# Tamiya TT-02 Type-S

Setup: Bench Buddy Arena · Tim T (Willspeed) · May 10, 2024

so dialed
Open/save in RC Setup App →

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| EVENT | |
|---|---|
| Event | Open practice |
| Class | Production car |

| TRACK | |
|---|---|
| Track | Bench Buddy Arena |
| Type | Indoor carpet |
| Grip / moisture | High / Dry |
| Surface / layout | Medium/Bumpy / Open |

## FRONT SUSPENSION

| | |
|---|---|
| Ackermann | Rear |
| Arms | Kit |
| Axle height: steering block spacer | Above steering block |
| Bumpsteer: outer steering link spacers | 3 mm |
| Camber | -2 degrees |
| Hub carriers | Kit |
| Lower arms | Kit |
| Ride height | 5.5 mm |
| **ROLL CENTER** | |
| Inner camber link location | 1 - Outside |
| Inner camber link spacers | 2 mm |
| **SHOCKS** | |
| Arm mounting hole | 1 - Front outside |
| Tower mounting hole | 1 - Inside |
| Tower mounting spacers | 3 mm |
| Steering blocks | Kit |
| Toe | -1 degrees |
| Tower | Fiberglass |
| **TRACK** | |
| Axle spacers | 0 mm |
| Wheel hexes | 6mm |
| Wheelbase: arm spacers - F/R | 0 / 0 mm |

## TIRES

| | FRONT | REAR |
|---|---|---|
| Tire brand / type | Volante 28 | Volante 28 |
| Tire compound | 28 | 28 |
| Wheel brand / type | Volante | Volante |
| Tire additive - F/R | MR34 | |

## REAR SUSPENSION

| | |
|---|---|
| Camber | -2 degrees |
| Droop | 21.6 mm |
| Ride height | 5.5 mm |
| **ROLL CENTER** | |
| Inner camber link location | 1 - Outside |
| Inner camber link spacers | 2 mm |
| Outer camber link spacers | 0 mm |
| RR mount inserts | 1 out |
| **SHOCKS** | |
| Arm mounting hole | 1 - Front outside |
| Tower mounting hole | 6 - Outside |
| Tower mounting spacers | 3 mm |
| Suspension mount | Kit |
| Tower | Fiberglass |
| **TRACK** | |
| Axle spacers | 0 mm |
| Wheel hexes | 6mm |
| Uprights | Kit |
| **WHEELBASE** | |
| Arm spacers - F/R | 3 / 0 mm |
| Hub spacers - F/R | 0 / 1 mm |

**NOTES** 3 degrees rear toe in

## BODY & CHASSIS

| | |
|---|---|
| Body | L&L models BMW M Sport |
| Bumper | Kit |
| Flex: chassis | Standard |

**NOTES** Fiberlyte chassis center stiffener, Fiberlyte gearbox cover

## SHOCKS

| | FRONT | REAR |
|---|---|---|
| Limiters - int/ext | 0 / 0 mm | 0 / 0 mm |
| Oil weight | 35 wt | 35 wt |
| Pistons | 3 hole | 3 hole |
| Shock type | Kit | Kit |
| Springs | Xray 2.3-2.8 progressive | Xray 2.6 |
| Shock oil brand | Team Associated | |

**NOTES** Yeah racing 55mm shocks. Black oring inside shock to limit droop

## DIFFERENTIALS

| | FRONT | REAR |
|---|---|---|
| Diff fluid | Spool cst | 5,000 cst |
| Diff lube type | Fluid | Fluid |
| Diff type | Solid axle | Gear |
| Diff fluid brand | XTR | |

**NOTES** Tamiya sealed rear gear diff (option part)

## DRIVETRAIN

| | |
|---|---|
| Drive ratio - final | 4.84 |
| Drive ratio - internal | 2.60 |
| Driveshaft - center | Alloy |
| Driveshafts - front | Universal |
| Driveshafts - rear | Universal |
| Pinion | 37 teeth |
| Spur | 69 teeth |

**NOTES** Tamiya speed gear set

Gear ratio = (spur / pinion ) * 2.6

48dp gears

## ELECTRONICS

| | |
|---|---|
| Battery brand | Turnigy |
| Battery C rating | 130 |
| Battery capacity | 5500 mAh |
| ESC brand | Hobbywing |
| ESC model | Justock |
| Motor brand | Hobbywing |
| Motor model | Justock fixed timing |
| Motor wind | 17.5 turns |

**NOTES** -10 steering expo, 90 steering dr, 60 brake