

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

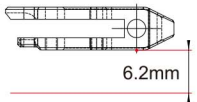
SCREW: ☐ Alu ☒ Ti ☐ SPS(Steel)
8mm
SHIM: 1.5mm

Bulkhead Stiffener

Graphite ☐ NONE ☐ 1mm ☒ 2mm

Ride Height : 5.0mm

Drop :



Toe Angle : out 1.5°

Camber Angle : 1.5°

Anti Roll Bar : ☐ 1.2 ☒ 1.3

Front Suspension

ALU Body Stopper

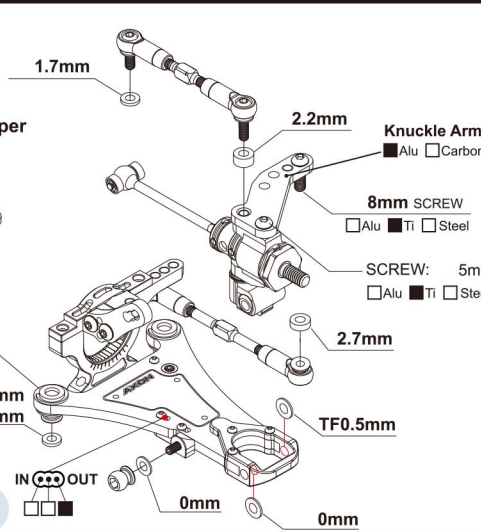
☒ USE ☐ NONE



☐ C-clip ☒ Oring

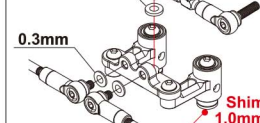
FF: SUS 0.5mm
FR: SUS 0.5mm

Lower arm Alu plate:
☒ Upper ☐ Lower



Bell Crank

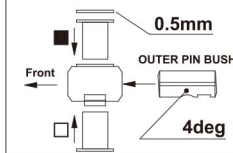
ST Limit



Wheel Hubs

☐ 3.5 ☒ 4.0
0.1mm
Alu 0.5mm

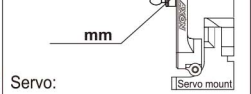
Caster Block



Servo Horn Ball Position

Horn type

• AXON 18.0mm



SHOCK ABSORBER

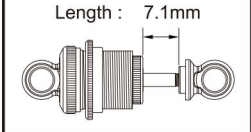
Spring: HLS-SS C2.8

Oil : AXON 32.5

Piston : ☐ 3H ☒ 4H

Bladder : ☐ V1 ☒ V2

☐ High Big Bore Shock 4
☒ High Big Bore Shock 5



REAR

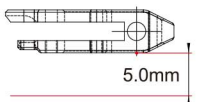
Damper Stay

☐ Std ☒ Low
☐ Wide

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

Ride Height : 5.2mm

Drop :



Toe Angle : 2.5°

Camber Angle : 1.5°

Anti Roll Bar : ☒ 1.2 ☐ 1.3

Gear Diff Oil

AXON 7500 cst 1.4g

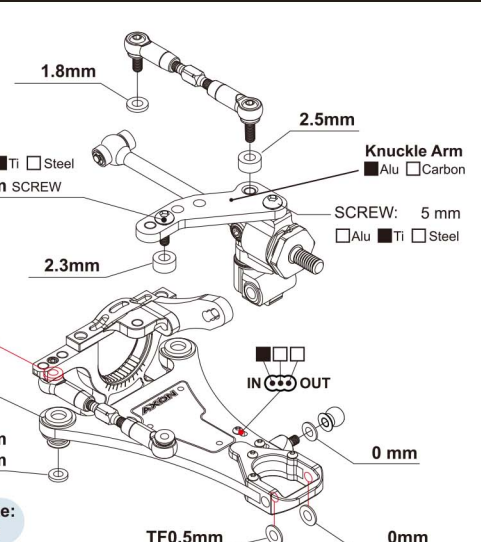
Rear Suspension

☐ Alu ☒ Ti ☐ Steel
8mm SCREW

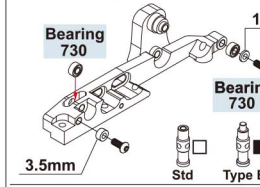
☐ C-clip ☒ Oring

RF: SUS 1.5mm
RR: SUS 1.5mm

Lower arm Alu plate:
☒ Upper ☒ Lower



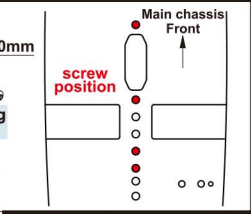
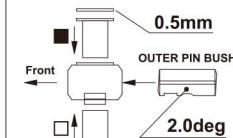
Motor Mount



Wheel Hubs

☐ 3.5 ☒ 4.0
0.1mm
AXON 0.2 & Alu 0.5 mm

Caster Block



SHOCK ABSORBER

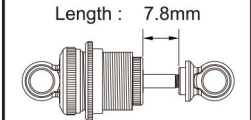
Spring: HLS-SS C2.7

Oil : AXON 32.5

Piston : ☐ 3H ☒ 4H

Bladder : ☐ V1 ☒ V2

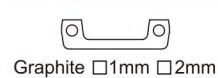
☐ High Big Bore Shock 4
☒ High Big Bore Shock 5



Rear Body Mount Stay



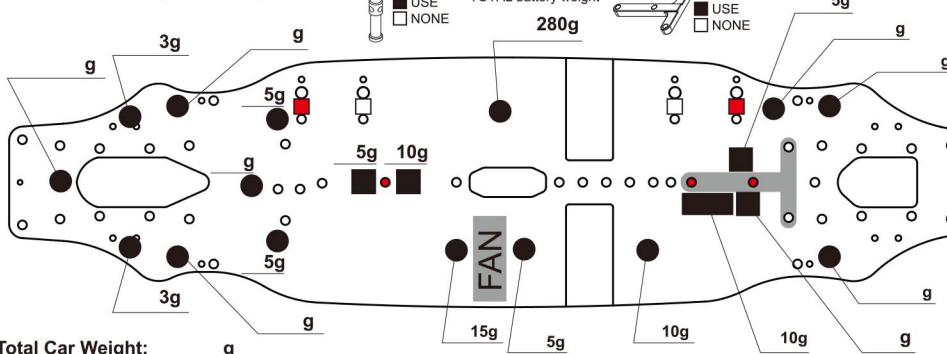
Rear Bulkhead Stiffener



Battery Mount



<<Balance Weight Setting>>



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	REAR
Tire: Carpet Tire	Tire: Carpet Tire
Insert:	Insert:
Wheel:	Wheel:
Additive:	Additive:
Notes:	Notes:

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ーンを使用
- 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