

TC10/3

1/10 EP TOURING CAR CHASSIS

Sheet Ver.1.3

DRIVER: Akio Sobue

DATE: 2025.3.25

RACE:

TRACK: HOT LAP

PLACE: ☐ Indoor ☐ Outdoor ☐ Asphalt ☒ Carpet / ☒ Flat ☐ Bump

TRACTION: ☒ High ☐ Medium ☐ Low TEMP AIR: 20 °C TEMP TRACK: °C

TRACK LAYOUT: ☒ Technical ☐ Mixed ☐ High speed

QF POSITION:

FINAL POSITION:

BEST LAPTIME:

FRONT

Damper Stay

☐ Std ☒ Low

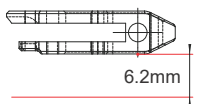
SCREW: ☐ Alu ☒ Ti ☐ SPS(Steel)
8mm
SHIM: 1.5mm

Bulkhead Stiffener

Graphite ☐ NONE ☐ 1mm ☒ 2mm

Ride Height : 5.0mm

Droop :



Toe Angle : out 1.5°

Camber Angle : 1.5°

Anti Roll Bar : ☐ 1.2 ☒ 1.3

Front Suspension

ALU Body Stopper

☒ USE ☐ NONE



☐ C-clip ☒ Oring

FF: SUS 0.5mm

FR: SUS 0.5mm

Lower arm Alu plate:

☒ Upper ☐ Lower

REAR

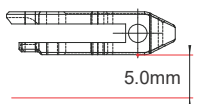
Damper Stay

☐ Std ☒ Low ☐ Wide

SCREW: ☐ Alu ☒ Ti ☐ SPS(Steel)
8mm
SHIM: 1.2mm

Ride Height : 5.2mm

Droop :



Toe Angle : 2.5°

Camber Angle : 1.5°

Anti Roll Bar : ☐ 1.2 ☒ 1.3

Gear Diff Oil

AXON 7500 cst 1.4g

Rear Suspension

☐ Alu ☒ Ti ☐ Steel

8mm SCREW

☐ C-clip ☒ Oring

RF: SUS 1.5mm

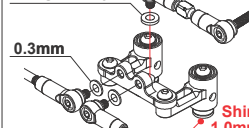
RR: SUS 1.5mm

Lower arm Alu plate:

☒ Upper ☒ Lower

Bell Crank

ST Limit



Wheel Hubs

☐ 3.5 ☒ 4.0

0.1mm

Alu 0.5mm

Caster Block

0.5mm

OUTER PIN BUSH

4deg

Servo Horn Ball Position

Horn type

• AXON 18.0mm

29.3mm

mm

Servo:

[Servo mount]

SHOCK ABSORBER

Spring: HLS-SS C2.8

Oil : AXON 32.5

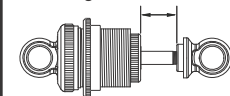
Piston : ☐ 3H ☒ 4H

Bladder : ☐ V1 ☒ V2

☐ High Big Bore Shock 4

☒ High Big Bore Shock 5

Length : 7.1mm



Motor Mount

Bearing 730

1.0mm

Bearing 730

3.5mm

Std

Type B

0.1mm

AXON 0.2 & Alu 0.5 mm

0.1mm

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Screw setting <<Button Head>>

Top deck : 9pcs 5mm ☐ Alu ☒ Ti ☐ Steel

Upper bulkhead : FF 2pcs: 8mm ☐ Alu ☒ Ti ☐ Steel

Upper bulkhead : FR 2pcs: 6mm ☐ Alu ☒ Ti ☐ Steel

Upper bulkhead : RF 2pcs: 6mm ☐ Alu ☒ Ti ☐ Steel

Upper bulkhead : RR 2pcs: 8mm ☐ Alu ☒ Ti ☐ Steel

Front Damper stay 4pcs: 5mm ☐ Alu ☒ Ti ☐ Steel

Rear Damper stay 4pcs: 5mm ☐ Alu ☒ Ti ☐ Steel

Screw setting <<Flat Head>>

Lower bulkhead 8pcs: 6mm ☐ Alu ☒ Ti ☐ Steel

Sus-balls ALL: 6mm ☐ Alu ☒ Ti ☐ Steel

Bell crank post: 6mm ☐ Alu ☒ Ti ☐ Steel

Servo mount: 6mm ☐ Alu ☒ Ti ☐ Steel

Motor mount: 6mm ☐ Alu ☒ Ti ☐ Steel

Notes :

•X10ボールベアリング、スプリングチタンスクリューを使用

•キングピンビスはオプション チタンM4ビスを使用

•6mm BALL BUSH ORING 使用

•FRONT ROLL POST & REAR ROLL POST / Type B 使用

•REAR T-BRACE 使用

•ALU BODY STOPPER 使用

•Use X10 ball bearings and spring titanium screws

•Kingpin screws are optional Titanium M4 screws are used

•Use 6mm BALL BUSH ORING

•Use FRONT ROLL POST & REAR ROLL POST / Type B

•Use REAR T-BRACE

•Use ALU BODY STOPPER

Rear Body Mount Stay

☒ Std ☐ Wide

Rear Bulkhead Stiffener

Graphite ☐ 1mm ☒ 2mm

Battery Mount

Front 1.0mm

Rear 1.0mm

<<Balance Weight Setting>>

FRONT ROLL POST

☒ USE ☐ NONE

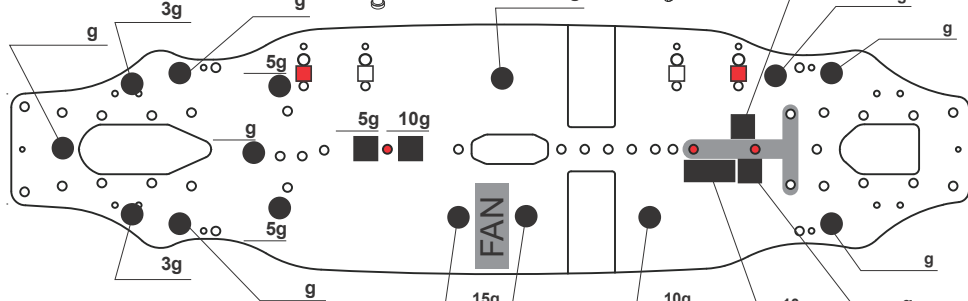
TOTAL battery weight

280g

REAR T-BRACE

☒ USE ☐ NONE

5g



Total Car Weight: g

Main Chassis: ☐ Carbon 2.25mm ☒ Alu 2.0mm

Top Deck: ☒ Carbon 2.0mm ☐ Carbon 2.25mm

Motor: STOCK

Spur Gear: 110T

Pinion Gear: 41T

Battery: ORCA 6090

ESC: ORCA Oe1 Mk-II

Body: TWISTER SP(UL)

Wing: TWISTER UL

FRONT

Tire: Carpet Tire

Insert:

Wheel:

Additive:

Notes:

REAR

Tire: Carpet Tire

Insert:

Wheel:

Additive:

Notes: