

TC10/3

1/10 EP TOURING CAR CHASSIS

Sheet Ver.1.0

DRIVER: Akio Sobue

DATE: 2024.1.21

RACE: Yamayama race 2024

TRACK: Rajikonn Tenngoku Ngoya

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

TRACTION: ☒ High ☐ Medium ☐ Low TEMP AIR: 10°C TEMP TRACK: °C

TRACK LAYOUT: ☐ Technical ☒ Mixed ☐ High speed

QF POSITION: 1st

FINAL POSITION: 1st

BEST LAPTIME:

FRONT

Damper Stay



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

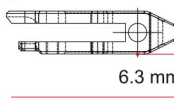
Bulkhead Stiffener



Graphite ☐ NONE ☐ 1mm ☒ 2mm

Ride Height : 4.5 mm

Droop :

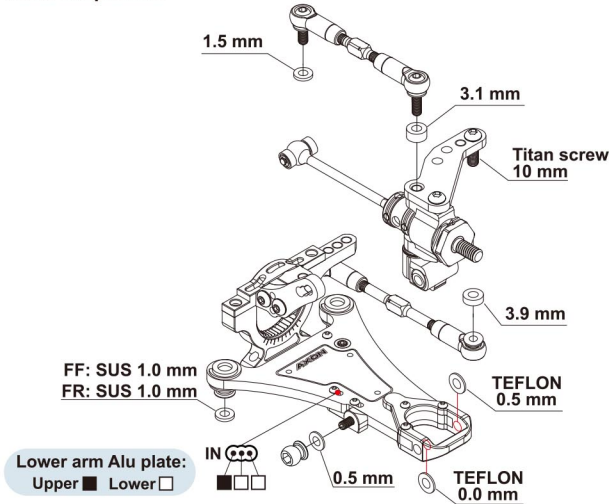


Toe Angle : out 1.2 °

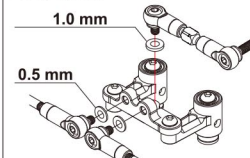
Camber Angle : 2.0 °

Anti Roll Bar : ☐ 1.2 ☒ 1.3

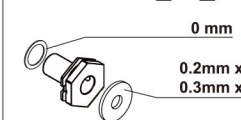
Front Suspension



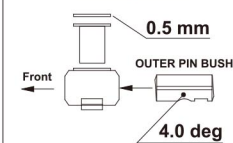
Bell Crank



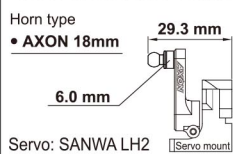
Wheel Hubs ☐ 3.5 ☒ 4.0



Caster Block



Servo Horn Ball Position



SHOCK ABSORBER

Spring: HLH-SS c2.7

Oil : AXON 32.5 wt

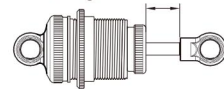
Piston : ☐ 3H ☒ 4H

Hole : 1.1 mm

Bladder : ☐ V1 ☒ V2

Shock cap Hole : 1.0 mm

Length : 7.2mm



REAR

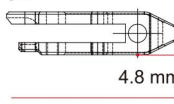
Damper Stay



SCREW: ☐ Alu ☒ Ti ☐ SPS(Steel)
8 mm
SHIM: 1.3 mm

Ride Height : 4.7 mm

Droop :

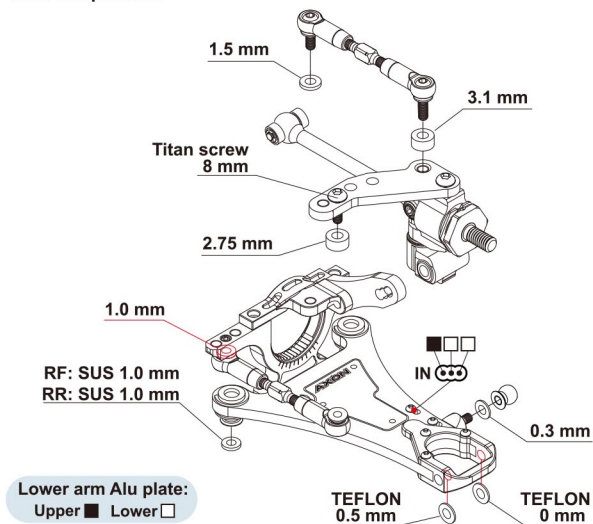


Toe Angle : in 2.0 °

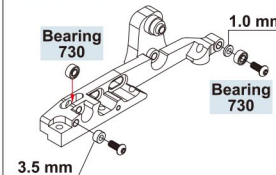
Camber Angle : 2.5 °

Anti Roll Bar : ☐ 1.2 ☒ 1.3

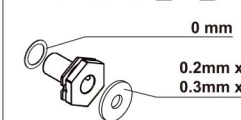
Rear Suspension



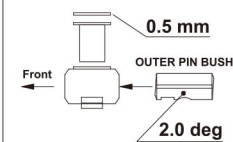
Motor Mount



Wheel Hubs ☐ 3.5 ☒ 4.0



Caster Block



SHOCK ABSORBER

Spring: HLH-SS c2.7

Oil : AXON 32.5 wt

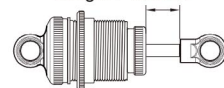
Piston : ☐ 3H ☒ 4H

Hole : 1.1 mm

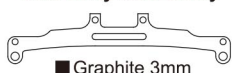
Bladder : ☐ V1 ☒ V2

Shock cap Hole : 1.0 mm

Length : 8.6mm



Rear Body Mount Stay



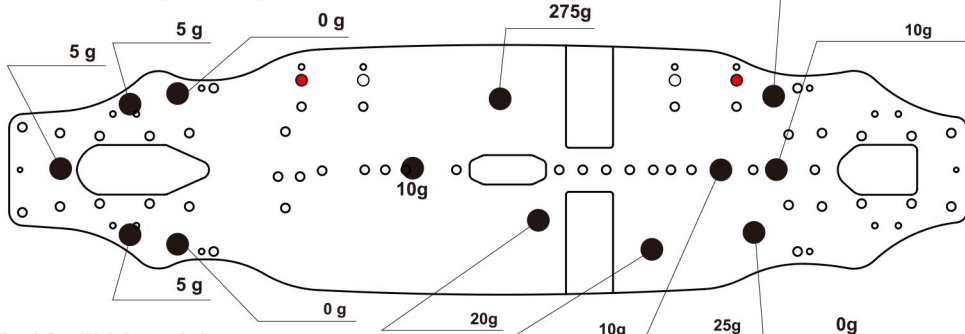
Rear Bulkhead Stiffener



Battery Mount



<<Balance Weight Setting>>



Screw setting <<Button Head>>

Top deck : 9pcs	6mm	☐ 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:	10mm	☐ 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

Main Chassis: ☒ Carbon 2.25mm

Top Deck: ☐ Carbon 2.0mm ☒ Carbon 2.25mm

Motor: ROAR 17.5T

Spur Gear: 110T Pinion Gear: 38T

Battery: ORCA 6390

ESC:

Body: TWISTER UL

Wing: TWISTER SP(UL)

FRONT

Tire: SOREX 32R

Insert: AXON SOFT

Wheel: AXON no3

Additive: マイティイエロー

Notes:

REAR

Tire: SOREX 32R

Insert: AXON SOFT

Wheel: AXON no3

Additive: マイティイエロー

Notes:

Notes :

- ボールベアリングはX10を使用。
Uses X10 ball bearings.
- シャーシウェイト5gをフロントに使用。
Chassis weight 5g is used at the front.
- アクソンスプリングチタンスクリューを使用。
Uses AXON spring titanium screws.