

TC10/3

1/10 EP TOURING CAR CHASSIS

Sheet Ver.1.2

DRIVER: Akio Sobue

DATE: 2024.9.5

RACE: Practice

TRACK: GPSW

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

TRACTION: ☐ High ☒ Medium ☐ Low TEMP AIR: 32°C TEMP TRACK: 50°C

TRACK LAYOUT: ☐ Technical ☒ Mixed ☐ High speed

QF POSITION:

FINAL POSITION:

BEST LAPTIME:

FRONT

Damper Stay

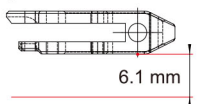
SCREW: ☐ Alu ☒ Ti ☐ SPS(Steel)
8 mm
SHIM: 2.0 mm

Bulkhead Stiffener

Graphite ☐ NONE ☐ 1mm ☒ 2mm

Ride Height : 5.0 mm

Droop :



Toe Angle : Out 1.2°

Camber Angle : 1.8°

Anti Roll Bar : ☐ 1.2 ☒ 1.3

Front Suspension

ALU Body Stopper



☐ C-clip ☒ Oring

FF: SUS 1.0mm

FR: SUS 1.0mm

Lower arm Alu plate:

☒ Upper ☐ Lower

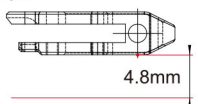
REAR

Damper Stay

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

Ride Height : 5.8mm

Droop :



Toe Angle : 2.8°

Camber Angle : 2.0°

Anti Roll Bar : ☐ 1.2 ☒ 1.3

Gear Diff Oil

AXON 7500 cst 1.4g

Rear Suspension

☐ C-clip ☒ Oring

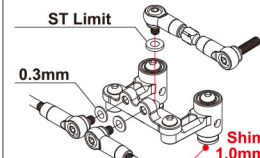
RF: SUS 1.2mm

RR: SUS 1.0mm

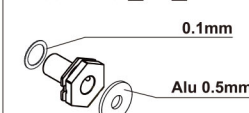
Lower arm Alu plate:

☒ Upper ☒ Lower

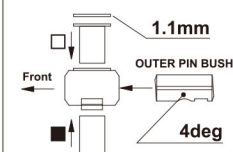
Bell Crank



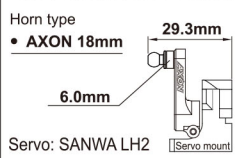
Wheel Hubs ☐ 3.5 ☒ 4.0



Caster Block



Servo Horn Ball Position



SHOCK ABSORBER

Spring: HLS-SS c2.7

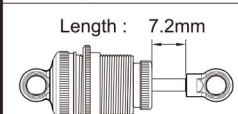
Oil : AXON 32.5

Piston : ☐ 3H ☒ 4H

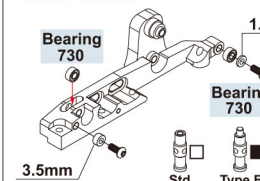
Hole : (Std) 1.1mm

Bladder : ☐ V1 ☒ V2

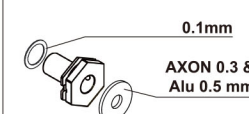
Shock cap Hole : 1.0mm



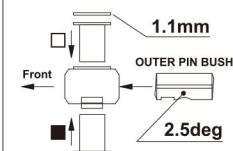
Motor Mount



Wheel Hubs ☐ 3.5 ☒ 4.0



Caster Block



SHOCK ABSORBER

Spring: HLS-SS c2.75

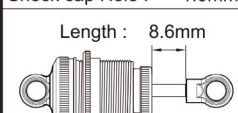
Oil : AXON 32.5

Piston : ☐ 3H ☒ 4H

Hole : (Std) 1.1 mm

Bladder : ☐ V1 ☒ V2

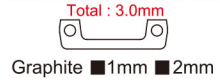
Shock cap Hole : 1.0mm



Rear Body Mount Stay



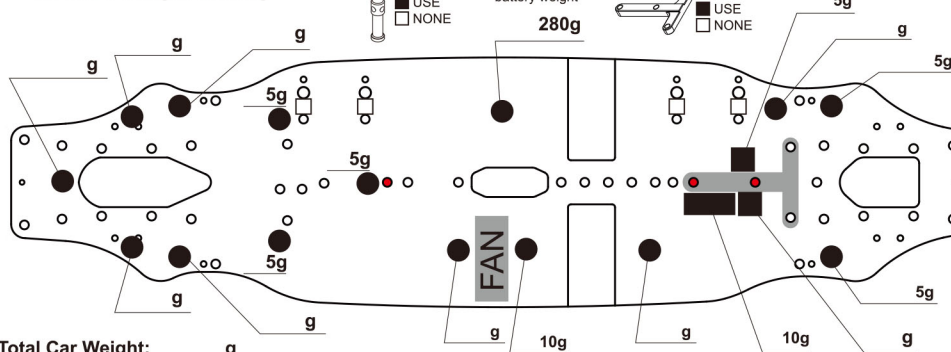
Rear Bulkhead Stiffener



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: ORCA MODTREME2 4.5T

Spur Gear: 110T Pinion Gear: 29T

Battery: ORCA 6090

ESC: ORCA OE1 MKII PRO

Body: ETREME TWISTER SL

Wing: ETREME TWISTER SP UL

FRONT

Tire: HAND OUT YURUGIX32

Insert:

Wheel:

Additive: MG V3 Yellow

Notes:

REAR

Tire: HAND OUT YURUGIX32

Insert:

Wheel:

Additive: MG V3 Yellow

Notes:

Screw setting <<Button Head>>

Top deck : 8pcs	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:	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
・キングピンピスはオプション チタンM4ピスを使用
・ベルクランクポストを1mmシムを入れて高さを上げる

・Uses X10 ball bearings and spring titanium screws
・Kingpin screws are optional. Uses titanium M4 screws
・Increase the height of the bell crank post by adding a 1mm shim.