

TC10/3

1/10 EP TOURING CAR CHASSIS

Sheet Ver.1.3

DRIVER: Akio Sobue

DATE: 2025.1.26

RACE: YAMA YAMA CUP 2025

TRACK: Rajikonn Tenngoku Ngoya

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

TRACTION: ☐ High ☒ Medium ☐ Low TEMP AIR: 12 °C TEMP TRACK: °C

TRACK LAYOUT: ☐ Technical ☒ Mixed ☐ High speed

QF POSITION:1st

FINAL POSITION:1st

BEST LAPTIME:

FRONT

Damper Stay

☐ Std
☒ Low

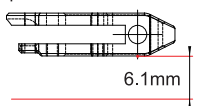
SCREW: ☐ Alu ☒ Ti ☐ SPS(Steel)
8mm
SHIM: 1.5mm

Bulkhead Stiffener

Graphite ☐ NONE ☐ 1mm ☒ 2mm

Ride Height : 4.6mm

Drop :



Toe Angle : out 1.5°

Camber Angle : 1.5°

Anti Roll Bar : ☐ 1.2 ☒ 1.3

Front Suspension

ALU Body Stopper

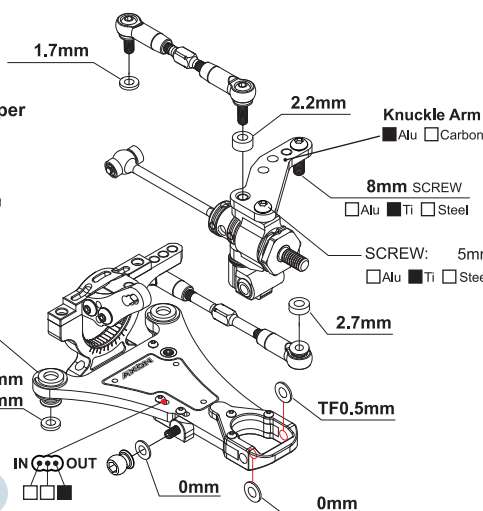
☒ USE ☐ NONE

SHIM
0.5mm

☐ C-clip ☒ Oring

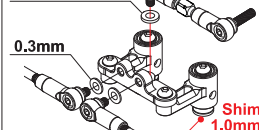
FF: SUS 0.5mm
FR: SUS 0.5mm

Lower arm Alu plate:
☒ Upper ☐ Lower

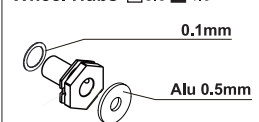


Bell Crank

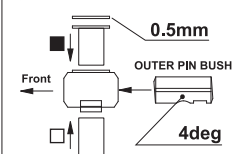
ST Limit



Wheel Hubs ☐ 3.5 ☒ 4.0

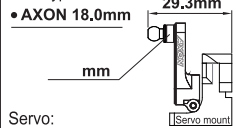


Caster Block



Servo Horn Ball Position

Horn type



SHOCK ABSORBER

Spring: HLS-SS C2.7

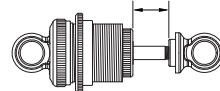
Oil : AXON 32.5

Piston : ☐ 3H ☒ 4H

Bladder : ☐ V1 ☒ V2

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

Length : 7.1mm



REAR

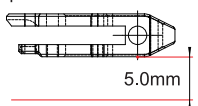
Damper Stay

☐ Std ☒ Low
☐ Wide

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

Ride Height : 4.8mm

Drop :



Toe Angle : 2.5°

Camber Angle : 2.2°

Anti Roll Bar : ☐ 1.2 ☒ 1.3

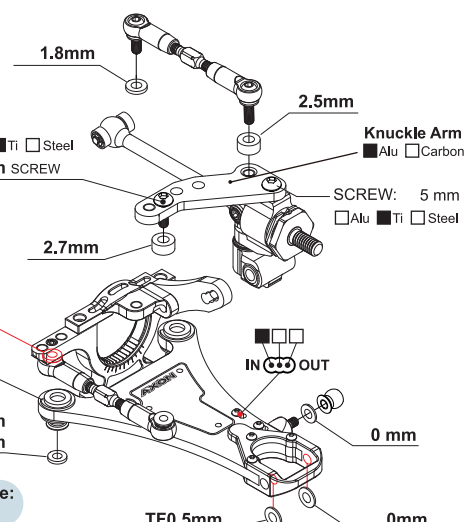
Rear Suspension

☐ Alu ☒ Ti ☐ Steel
8mm SCREW

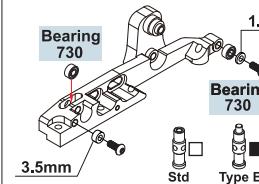
☐ C-clip ☒ Oring

RF: SUS 1.5mm
RR: SUS 1.5mm

Lower arm Alu plate:
☒ Upper ☒ Lower



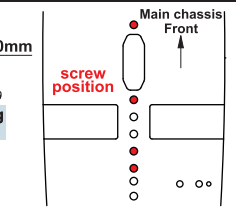
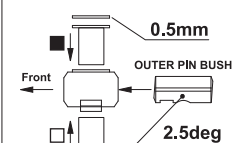
Motor Mount



Wheel Hubs ☐ 3.5 ☒ 4.0



Caster Block



SHOCK ABSORBER

Spring: HLS-SS C2.7

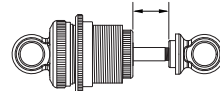
Oil : AXON 32.5

Piston : ☐ 3H ☒ 4H

Bladder : ☐ V1 ☒ V2

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

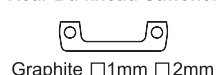
Length : 7.8mm



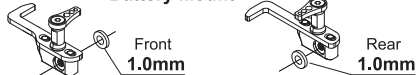
Rear Body Mount Stay



Rear Bulkhead Stiffener



Battery Mount



<<Balance Weight Setting>>

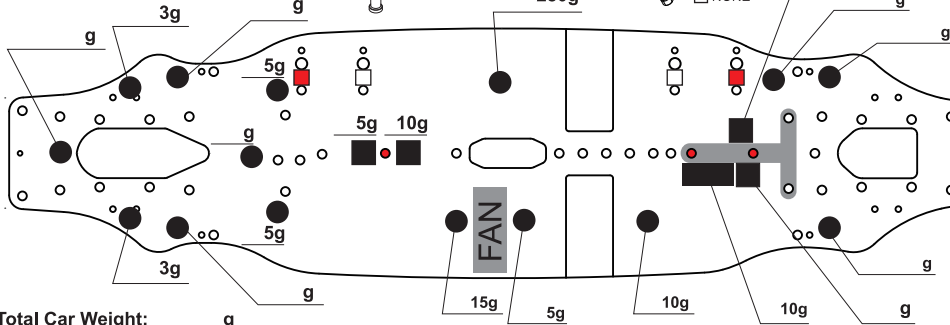
FRONT ROLL POST

☒ USE ☐ NONE

TOTAL battery weight

REAR T-BRACE

☒ USE ☐ NONE



Total Car Weight: g

Main Chassis: ☐ Carbon 2.25mm ☒ Alu 2.0mm
Top Deck: ☒ Carbon 2.0mm ☐ Carbon 2.25mm
Motor: ORCA 17.5
Spur Gear: 110T Pinion Gear: 38T
Battery: ORCA 6090
ESC: ORCA Oe1 Mk-II
Body: TWISTER UL
Wing: TWISTER SP(UL)

FRONT	REAR
Tire: SOREX 32R	Tire: SOREX 32R
Insert: AXON Soft	Insert: AXON Soft
Wheel: AXON 003	Wheel: AXON 003
Additive: マイティイエロー	Additive: マイティイエロー
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 :