



Futaba cup 2025 Technical Regulations

(All regulations subject to change without prior notice)

(26 January 2025 at infinity Addict Circuit)

Futaba cup 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) Racing Truck TT01, TT02

Futaba cup 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 Futaba cup 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.

RACING FAIRNESS AND RACING PENALTY RULES:

Futaba cup 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.

“Non-Boost” Class Technical Regulations:

Entry Fee: 1,000 Baht

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 - Modification not permitted.

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

Entry Fee: 1,000 Baht

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 2024 Red Logo** (tires come unglued).

7.2 - Modification not permitted.



Porsche Cup Tamiya TT02 Class Technical Regulations:

Entry Fee: 1,000 Baht

1. BODYSHELL 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 Bodyshells 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 (0.035 Ω)

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.

Tamiya Rally On-Road Class : (ฟรีค่าสมัคร Entry Free)

Technical Regulations

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

1. BODYSHELL APPEARANCE:

- 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 and wheel

ONLY Tamiya Rally Block Tire (item 50476) is allowed for the whole event.
(Ride Inner Sponge Set item RT-00001)

Racing Truck TT01, TT02 Class

Entry Fee: 1,000 Baht

Only Tamiya TT01, TT-02, TT02R, TT02RR chassis is permitted in this class.
TT02S is NOT ALLOWED in this class.

1. Motor should be Tamiya #54612 15.5T Brushless Motor. No modification MAXIMUM 2600KV+-0.5% 2.1AMP (0.035Ω)
2. ESC – HOBBYWING Justock 60 Amp Must keep its original capacitor and wires.
3. Cars do not have to be equipped with cockpit detail or a driver figure.
4. Gear No modification. Gear ratio

TT01 Spur Gear 55T, Pinion Gear 25T =Gear ratio 5.72:1

TT02 Spur Gear 64T, Pinion Gear 29T =Gear ratio 5.74:1

5. spare part and Hop-Up Option only Tamiya for TT01 and TT02 (TT02S not allowed) no modification for part All Tamiya DAMPERS And UNIVERSAL SHAFT are allowed (**Main chassis Lower Deck modification is allowed**)
6. Tire ITEM 51589 ON ROAD RACING TRUCK TIRES (1 Pair) No Modification allowed
7. wheel only Tamiya ON ROAD RACING TRUCK (item 51588,54741,54964)
8. - Battery Max. 6 cells 7.2v Sub-C NiCad, NiMH or Lipo 2 cells 7.4-7.6v Hard Case.
- MAXIMUM VOLTAGE : 8,44 V Before Race.
- Body List allowed and Minimum permissible weight of car when ready to run with a transponder.



weight ready to
run is 1,600g

weight ready to
run is 1,600g

weight ready to
run is 1,600g

weight ready to
run is 1,700g

***** คำตัดสินของกรรมการถือเป็นที่สุด *****