

TITC 2025 Technical Regulations

(All regulations subject to change without prior notice)

TITC 2025 CLASSES:

- 1) PORSCHE Thailand CUP TT02 Class
- 2) Touring Car Stock "Non-Boost" 17.5T Class
- 3) Rally On-Road Class
- 4) Touring Car Stock "Open B/L" 13.5T Class
- 5) Touring Car Modified Class

TITC 2025 GENERAL REGULATIONS:

PERSONAL TRANSPONDER:

Race Organizers will run an AMB Counting System compatible with both AMB square type Transponders and Personal Transponders.

TECHNICAL INSPECTION:

- Driver's Car and Battery shall pass thru Technical Inspection before each sanctioned race.
- Car Weight will be checked **AFTER** each race (from Control Practices to Qualifications and All Main Races)

GENERAL TIRE RULES:

ALL DRIVER MUST USE TITC 2025 OFFICIAL TIRES FOR THE WHOLE DURATION OF THE EVENT. FROM FREE/CONTROL PRACTICE, QUALIFY AND MAIN FINALS.

- Modification or alteration of the wheels inserts and/or tires are not permitted.
- Failing inspection will lead to immediate disqualification.
- Tire assembly and glueing is under driver's responsibility.
- Sidewall glueing is left to driver's preference on high grip conditions

ALL DRIVERS MUST USE THEIR IDed MARKED TIRES DURING QUALIFY AND MAIN FINALS.

- The use of unmarked tires during QUALIFY and MAIN FINALS will result in direct disqualification.

DRIVER-STAND ACCESS AND ENTRE FREE:

Open / Free Practice:

Drivers shall pay their daily track fee from the RC Addict Shop to receive their stickers/transponders to access the Driver-Stand.

Entry Fee and ID Badge:

We highly recommend all drivers to take care of their entry fee upon arrival to the track to avoid long queuing and time wasting.

Once officially registered, all drivers must display their **ID BADGE TO ACCESS THE DRIVER STAND.**

RACING FAIRNESS AND RACING PENALTY RULES:

TITC Race Officials and Referees will enforce **WARNING & PENALTY** rules proportionally to **Racing Behavior Infringement** to establish fairness of racing for every driver (IFMAR ISTC based regulations will be applied) at all time of the event duration: from Open/Free Practice until the very last Main Race.

- 1- FIRST and LAST WARNING.
- 2- STOP & GO Penalty (from 5 up to 10s based on the severity of the infringement)
- 3- Instant Black Flag / Immediate disqualification.
- 4- Ban from the remaining of the event.

Enforcing Racing Fairness is every Driver Responsibility. Aggressive driving style, pressure and intimidation on the Racetrack **are allowed as long as there's no direct contact.** Any resulting contact or crash detected/witnessed by the Race Officials will be sanctioned.

We wish all drivers from around the World to enjoy their time and RC race experience during this 2025 Edition of the TITC. Welcome to Bangkok, best of luck to everyone!

“Non-Boost” Class Technical Regulations:

IFMAR ISTC 1/10 EP Rules will be used as basis for this event.

The additional regulations are as following:

1. BODYSHELL APPEARANCE. Only Tamiya Bodyshell are allowed among the following list:

51453 SUMO POWER GT-R	51563 RAYBRIG NSX CONCEPT-GT
51575 BRZ R&D SPORT'14 FUJI	51584 MOTUL AUTECH GT-R
51586 HONDA NSX	51590 MERCEDES-AMG GT3
51614 FORD MUSTANG GT4	51678 AU TOMS' GR SUPRA
51689 OPEL CALIBRA V6 CLIFF	51705 PORSCHE 911 GT3 992
51731 MOTUL AUTECH Z	58739 Honda NSX Racing (Body from TT02 kit)

51664 2020 FORD GT Mk II (Must be used with Tamiya Hop-Up Options Aluminum Adjustable Wing Stay item 54510)

51693 MCLAREN SENNA (Must be used with Tamiya Hop-Up Options Aluminum Adjustable Wing Stay item 54510)

***Tamiya Hop-Up Options wings are allowed. Modification of Body and Wing are not permitted (Original drilling position of body posts and wing mounts must be respected; any repositioning is not permitted)

ADDITIONAL BODY AND WING REGULATIONS:

- 1.1 - Tires, motor and battery cannot exceed the bodyshell limits when viewed from above.
- 1.2 - The mirrors and windows must be left clear or painted with translucent smoke-like color.
- 1.3 - The bodyshell must be painted.
- 1.4 - The Front and Rear lights of the car must be represented (by paint or supplied stickers).
- 1.5 - The standard body wings and spoilers can be used.
- 1.6 - Only one wing is allowed, fitted in the same place as the wing from the original car model.
- 1.7 - HANDMADE WINGS ARE NOT ALLOWED.

2. CHASSIS, DRIVE TRAIN & GEAR RATIO:

- 2.1 - Only four (4) wheel drive transmission type is allowed for this event.
- 2.2 - No minimum Ride Height required.
- 2.3 - **No minimum Gear Ratio.**

3. WEIGHT:

The weight of the car, ready to race including timing equipment (transponder), at any time of the race shall be: 1320g MINIMUM checked **AFTER** the race.

4. BATTERY:

- 4.1 - Maximum 6 cells 7.2V Sub-C NiCd/NiMH or Max. 2 LiPo cells 7.4V-7.6V in hardcase.
MAXIMUM VOLTAGE: **8.44 V** checked **BEFORE** race.
- 4.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.
- 4.3 - Battery aids for servo can be installed but may not assist the driving system in any way.
- 4.4 - LiPo main battery **MUST** always be charged in a fire-proof and sealable 'LiPo Safety Bag'.
Driver shall never leave a charging battery unattended.

5. MOTOR & ESC:

- 5.1 - Motor winding of **17.5T (17.5T 4 Pole is not allowed)**
Motor & ESC chosen among TITC2025 Sponsored Brands only. Modification not permitted.
- 5.2 - Internal resistance shall not be lower than 0.032 Ohm (Checked by Hioki RM3548)
- 5.3 - **Only stock Blinky-specific ESCs are allowed.**
- ESC with built-in boost or turbo functions are prohibited, regardless of whether they have been modified with Blinky firmware.
- 5.4 - **Must keep its original capacitor and original wires.**

6. TIRES:

- 6.1 - Drivers must always use the Ride Slick Tire No.26404.
- 6.2 - **Maximum 3 tire sets** within the whole sanctioned event.
- 6.3 - Modification not permitted.

A-Main Drivers will get 1 more Tire set from Organizer (Free).

The Maximum diameter shall be 66.50mm or lower at any time of the race (during FP, CP, Qualify and Main Final). Random check on marked tires may also occur without prior notice

Any attempt on altering the outer shape of the tire and/or altering the insert by any means shall result in a direct disqualification of the remaining of the Race

Touring Car “Open B/L” Class Technical Regulations:

IFMAR ISTC 1/10 EP Rules will be used as basis for this event.

The additional regulations are as following:

1. BODYSHELL APPEARANCE:

- 1.1 - Cars must be 1/10th scale Touring Car 4 Doors, which are available on the market.
- 1.2 - No part of the chassis, including wheels/tires/motor/battery or electronic equipment may protrude outside the body shell limits when viewed from above.
- 1.3 - The standard body wings and spoilers can be used. Optional wings are allowed as long as they meet the dimensional requirements.
- 1.4 - No extra holes permitted on the bodyshell, except antenna pipe, body posts, wing mounts and transponder, which shall not exceed 10mm in diameter.
- 1.5 - Dimensions:
 - Maximum width without body 190mm.
 - Maximum width with body 200mm.
 - Maximum wheelbase 273mm.

2. CHASSIS AND DRIVE TRAIN:

- 2.1 - Only four (4) wheel drive transmission type is allowed for this event.
- 2.2 - No minimum ride height.

3. WEIGHT:

The weight of the car, ready to race including timing equipment (transponder) at any time of the race shall be: **1,300g** MINIMUM checked **AFTER** the race.

4. WING:

- 4.1 - See IFMAR ISTC 1/10th Touring Car Regulation for Wing and side Dams overall dimensions.
- 4.2 - Rear Wing level should be strictly lower than Roof Top level.
- 4.3 - Rear overhang of the rear Wing shall not exceed 10mm.

5. BATTERY:

- 5.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Max. 2 LiPo cells 7.4-7.6v in hardcase. **MAXIMUM VOLTAGE: 8.44 V** checked **BEFORE** each race (Qualification and Main Finals).
- 5.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.
- 5.3 - Battery aids for servo can be installed but may not assist the main drive system in any way.
- 5.4 - LiPo main battery **MUST** always be charged in a fire-proof and sealable ‘LiPo Safety Bag’.
Driver shall never leave a charging battery unattended.

6. MOTORS & ESC:

- 6.1 - Motor winding of **13.5T**
Chosen among TITC 2025 Sponsored Brands only. Modification not permitted.
- 6.2 - Internal resistance shall not be lower than 0.018 Ohm (Checked by Hioki RM3548)
- 6.3 - ESC Open. Must be available on the market.

7. TIRES:

- 7.1 - Driver must always use Sweep Racing Tires with TITC Logo (tires come unglued).
- 7.2 - **Maximum 4 tire sets** within the whole sanctioned event.
- 7.3 - Modification not permitted.

Touring Car Modified Class Technical Regulations

IFMAR ISTC 1/10 EP Touring Car Chassis will be used as basis for this event.
The additional regulations are as following:

1. BODYSHELL APPEARANCE:

- 1.1 - Cars must be 1/10th scale Touring Car 4 Doors, which are available on the market.
- 1.2 - No part of the chassis, including wheels/tires/motor/battery or electronic equipment may protrude outside the body shell limits when viewed from above.
- 1.3 - The standard body wings and spoilers can be used. Optional wings are allowed as long as they meet the dimensional requirements.
- 1.4 - No extra holes permitted on the bodyshell, except antenna pipe, body posts, wing mounts and transponder, which shall not exceed 10mm in diameter.
- 1.5 - Dimensions:
 - Maximum width without body 190mm.
 - Maximum width with body 200mm.
 - Maximum wheelbase 273mm.

2. CHASSIS AND DRIVE TRAIN:

- 2.1 - Only four (4) wheel drive transmission type is allowed for this event.
- 2.2 - No minimum ride height.

3. WEIGHT:

The weight of the car, ready to race including timing equipment (transponder) at any time of the race shall be: **1,300g** MINIMUM checked **AFTER** the race.

4. WING:

- 4.1 - See IFMAR ISTC 1/10th Touring Car Regulation for Wing and side Dams overall dimensions.
- 4.2 - Rear Wing level should be strictly lower than Roof Top level.
- 4.3 - Rear overhang of the rear Wing shall not exceed 10mm.

5. BATTERY:

- 5.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Max. 2 LiPo cells 7.4-7.6v in hardcase.
- 5.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.
- 5.3 - LiPo main battery **MUST** always be charged in a fire-proof and sealable 'LiPo Safety Bag'. Driver shall never leave a charging battery unattended.

6. MOTORS & ESC:

- 6.1 - Any Modified Class Motor winding is allowed. Must be available on the market.
- 6.2 - Any ESC available on the market is allowed.

7. TIRES:

- 7.1 - Driver must always use Sweep Racing Tires with TITC Logo (tires come unglued).
- 7.2 - **Maximum 7 tire sets** within the whole sanctioned event.
- 7.3 - Modification not permitted.

Driver can buy additional 2 more tires set (Control practices – Final)

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A-Main Drivers can get 2 EXTRA set from organizer (Free).

Porsche Cup Tamiya TT02 Class Technical Regulations:

Trophy from AAS Motorsport (AAS Auto Service Co.,Ltd.)

1. BODY SHELL APPEARANCE: (Cars do not have to be equipped with cockpit detail or a driver figure)
Tamiya bodyshell with original factory hole/drill for body post and wing position must be respected.
Only 2 Tamiya Bodysells with original wing are allowed as following:

51543 PORSCHE 911 CARRERA RSR or 51705 PORSCHE 911 GT3 992

2. CHASSIS AND DRIVE TRAIN:

2.1 **Only Tamiya TT02, TT02R and TT02RR Chassis are permitted in this class.**

2.2 **TT02S is NOT ALLOWED in this class.**

2.3 No Gear modification. Gear ratio: Spur Gear 64T, Pinion Gear 29T = **5.74**:1 Final gearing.

2.4 Hop-Up Option: only Tamiya TT02 parts and Hop-Up Option parts are allowed

2.5 TT02S parts are not allowed.

2.6 parts and Hop-Up Option parts Any handmade Modification is not permitted.

2.7 Tamiya branded Shock DAMPERS and UNIVERSAL Drive Shaft are allowed.

3. WEIGHT:

The weight of the car, ready to race including timing equipment (transponder) at any time of the race shall be: **1,350g** MINIMUM checked **AFTER** the race.

4. BATTERY:

4.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Max. 2 LiPo cells 7.4-7.6v in hardcase.

MAXIMUM VOLTAGE: **8.44 V** checked **BEFORE** each race (Qualification and Main Finals).

4.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.

5.3 - Battery aids for servo can be installed but may not assist the main drive system in any way.

5.4 - LiPo main battery **MUST** always be charged in a fire-proof and sealable 'LiPo Safety Bag'.

Driver shall never leave a charging battery unattended.

5. MOTORS & ESC:

5.1 Motor must be Tamiya#54612 15.5T Brushless Motor.

5.2 No modification permitted. MAXIMUM 2600KV+-**0.5%** 2.1AMP (0.035Ω)

5.3 HOBBYWING Justock 60 Amp ESC Only. Must keep its original capacitor and wires.

6. TIRES:

6.1 - Drivers must always use the Ride Slick Tire No.26404. Modification is not permitted.

6.2 - **Maximum 3 tire sets** within the whole sanctioned event. Handed out from Organizers.

The Maximum diameter shall be 66.50mm or lower at any time of the race (during FP, CP, Qualify and Main Final). Random check on marked tires may also occur without prior notice

Any attempt on altering the outer shape of the tire and/or altering the insert by any means shall result in a direct disqualification of the remaining of the Race

Limited to the First 100 Drivers - 3 **Prizes Body Contest** by AAS MOTORSPORT.



Tamiya Rally On-Road Class Technical Regulations:

Any 1/10 scale 4 Wheels Drive (4WD) Chassis is allowed (no restriction).

1. BODYSHELL APPEARANCE: 3 Prize Concours of Elegance

- 1.1 - Only Tamiya WRC 190 mm body are allowed. See list below.
- 1.2 - Handmade Modification of Body and Hop-Up Option Wings are NOT permitted.
- 1.3 - 4 LED Lights must be installed (recommended lighting set ABC HOBBY ITEM 62702,62703,62705)
- 1.4 - Max. width without body 190mm, 200mm with Body. Max. wheelbase 273mm. No weight limits.

1. 50927 Mitsubishi Lancer Evolution VII WRC
2. 51289 SUBARU IMPREZA WRC '07
3. 51364 SUBARU IMPREZA WRC 2008
4. 51401 LANCIA DELTA INTEGRALE
5. 51407 DATSUN 240Z RALLY
6. 51608 TOYOTA GAZOO YARIS WRC
7. 51615 AUDI QUATTRO A2
8. 51707 Toyota Gazoo Racing WRT/GR Yaris Rally1 Hybrid
9. 51708 TOYOTA CELICA GT-FOUR (ST165)
10. Body from item 58631 Subaru Impreza Monte-Carlo '99 (TT02)
11. Body from item 58654 Lancia 037
12. Body from item 58528 SUBARU IMPREZA WRX STI TEAM Arai



Mitsubishi Lancer
Evolution VII WRC



SUBARU IMPREZA
WRC '07



Lancia Delta
Integrale



SUBARU IMPREZA
WRC 2008



Audi Quattro
Rallye A2



Subaru Impreza
Monte-Carlo '99



Toyota Gazoo Racing
WRT/GR Yaris Rally1
Hybrid



DATSUN 240Z RALLY



TOYOTA CELICA
GT-FOUR (ST165)



TOYOTA GAZOO
YARIS WRC



LANCIA 037 RALLY



Subaru Impreza
WRX STI Team Arai

2. BATTERY:

- 2.1 - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Max. 2 LiPo cells 7.4-7.6v in hardcase.
- 2.2 - Batteries must be available on the market and have a recognizable ID and brand name stickers.
- 2.3 - Battery aids for servo can be installed but may not assist the main drive system in any way.
- 2.4 - LiPo main battery MUST always be charged in a fire-proof and sealable 'LiPo Safety Bag'.

Driver shall never leave a charging battery unattended.

3. MOTOR & ESC:

Open specs for both Motor & ESC. Chosen among TITC 2025 Sponsored Brands only.

4. TIRES:

ONLY ONE SINGLE SET of Tamiya Rally Block Tire (item 50476) is allowed for the whole event.