

TITC 2026 Technical Regulations

(All regulations subject to change without prior notice)

TITC 2026 CLASSES:

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

TITC 2026 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) motor should be ambience temperature before kv and ohm check

GENERAL TIRE RULES:

ALL DRIVER MUST USE TITC 2026 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. (wheel Balancing is allowed)

- 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 2026 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
51590 MERCEDES-AMG GT3
51678 AU TOMS' GR SUPRA

51563 RAYBRIG NSX CONCEPT-GT
51584 MOTUL AUTECH GT-R
51731 MOTUL AUTECH Z

***Tamiya Hop-Up Options wings are allowed. Modification of Body and Wing are not permitted (Body mount holes can be made in positions other than those shown in the instruction manual.)

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 TITC2026 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.26407.
- 6.2 - Maximum 3 tire sets within the whole sanctioned event.
- 6.3 - Modification not permitted.

7. 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

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

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.
Rear Wing should be lower than Roof Top
Rear Outline should be cut by manual.
Wings not over 10mm than Rear body.
No Minimum ride height.

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 2026 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 Logo2026 (tires come unglued).
- 7.2 - Maximum 4 tire sets within the whole sanctioned event.
- 7.3 - Modification not permitted.

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

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.
Rear Wing should be lower than Roof Top
Rear Cutline should be cut by manual.
Wings not over 10mm than Rear body.
No Minimum ride height.

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 Logo2026 (tires come unglued).
- 7.2 - Modification not permitted.

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

Porsche Cup Tamiya TT02 Class Technical Regulations:

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



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 3 Tamiya BodysHELLs with original wing are allowed as following:

51543 PORSCHE 911 CARRERA RSR or 51705 PORSCHE 911 GT3 992
51752 Porsche 911 GT3 R (992)

2. CHASSIS AND DRIVE TRAIN:

2.1 **Only Tamiya TT02, TT02R and TT02RR Chassis are permitted in this class. Main chassis Lower Deck modification is allowed**

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. (0.035Ω)

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

5.4 HOBBYWING Justock 60 Amp (RPM Limit >20000 RPM)

6. TIRES:

6.1 - Drivers must always use the Ride Slick Tire No.26407. Modification is not permitted.



The Tamiya wheels 26 mm can be changed and the organizer must make a mark on the wheels.

6.2 - Maximum 3 tire sets within the whole sanctioned event.

7. 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

3 Prizes Body Contest by AAS MOTORSPORT. (TBA)

FWD Class

1. BODYSHELL APPEARANCE. Any commercially available 1:10 scale FWD bodyshell Only chosen among TITC2026 Sponsored Brands no Modification of Body and Wing are not permitted (Body mount holes can be made in positions other than those shown in the instruction manual.)

- 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 front (2) wheel drive transmission type is allowed for this event.
- 2.2 - No minimum Ride Height required.
- 2.3 - Gear Ratio. (Minimum 4.0 Final Gear Ratio is allowed, cannot be lower than 4.0)

3. WEIGHT:

The weight of the car, ready to race including timing equipment (transponder), at any time of the race shall be: 1250g 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 of 17.5T (17.5T 4 Pole is not allowed)

Motor & ESC chosen among TITC2026 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.26407.

6.2 - Tire modification not permitted.

6.3 - Maximum 3 tire sets within the whole sanctioned event.

7. 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.

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

Tamiya Rally On-Road Class Technical Regulations:

Chassis injected plastic 1:10 scale and M Size Chassis designed for rally is permitted in this class.

(chosen among TITC2026 Sponsored Brands only)

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.

(M Size Body Tamiya and ABC HOBBY designed for rally is permitted in this class.)

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 (17.5T 4 Pole is not allowed) - Internal resistance shall not be lower than 0.032 Ohm (Checked by Hioki RM3548) No Modification allowed.

4. ESC – Open. Must be available on the market.

5. TIRES: Tamiya Rally Block Tire (item 50476) is allowed for the whole event. RIDE Inner Tires Sponge ITEM RT-00001 (The height of the spike pin located at the center of the rubber tire must be at least 1 mm above the surface) Maximum 1 tire sets within the whole sanctioned event.

5.1 TIRES: Tamiya (item 51427) M-Chassis 60D Rally Block Tires (2pcs) For MF01X/XM-01 And Inner Sponge M-Chassis is allowed

6. The Maximum diameter shall be 71.00mm 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

Unlimited Gear Ratio.

New Additional Technical Regulations for ALL Classes

ALL CLASSES FRONT BUMPER SPECIFICATIONS:

- Front Bumpers made of soft and flexible material such as foam or 3D printed / “honeycombed” TPU type are allowed.
- Any rigid or stiff and/or sharp body resting devices, appendixes made as hard plastic, carbon fiber or thin metal plate **are strongly prohibited** to assure other cars and track marshals’ safety in case of crash.
- Combination of bumper foam on top and stiff/rigid thin plate, body resting appendixes underneath the foam part **is also prohibited**.

ALL CLASSES AERODYNAMIC SPECIFICATIONS:

- Front bumper with aerodynamic optimization such as air channeling design is allowed if it complies with material regulation described hereabove.
- Rear diffuser or any appendix designed to channel air and its extraction at the rear of the car, even located under the bodyshell, **is not allowed**.