

TC10/3

1/10 EP TOURING CAR CHASSIS

Sheet Ver.1.1

DRIVER: Akio Sobue

DATE: 2024.6.6-9

RACE: ETS RD1 Apeldoorn

TRACK: AMCA

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: 5th

FINAL POSITION: 4th

BEST LAPTIME:

FRONT

Damper Stay



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

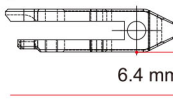
Bulkhead Stiffener



Graphite ☐ NONE ☐ 1mm ☒ 2mm

Ride Height : 4.8 mm

Droop :



Toe Angle : out 1.2 °

Camber Angle : 1.5 °

Anti Roll Bar : ☐ 1.2 ☒ 1.3

Front Suspension

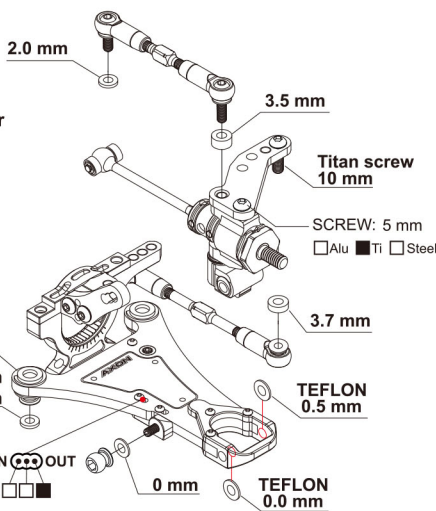
ALU Body Stopper



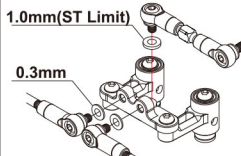
☐ C-clip ☒ Oring

FF: SUS 1.0 mm
FR: SUS 1.0 mm

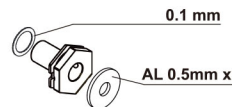
Lower arm Alu plate:
☒ Upper ☐ Lower



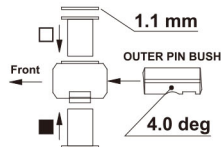
Bell Crank



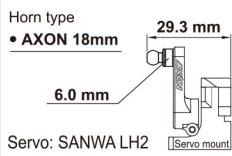
Wheel Hubs ☐ 3.5 ☒ 4.0



Caster Block



Servo Horn Ball Position



SHOCK ABSORBER

Spring: HLS-SS c2.65

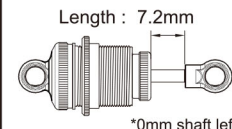
Oil : AXON 32.5 wt

Piston : ☐ 3H ☒ 4H

Hole : 1.1 mm

Bladder : ☐ V1 ☒ V2

Shock cap Hole : 1.0 mm



REAR

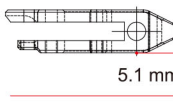
Damper Stay



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

Ride Height : 5.2 mm

Droop :



Toe Angle : in 2.2 °

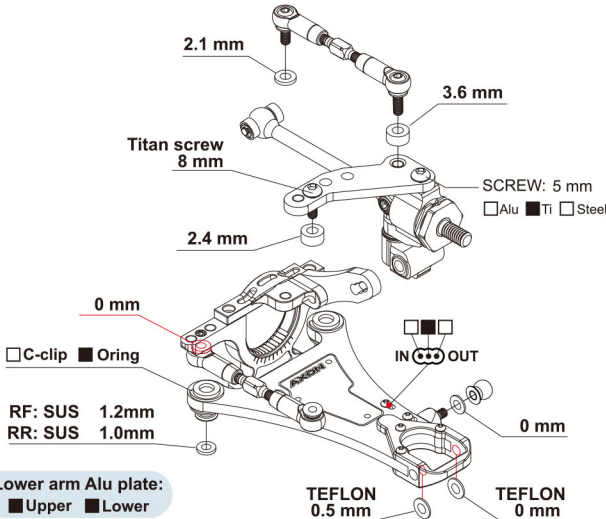
Camber Angle : 2.0 °

Anti Roll Bar : ☐ 1.2 ☒ 1.3

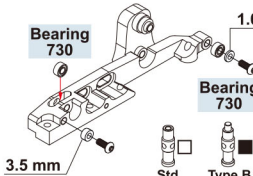
Gear Diff Oil

AXON 7500 cst 1.4g

Rear Suspension



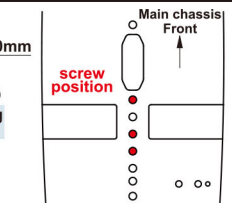
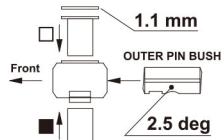
Motor Mount



Wheel Hubs ☐ 3.5 ☒ 4.0



Caster Block



SHOCK ABSORBER

Spring: HLS-SS c2.75

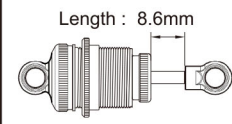
Oil : AXON 32.5 wt

Piston : ☐ 3H ☒ 4H

Hole : 1.1 mm

Bladder : ☐ V1 ☒ V2

Shock cap Hole : 1.0 mm



Rear Body Mount Stay



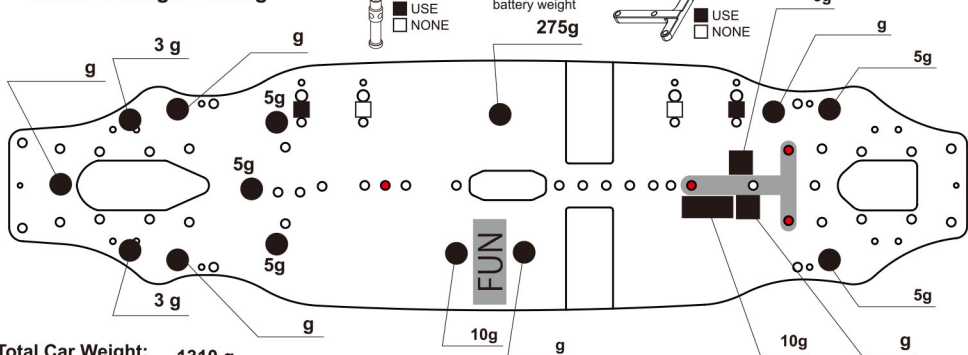
Rear Bulkhead Stiffener



Battery Mount



<<Balance Weight Setting>>



Total Car Weight: 1310 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: 30T
Battery: ORCA 6090
ESC: ORCA OE1 MKII PRO
Body: ETREME TWISTER UL
Wing: Zoo Wolverrine 0.5mm

FRONT	REAR
Tire: MATRIX D36	Tire: MATRIX D36
Insert:	Insert:
Wheel:	Wheel:
Additive: MR33 V3	Additive: MR33 V3
Notes:	Notes:

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

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 (近日発売予定)
•ALU BODY STOPPER 使用 (近日発売予定)

•Uses X10 ball bearings and spring titanium screws
•Kingpin screws are optional. Uses titanium M4 screws
•Uses 6mm ball bushing
•Uses front roll post and rear roll post / Type B
•Uses rear T-brace (to be released soon)
•Uses alu body stopper (to be released soon)