

TC10/3

1/10 EP TOURING CAR CHASSIS

Sheet Ver.1.0

DRIVER: Akio Sobue

DATE: 2024.5.2-5

RACE: 1Up West Coast Invitational race TRACK: FinishLine RC Raceway

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: 3rd

BEST LAPTIME:

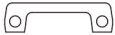
FRONT

Damper Stay



SCREW: ☐ Alu ☒ Ti ☐ SPS(Steel)
8 mm
SHIM: 2.0 mm

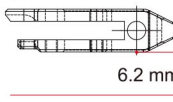
Bulkhead Stiffener



Graphite ☐ NONE ☐ 1mm ☒ 2mm

Ride Height : 5.0 mm

Droop :

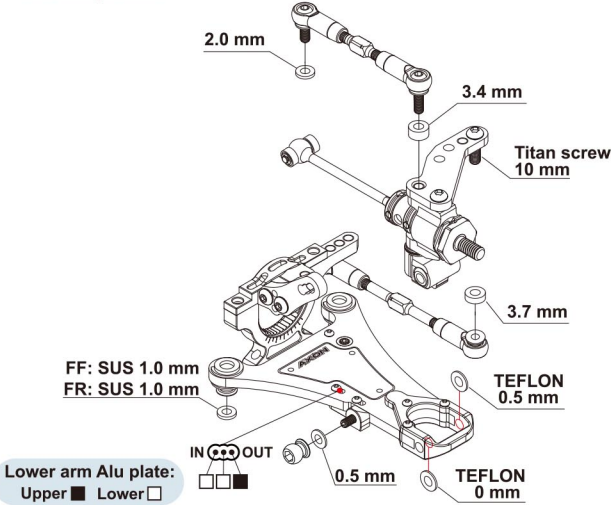


Toe Angle : out 1.2 °

Camber Angle : 1.5 °

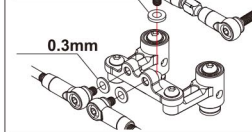
Anti Roll Bar : ☐ 1.2 ☒ 1.3

Front Suspension

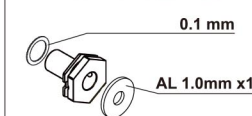


Bell Crank

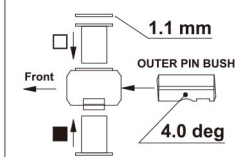
option:ST Limit



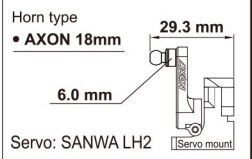
Wheel Hubs ☐ 3.5 ☒ 4.0



Caster Block

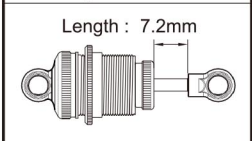


Servo Horn Ball Position



SHOCK ABSORBER

Spring: HLH-SS c2.6
Oil : AXON 32.5 wt
Piston : ☐ 3H ☒ 4H
Hole : 1.1 mm
Bladder : ☐ V1 ☒ V2
Shock cap Hole : 1.0 mm



REAR

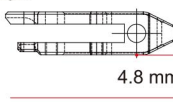
Damper Stay



SCREW: ☐ Alu ☒ Ti ☐ SPS(Steel)
8 mm
SHIM: 1.0 mm

Ride Height : 5.3 mm

Droop :

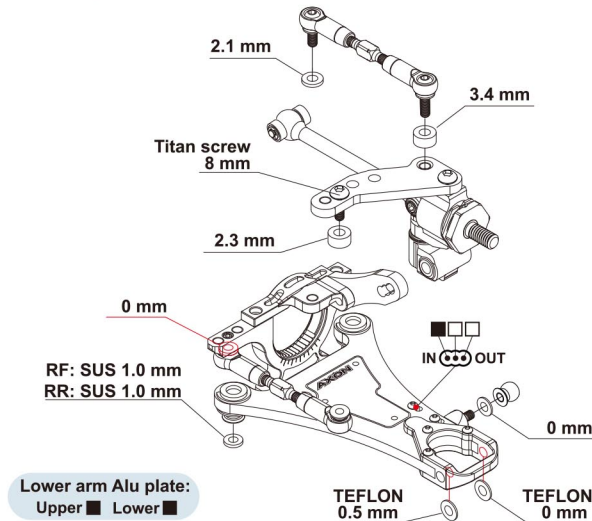


Toe Angle : in 2.0 °

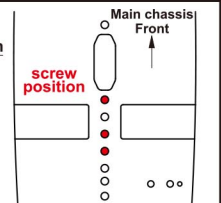
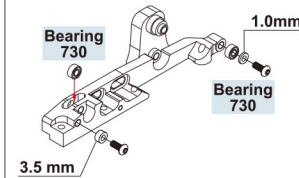
Camber Angle : 2.0 °

Anti Roll Bar : ☐ 1.2 ☒ 1.3

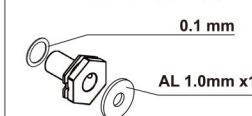
Rear Suspension



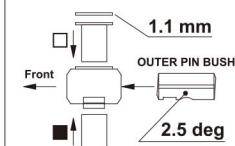
Motor Mount



Wheel Hubs ☐ 3.5 ☒ 4.0

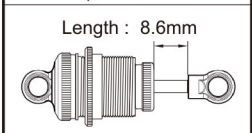


Caster Block

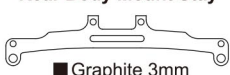


SHOCK ABSORBER

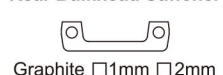
Spring: HLH-SS c2.65
Oil : AXON 32.5 wt
Piston : ☐ 3H ☒ 4H
Hole : 1.1 mm
Bladder : ☐ V1 ☒ V2
Shock cap Hole : 1.0 mm



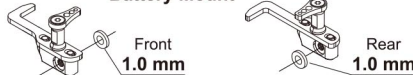
Rear Body Mount Stay



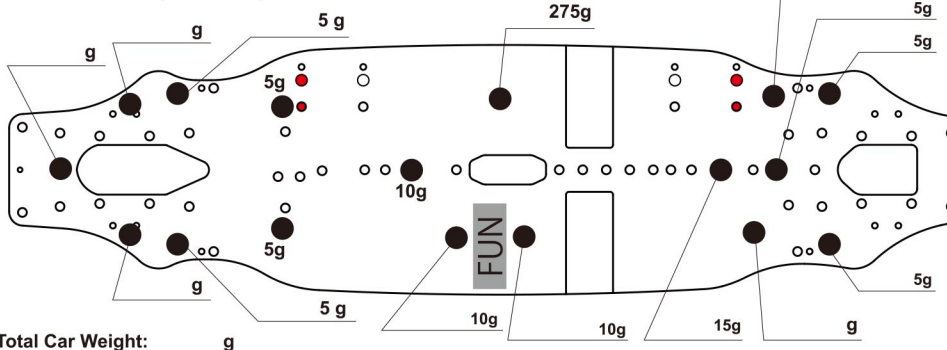
Rear Bulkhead Stiffener



Battery Mount



<<Balance Weight Setting>>



Total Car Weight: g

Screw setting <<Button Head>>

Top deck : 9pcs	5mm	☐ Alu ☒ Ti ☐ Steel
Upper bulkhead : FF 2pcs:	6mm	☐ 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

Main Chassis: ☒ Carbon 2.25mm

Top Deck: ☐ Carbon 2.0mm ☒ Carbon 2.25mm

Motor: ORCA MODTREME2 4.5T

Spur Gear: 110T Pinion Gear: 29T

Battery: ORCA 6090

ESC: ORCA OE1 MKII PRO

Body: TWISTER UL

Wing: TWISTER UL

FRONT

Tire: control tires

Insert:

Wheel:

Additive: mighty yellow

Notes:

REAR

Tire: control tires

Insert:

Wheel:

Additive: mighty yellow

Notes:

Notes :

- ボールベアリングはX10を使用。
- アクサン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。
- Uses X10 ball bearings.
- Uses Axon spring titanium screw.
- King pin screw uses optional titanium M4 screw.