCKS

| | FRONT | REAR |
|---|---|---|
| Caps | Kit | Kit |
| Eyelets | 0 mm | 0 mm |
| Limiters - external | 0 mm | 1 mm |
| Limiters - internal | 0 mm | 0 mm |
| Oil weight | 650 cst | 550 cst |
| Pistons | 2.5mm / 2x1.8mm | 2.5mm / 2x1.9 |
| Rebound | 0 % | 0 % |
| Spring cups | -2 mm | -2 |
| Springs | Red 13mm assc | Yellow Assc 13mm |
| Stroke | 22 mm | 27 mm |

| | |
|---|---|
| Shock oil brand | XRAY |

## DIFFERENTIALS

| | FRONT | REAR |
|---|---|---|
| Diff crown gear | 40T | 40T |
| Diff fluid | 10,000 cst | 100,000 cst |
| Diff mass | 1.80 g | 1.80 g |
| Diff type | Steel gear | Steel gear |

| | |
|---|---|
| Center diff type | Slipper clutch |

## DRIVETRAIN

| | |
|---|---|
| Central slipper clutch tightness | 13 mm |
| Drive ratio - internal | 2.5 |
| Driveshafts - front | 83mm ECS |
| Driveshafts - rear | 77mm |
| One-way slipper clutch tightness | 1 turn |
| Pinion | 26 teeth |
| Spur | 78 teeth |

## ELECTRONICS

| | |
|---|---|
| Battery brand | Sunpadow |
| Battery C rating | 140 C |
| Battery capacity | 6500 mAh |
| Battery model | Platin |
| ESC brand | Hobbywing |
| ESC model | Xerun XR10 Pro X |
| Motor brand | Hobbywing |
| Motor model | Xerun 13.5 g4r |
| Motor wind | 13.5 turns |
| Radio brand | Sanwa/Airtronics |
| Radio model | M17 |
| Receiver brand | Sanwa/Airtronics |
| Receiver model | RX493 |
| Servo brand | Xpert |
| Transponder ID | 7030471 |

**NOTES** 15ah