# TLR 8IGHT-E 4.0

Setup: Dirt Setup · Jay Sena (Pro1RC) · Jun 30, 2025

so dialed
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**EVENT**

| | |
|---|---|
| Class | 1/8 EBUGGY |

**TRACK**

| | |
|---|---|
| Track | Off-road Thunder Road |
| Type | Outdoor loose/loamy |
| Grip / moisture | Medium/Low / Dry/Dusty |
| Surface / layout | Bumpy/Medium / Medium/Open |
| Air temp | 75°F (24°C) |

## FRONT SUSPENSION

| | |
|---|---|
| A mount inserts | 1.0 up |
| Anti-roll bar | 2.3mm |
| Arms | Kit |
| Axle height | Low |
| B mount inserts | 1.0 down |
| Camber | -2 degrees |
| Camber link: inner stud location | 2 - Inside middle |
| Droop | 107 mm |
| Hub carrier | Plastic 15 deg |
| Ride height | 26 mm |
| **SHOCKS** | |
| Arm mounting hole | B - Outside |
| Tower mounting hole | 2 - Middle-in |
| Steering block | Kit |
| Steering link: outer stud orientation | Up |
| Steering rack | Long |
| Toe | -1.5 degrees |
| Tower | Aluminum |
| Wheel hex | +0mm |

## TIRES

| | FRONT | REAR |
|---|---|---|
| Tire brand / type | Pro1RC 1v2 | Pro1RC 1v2 |
| Tire compound | Green | Green |
| Tire insert | Foam | Foam |
| Tire prep | Green | Green |
| Wheel brand / type | VpPro | VpPro |

## ESC SETTINGS

| | |
|---|---|
| Boost: Timing | LM 5 degrees |
| **BRAKE** | |
| Drag | 4 true % |
| Strength | 80 |
| Throttle: Frequency | 14 kHz |
| **TURBO** | |
| Activation method | Instant |
| Delay | 1 seconds |
| Timing | TP 15 degrees |

## REAR SUSPENSION

| | |
|---|---|
| Anti-roll bar | 2.7mm |
| Anti-squat (C block inserts) | 3.0 degrees - 0 |
| Camber | -2 degrees |
| **CAMBER LINK** | |
| Inner stud location | 2 - Inside middle |
| Outer stud location | B - Middle-in |
| Droop | 115.0 mm |
| Hubs | Kit |
| Mud guards | None |
| Ride height | 28 mm |
| **SHOCKS** | |
| Arm mounting hole | B - Outside |
| Tower mounting hole | 2 - Mid-in |
| Toe plate (D block insert) | -3.0 degrees - 0 |
| Tower | Aluminum |
| Wheel hex | +1mm |
| Wheelbase (hub spacers) | Front 3mm / rear 0mm (long) |

## DRIVETRAIN

| | |
|---|---|
| Drive ratio - internal | 3.23 |
| Driveshaft - center front | Kit |
| Driveshaft - center rear | Kit |
| Driveshafts - front | CVA |
| Driveshafts - rear | CVA |
| Electric clutch system | None |
| Pinion | 16 teeth |
| Spur | 45 teeth |

## ELECTRONICS

| | |
|---|---|
| Battery brand | Gens Ace |
| Battery capacity | 2x 5100 mAh |
| Battery model | Redline |
| ESC brand | Tekin |
| ESC model | RX8 gen 3 |
| ESC settings | DB 2 BS 4 LM 5 NW 4 TP 3 MT 1 VC 4 |
| Motor brand | Tekin |
| Motor Kv constant | 1900 Kv |
| Motor model | T8 |
| Motor timing | None degrees |
| Radio brand | Futaba |
| Radio EPA steering | 87 % |
| Radio EPA throttle | 100 % |
| Radio model | 4PM plus |
| Receiver brand | Futaba |
| Receiver model | R304SB |
| Steering servo brand | Hobbypower |
| Steering servo model | HB8 |

## SHOCKS

| | FRONT | REAR |
|---|---|---|
| Oil weight | 47.5 wt | 42.5 wt |
| Pistons | 5 x 1.5mm | 5 x 1.5mm |
| Shafts | 4x54mm TiCn | 4x59.5mm TiCn |
| Shock type | Bladder | Bladder |
| Springs | Mugen 5.2 | EVO 4.0 Orange |
| Shock oil brand | Team Associated | |

**NOTES** Shock length 107.5mm. 118mm

## DIFFERENTIALS

| | FRONT | REAR |
|---|---|---|
| Diff fluid | 10,000 cst | 7,000 cst |
| Center diff fluid | 10,000 cst | |
| Center diff type | Smart | |
| Diff fluid brand | Team Factory | |
| Front diff ring gear | 43 tooth | |
| Front diff type | Standard | |

## BODY & CHASSIS

| | |
|---|---|
| Battery position | Middle |
| Body | Jconcepts |
| Center diff offset | 4.4 degrees |
| Chassis brace - front | Kit |
| Chassis brace - rear | Kit |
| Front top brace | Kit |
| Rear wing | Jconcepts flow tek |
| Rear wing spacer | 0.250 |
| Rear wing wickerbill | 0.250 |