TC10/4

1/10 EP TOURING CAR CHASSIS

Sheet Ver.1.0

DRIVER: Zaccheus Lam DATE: 14 Feb 2026
RACE: TITC 2026 TRACK:
ENVIRONMENT: Outdoor COMPOSITION: Asphalt LAYOUT: Mixed
TRACTION: Very High SURFACE: Smooth/Bumpy
TEMPERATURE - AIR: TRACK: Rc addict
QUALIFICATION: 15 FINAL: 14 BEST LAPTIME:

FRONT

Shock Tower
SHIM: 3 mm
SET SCREW: 8 mm

Bulkhead Stiffener

Ride Height : 5.0 mm
Droop : 7.3 mm
Toe Angle : 1.2°
Camber Angle : 2°
Anti Roll Bar : ☐1.2 ☑1.3

Alu Body Stopper
SHIM: 1 mm

Pivot Position
IN OUT
SCREW: CNC 8 mm

0.3 mm
SET SCREW: 10 mm
2 mm
SCREW: mm
2 mm
SCREW: mm
☐Alu ☑Ti ☐Steel

SHIM: 1 mm
☐C-clip ☑Oring
<<6mm ball height>>
FF: 0.5 mm
FR: 0.5 mm

☐Resin ☐Alu
☐LOW ☑HIGH
Front
position: 6

Bell Crank
0.5 mm
0.5 mm

Wheel Hubs ☐3.5 ☑4.0
0.1 mm
0.5 mm

Caster Block: B
0.5 mm
Front
OUTER PIN BUSH
4 deg

Servo Horn Ball Position
Horn type
18 mm
mm
mm
Servo: PGS LHII
Servo mount

SHOCK ABSORBER
Spring: 2.5-2.8
Oil : 37.5
Piston : ☐3H ☑4H
Hole : std
Bladder : ☐V1 ☑V2
Bump Stop : 1.5mm
Length : 6.6mm
Rebound : mm

REAR

Shock Tower
SHIM: 3.2 mm
SET SCREW: 8 mm

Ride Height : 5.5 mm
Droop : 6.2 mm
Toe Angle : 3°
Camber Angle : 2°
Anti Roll Bar : ☐1.2 ☑1.3

Gear Diff Oil
AXON 12.5Kcst 1.4g

Pivot Position
IN OUT
SCREW: CNC 8 mm

0.3 mm
SET SCREW: 10 mm
2.5 mm
☑Alu ☐Carbon
SCREW: CNC 8 mm
SCREW: mm
☐Alu ☑Ti ☐Steel
3 mm

SHIM: 0 mm
SHIM: 0 mm
☐C-clip ☑Oring
<<6mm ball height>>
FF: 0.5 mm
FR: 0.5 mm

☐Resin ☐Alu
☐LOW ☑HIGH
Front
position: 10

Motor Mount
Bearing
mm
mm
Std Type B
screw position
Main chassis Front

Wheel Hubs ☐3.5 ☑4.0
0.1 mm
0.5 mm

Caster Block: B
mm 0.6
Front
OUTER PIN BUSH
2.5 deg

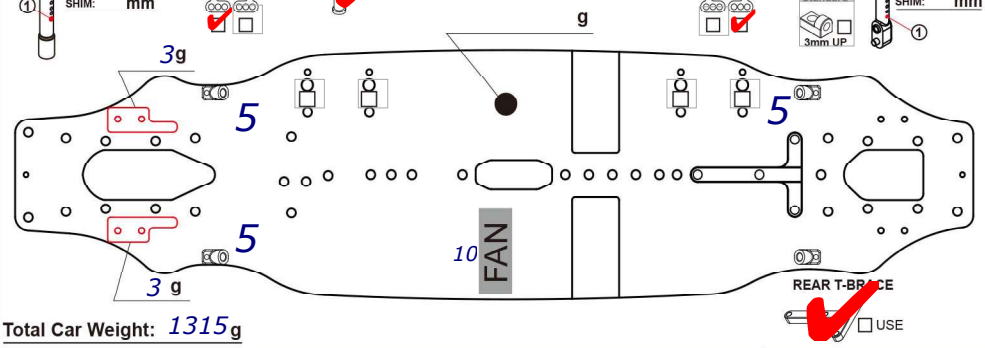
SHOCK ABSORBER
Spring: 2.7
Oil : 37.5
Piston : ☐3H ☑4H
Hole : std
Bladder : ☐V1 ☑V2
Bump Stop : 1.5mm None
Length : 7.4 mm
Rebound : mm

Bumper Brace
☐TC10/4 std
☑TC10/3 carbon
☐Cut

Rear Body Mount Post
☐Horizontal ☑Top

SHIM: mm
FRONT mm REAR mm
Guide Clearance

FRONT Body Post
PIN position:
SHIM: mm
FRONT Top Deck
FRONT ROLL POST ☑USE
REAR Top Deck
REAR Body Post & Stay Blok
Standard
3mm UP
PIN position:
SHIM: mm



Total Car Weight: 1315 g

Screw setting <<Button Head>>

Top deck : 9pcs	CNC 6 mm	☐Alu	☑Ti	☐Steel
Upper bulkhead : FF 2pcs:	CNC 8 mm	☐Alu	☑Ti	☐Steel
Upper bulkhead : FR 2pcs:	CNC 8 mm	☐Alu	☑Ti	☐Steel
Upper bulkhead : RF 2pcs:	CNC 8 mm	☐Alu	☑Ti	☐Steel
Upper bulkhead : RR 2pcs:	CNC 8 mm	☐Alu	☑Ti	☐Steel
Rear Body mount stay : 2pcs:	6 mm	☑Alu	☐Ti	☐Steel

Screw setting <<Flat Head>>

Front bumper 4pcs:	CNC 8 mm	☐Alu	☑Ti	☐Steel
Lower bulkhead 8pcs:	CNC 6 mm	☐Alu	☑Ti	☐Steel
Sus-balls ALL:	6 mm	☐Alu	☑Ti	☐Steel
Bell crank post:	CNC 6 mm	☐Alu	☑Ti	☐Steel
Servo mount:	CNC 6 mm	☐Alu	☑Ti	☐Steel
Motor mount:	CNC 6 mm	☐Alu	☑Ti	☐Steel

Main Chassis: 2.0 Alu
Top Deck: STD
Motor: Boostreme 3 13.5T
Spur Gear: 100 T Pinion Gear: 34 T
Battery: Orca PowerCore 7000mah 7.4v
ESC: Orca OE1 MkII
Body: Speciale UL
Wing: Twister UL (Wing Winglet)

FRONT	REAR
Tire: Sweep control	
Insert: control	
Wheel: control	
Additive: Yellow	

Notes :

1. T brace side holes used
2. First motor mount screw is set screw
3. Front post middle hole used