# JQRacing Black Edition

Setup: JBRL Thunder Alley 8/2021 · Geoff Ranney (Ultimate Racing) · Aug 12, 2021

so dialed
Open/save in RC Setup App →

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### TRACK

| | |
|---|---|
| Type | Outdoor hard-packed |
| Grip / moisture | Medium / Wet |
| Surface / layout | Smooth / Medium |
| Air temp | 95°F (35°C) |
| Track temp | 140°F (60°C) |

## FRONT SUSPENSION

| | |
|---|---|
| Anti-roll bar | 2.4mm |
| Arms | Hard |
| Camber | -1 degrees |
| **CAMBER LINK** | |
| Inner stud location | 2 - Middle |
| Outer stud location | B - Inside top |
| Turnbuckle length | 11 mm |
| Caster: hub carrier | 18 degree (#JQB0395/6) |
| Droop | 102 mm |
| FF mount inserts | +0 mm |
| FR mount inserts | -1 mm |
| Gearbox spacer | Carbon |
| Ride height | 29 mm |
| **SHOCKS** | |
| Arm mounting hole | B - Middle |
| Tower mounting hole | 3 - Mid-out |
| Steering arm | #1 2.0 |
| Steering blocks | KPI #1 (#JQB0398/9) |
| **STEERING LINK** | |
| Inner stud location | 2 - Middle |
| Inner stud orientation | Ball up |
| Outer stud orientation | Ball up |
| Toe | +1 degrees |
| Tower | Aluminum |
| Track: wheel hexes | +1mm lightened |

## BODY & CHASSIS

| | |
|---|---|
| Body | Kit |
| Chassis | 3mm |
| Rear wing | Kit |
| Rear wing angle | High |
| Rear wing mount | CNC High mount (#JQB0197/8) |

## ELECTRONICS

| | |
|---|---|
| Radio brand | Sanwa/Airtronics |
| Radio model | MT-44 |
| Receiver battery | Reedy 2S 2200 |
| Receiver brand | Sanwa/Airtronics |
| Receiver model | RX482 |
| Steering servo brand | Xpert |
| Steering servo model | 6401 |
| Throttle servo brand | Xpert |
| Throttle servo model | 6401 |

## REAR SUSPENSION

| | |
|---|---|
| Anti-roll bar | 2.6mm |
| Arm length | Long |
| Arm stiffeners | Carbon fiber 1mm |
| Arms | Hard |
| Camber | -2.5 degrees |
| **CAMBER LINK** | |
| Inner stud location | 2 - Inside middle |
| Outer stud location | E - Outside bottom |
| Turnbuckle length | 23 mm |
| Droop | 122 mm |
| Gearbox spacer | Carbon |
| Hub inserts | +0 toe / +0mm height |
| Hubs | Kit (#JQB0378/9) |
| RF mount | Low |
| RF mount inserts (anti-squat) | +0 mm |
| Ride height | 30 mm |
| RR mount | Low Square Insert |
| RR mount inserts | 1 in, .5 down |
| **SHOCKS** | |
| Arm mounting hole | B - Middle |
| Tower mounting hole | 2 - Mid-in |
| Tower | Aluminum |
| Track: wheel hexes | +1mm lightened |
| Wheelbase: hub spacers | Front 0 shims / rear 4 shims |

## ENGINE

| | |
|---|---|
| Engine brand | Ultimate |
| Engine model | M3X |
| Fuel | Nitrolux |
| Glow plug | Ultimate P3 |

## TIRES

| | FRONT | REAR |
|---|---|---|
| Tire brand / type | Rawspeed/Aurrora | Rawspeed/Aurrora |
| Tire compound | Soft Long Wear | Soft Long Wear |
| Tire insert | Closed-cell | Closed-cell |
| Wheel brand / type | DE | DE |

## SHOCKS

| | FRONT | REAR |
|---|---|---|
| Oil weight | 550 cst | 500 cst |
| Pistons | 7 x 1.3mm Flat | 7 x 1.35mm |
| Rebound | 0 % | 0 % |
| Shock length | 102 mm | 122 mm |
| Shock type | Bladder | Bladder |
| Springs | Sworks S3 | Sworks L2 |

| | |
|---|---|
| Shock oil brand | Ultimate |

**NOTES** -X-ray Soft Honey Comb Bladder. -Mugen Shock Cups.

## DIFFERENTIALS

| | FRONT | REAR |
|---|---|---|
| Diff fluid | 12,000 cst | 5,000 cst |
| Diff mass | 39 g | 39 g |

| | |
|---|---|
| Center diff fluid | 10,000 cst |
| Center diff mass | 38 g |
| Diff fluid brand | Ultimate |

**NOTES** 12.5 k front oil

## DRIVETRAIN

| | |
|---|---|
| Brake bias | Front 60% / Rear 40% |
| Clutch shoes & springs | Weeks 4 Shoe Aluminum with 1.0 springs. |
| Drive ratio - final | 12.114 |
| Drive ratio - internal | 3.214 |
| Driveshaft - center front | Kit |
| Driveshaft - center rear | Kit |
| Driveshafts - front | Universal |
| Driveshafts - rear | Universal |
| Pinion | 13 teeth |
| Spur | 48 teeth |