

## RACE REGULATIONS

### *General*

- 2018 Asia Cup race has five classes as below.
  - \* Jr. Buggy Fighter Class (Age under 15 years old.(Child born Year 2003 )
    - Super Stock Class = Winner will get "Ticket to Japan"
    - M Chassis Class = Winner will get "Ticket to Japan"
    - 4WD GT Class = Winner will get "Ticket to Japan"
    - \*\*TRF Class = Winner will not be invited to World Championships.  
Past winner can enter this class only.
    - \*Racing Truck Class = Winner will not be invited to World Championships.
  - \*Jr. Buggy Fighter Class and Racing Truck Class winner can join World Championships if he bears all the cost by himself.
  - \*\*TRF Class winner will not have the right to attend World Championships this time.
- The driver is allowed to register in only one category at Asia Cup finals.
- No driver can enter Super Stock Class again if he became A-main driver of past Stock Class because this class is for beginner.  
No driver can enter Super Stock Class if he entered the other classes of the past Asia Cup, either.  
A driver can enter Super Stock Class only twice if he can't stay in A-main as his first trial of Super Stock Class. ( Past entry for Stock Class should be counted for the entry of Super Stock Class. )  
Each driver can get "Ticket to Japan" once only.
- All cars have to be built using only original Tamiya parts and strictly following the instructions provided with those parts.
  - \*See individual Category regulations for specified requirement.
- All parts must be used as supplied in the package and/or cut as outlined.  
Modifications of the original appearance of the car are not allowed.  
In all classes except for Jr. Buggy Fighter, tires and wheels have to stay within the body shell.
- 2.4G transmitter is accepted for all the classes. If a driver would like to use AM/FM 27Mhz, he should prepare at least three crystals.
- Each driver have to apply one's ID stickers on Motor / Chassis / Transmitter . If ID sticker was lost or damaged, driver has to contact organizer immediately.

When there is a heat in which a driver drives his car, motor, and/or transmitter without ID No. sticker or different ID No., that heat will be deleted.

8. Race Tires will be controlled and marked during the race.  
A specific number of complete tires set for each class will be compulsory for racers to purchase from the race organizer (See Appendix A.)
9. Drivers should be noted that extra inspections of tire inner, motor and other parts may be made before or during races.
10. Each qualifying race will be 5 minutes plus the time to complete the last lap
11. Any other issues not clarified in the regulations shall be handled at the discretion of the race organizer.
12. Starting from Control Practice, All Chassis are required to have the ID No. sticker. Driver's Chassis found without ID No. will have the result deleted from official record.
13. Any drivers are not allowed to go in reverse during the races.
14. Personal Transponder (PT):  
Each driver should use his private transponder.  
Organizers are not liable for any responsibilities towards any problems between their PT itself and organizer's AMB racing system. We won't stop any heat even through any PT doesn't work before the heat. All the responsibilities of these PTs for the quality and respond to AMB should be taken care by each driver. Should there be a PT problem in a heat, it should be checked by the video (if available) and judged by the organizer. No driver can complain to its judgement.  
Each class's minimum weight shows the total weight with PT.  
To minimize the miscount of the lap time, PT should be positioned close to the ground (the carpet).
15. ESC and batteries for each class have to be prepared by the drivers by themselves.  
We will not stop any heat and will not change the result even though ESC and batteries trouble make the cars undriveable during the races.
16. Race Format for Qualify and Final.  
At the control practice and all qualifies, we will take Staggered Start Style.  
At the Finals, we will take Grid Start Style.
  - a. After three Control Practices, we will regroup each class for Qualify.  
We will not regroup again during all Qualifying sessions.  
After all qualifying sessions, we will regroup for Finals.
  - b. For Control Practices, we will use each driver's best consecutive 3 laps through all Control Practice sessions to determine the groups for Qualify.  
For Qualify, we will use each driver's best time through all Qualify sessions to

determine the position for Finals.

When two or more driver's best times are the same, we will use the second best time for tie break.

- c. For Finals, we will use the point system to fix the position.

Each heat winner will get 1 point, 2<sup>nd</sup> driver will get 2 points,.....

10<sup>th</sup> driver will get 10 point.

We will calculate best two rounds points of all the finals to fix the position.

When the total of the best two points are same, we will refer the 3<sup>rd</sup> points.

When the 3<sup>rd</sup> points are also same, we will refer the driver's best time of Finals.

17. Every morning the motor should be handed out and every evening they should be deposited back. If a driver does not deposit back his motor according to the instruction from the race organizer, all his recorded heat timing of that day will be deleted.

18. When a driver would like to purchase the extra motor for the race, he should visit the counter with his ID Tag to purchase.

After purchase of extra motor, the driver should visit Inspector to register/have the ID No. Sticker pasted onto the motor.

19. Course Marshal

All the drivers should take the role of Course Marshal when he finishes each heat.

If he doesn't take the role of Course Marshal, his heat will be disqualified.

< As long as the Marshal role is been performed ( either driver's mechanic or himself ), then it should be ok. However if no one is there, his heat will be deleted.

20. Wire of ESC and Motor

For Jr. Buggy Fighter Class, no modifications for wire of ESC nor Motor are accepted. But as for the other classes, the modification of Wire and Motor is accepted ( in the case of direct connect ), but the replacement of wire is not accepted.

21. Any Capacitor is not accepted for this race except for TRF class.

22. Any form of electronic driving assist, such as gyro or traction control is not allowed.

23. No modifications/customization of Tire/Wheel for all categories.

24. All the classes except Jr. Buggy Fighter Class accept 42247 Gear Diff. Putty and 53439 Anti-Wear Grease (3g).

25. 53918 TRF Damper L.Friction V Part is allowed to use for all class

26. High Torque Servo Saver (No.51000 and No.50473) is allowed for all classes.

TT-02 HT ServoSaver & Alu.Horn (No.54799) is allowed for only Super Stock and Racing Truck Class

Adding glue to servo horns/ savers is not allowed

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Direct aluminum servo horn (No.42248) is not allowed for all classes except for TRF class

27. All LI-FE charging MUST be done in Li-PO Safe bag
28. All classes except for Jr. Buggy Fighter, Super Stock, Racing Truck class accept any Tamiya limited parts such as 42\*\*\*/49\*\*\*/84\*\*\* series and “color variations” of the original SP/OP parts.

## CAR REGULATIONS of 4WD GT

Only TB04 Series , TA07Pro& TA07R, TA06 Series except for TA06MS

1. Only LF2200-6.6V Racing Pack(#55102) should be used. No modifications to the battery cables or connectors are allowed. Driver should prepare#55102 by himself because it is not handed out from the race organizer.
2. 1pc x Tamiya#54612 15.5T Brushless Motor will be handed out to all drivers by the race organizer. Each driver can purchase additional Motor#54612 15.5T Brushless Motor at the appointed shop beside the circuit if necessary.
3. Maximum Acceptable Motor KV (2,600KV)-Motor will be preset and tagged. The drivers are not allowed to change the motor timing.
4. Drivers can select either 45057 TBLE-02S or 45066 TBLE-03 Brushless ESC to use. No Modification to the ESC is allowed. Driver should prepare 45057 or 45066 by himself because it is not handed out from the race organizer.
5. Minimum permissible weight of car when ready to run is 1,350g with a transponder.
6. Clearance under lowest point of main chassis parts (including battery tape if used) must exceed 5mm AFTER the race
7. Each Driver should prepare his own transponder.
8. Allowed bodies:
 

51453 Sumo Power GT-R Body	51526 Ferrari 458 Challenge Body,
51544 LaFerrari Body	51563 RAYBRIG NSX CONCEPT-GT Body
51575 BRZ R&D Sport '14	51584 MOTUL AUTECH GT-R Body
51586 NSX Body	51592 F12tdf Body

Light weight version of above bodies are also allowed.  
The chassis should be selected so that the wheels fit inside fender.  
Resin or polycarbonate wings from other bodies and Option Part wings are allowed.
9. Only the control tire sets of #53433 Medium-Narrow Tires Type A, #53582 Medium-Narrow Medium Inner and #53475 M-Narrow White Dish Wheels (0) are allowed to use.

10. Allowed Gear Ratio\*

	TB04	TA06	TA07Pro
06 Module	66T/29T-5.69	68T/26T-5.67	64T/23T-5.72
04 Module	96T/42T-5.71	105T/40T-5.70	105T/38T-5.68

#54055 TB03 04 Spur Gear (96T)

#53857 TA05 04 Spur Gear (105T)

## CAR REGULATIONS of *Jr. Buggy Fighter Class*

Only DT-03 chassis are permitted to be used in this class.

Only Buggy type bodies < Neo Fighter Buggy and Racing Fighter for DT-03 > can be used.

1. Only LF2200-6.6V Racing Pack(#55102) should be used. No modifications to the battery cables or connectors are allowed. Driver should prepare #55102 by himself because it is not handed out from the race organizer.
2. 1pc x Tamiya #54358 RS-540 Torque-Tuned will be handed out to all drivers by the race organizer. Each driver can purchase additional one Tamiya #54358 RS-540 Torque-Tuned Motor at the appointed shop beside the circuit if he/she wants. Drivers must use the motors as provided including wires. Any attempt to modify or to influence the ability of the motor is prohibited.
3. Only #45057 TBLE-02S ESC should be used. No Modification to the ESC is allowed. Driver should prepare #45057 by himself because it is not handed out from the race organizer.
4. Minimum permissible weight of car when ready to run is 1,400g with a transponder.
5. Clearance under main chassis parts must exceed 5mm AFTER the race when the chassis is push down in max.
6. Only the following control tires sets can be used in this class
  - 54185 Front Tires
  - 54186 Rear Tires
  - 51205 Front Wheels
  - 51206 Rear WheelsRear Tire Diameter should be over 79mm after each heat and Pin Spike  
Tire mark should be kept on each tire.
7. 42247 Gear Diff Putty is not accepted.
8. No modification to the wire of ESC or Motor is accepted.
9. Each Driver should prepare his own personal transponder.
10. Only 17T Pinion(#54628) is allowed.
11. No modification to Ball Diff.
12. Only these parts are allowed:

54565 DT-03 Alu. Servo Mount	54564 DT-03 Alu. Battery Bar
54566 DT-03 Alu. Gearbox Bridge	51000 Hi-Torque Servo Saver (Black)
54159 F104 HT Saver Alu. Horn	53569 Clamp Type Alu. Wheel Hub 6mm
53831 DT02 Alu. Motor Heat Sink	53159 4mm Flange Lock Nut Blue
54572 DT-03 Full Turnbuckle Set	54562 DT-03 Carbon Damper Stay F

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54563 DT-03 Carbon Damper Stay R 53832 DT02 Spring Set  
54567 DT-03 CVA Damper Set 53926 DF-03 Aluminum Damper Set  
54028 Buggy Aeration Oil Damper 53443 Soft Oil (#200,#300,#400)  
53444 Medium Oil (#500, #600, #700) 53445 Hard Oil(#800, #900 #1000)  
54396 DT-02 F Low Attach Pin \*2 54395 3x22 LF Sus Shaft DT02&TT01 \*4  
54561 DT-03 Stabilizer Set F/R 54579 1150 Bearing \*16  
54560 DT-03 LW Gear Shaft 5x45mm \*2

## CAR REGULATIONS of *Mini Chassis Class*

Cars eligible for qualification are M05 / M05 Pro. / M05V2/  
M05V2 Pro/M05V2R/M06 / M06 Pro./M07 Concept

1. Only LF2200-6.6V Racing Pack(#55102) should be used. No modifications to the battery cables or connectors are allowed. Driver should prepare#55102 by himself because it is not handed out from the race organizer.
2. 1pc x Tamiya#54612 15.5T Brushless Motor will be handed out to all drivers by the race organizer. Each driver can purchase additional Motor#54612 15.5T Brushless Motor at the appointed shop beside the circuit if necessary.
3. Maximum Acceptable Motor KV (2,600KV)-Motor will be preset and tagged. The drivers are not allowed to change the motor timing.
4. Drivers can select either 45057 TBLE-02S or 45066 TBLE-03 Brushless ESC to use. No Modification to the ESC is allowed. Driver should prepare 45057 or 45066 by himself because it is not handed out from the race organizer.
5. Minimum weight of car ready to run is 1,200g with a transponder.
6. Clearance under main chassis parts must exceed 3mm AFTER the race.
7. For M05, M06 chassis, up to 20T pinion gear (16T, 18T, 20T) can be used.  
For M07 chassis, up to 20T pinion gear (17T,18T, 19T,20T) can be used.
8. Each Driver should prepare his own private transponder
9. Only the following control tire sets can be used in this class.  
#50684 M-Chassis 60D M-Grip R. Tire  
#53255 60D Hard Inner Sponge  
#51237 M-Chassis 11Spk Whl Whi
10. Allowed bodies:  
51545 Monster Super Swift Body 51583 Mazda MX-5 Body  
51591 Mazda2 Body  
Light weight version of above bodies are also allowed.  
The chassis should be selected so that the wheels fit inside fender.
11. Allowed wings: Only Original Wings from those bodies.
12. No modification to Ball Diff.
13. Front Lock Diff Situation is NOT ALLOWED
14. All Tamiya Aluminum dampers and springs are allowed.

## CAR REGULATIONS of *Super Stock Class*

Only TT-02 chassis is permitted to be used in this class.

TT-02 Type-S Chassis is not permit to use.

1. Only LF2200-6.6V Racing Pack(#55102) should be used. No modifications to the battery cables or connectors are allowed. Driver should prepare#55102 by himself because it is not handed out from the race organizer.
2. 1pc x Tamiya#54612 15.5T Brushless Motor will be handed out to all drivers by the race organizer. Each driver can purchase additional Motor#54612 15.5T Brushless Motor at the appointed shop beside the circuit if necessary.
3. Maximum Acceptable Motor KV (2,600KV)-Motor will be preset and tagged.  
The drivers are not allowed to change the motor timing.
4. Drivers can select either 45057 TBLE-02S or 45066 TBLE-03 Brushless ESC to use. No Modification to the ESC is allowed. Driver should prepare 45057 or 45066 by himself because it is not handed out from the race organizer.
5. Minimum permissible weight of car when ready to run is 1,350g with a transponder.
6. Cars do not have to be equipped with cockpit detail or a driver figure.

7. Allowed bodies:

51453 Sumo Power GT-R Body	51526 Ferrari 458 Challenge Body,
51544 LaFerrari Body	51563 RAYBRIG NSX CONCEPT-GT Body
51575 BRZ R&D Sport '14	51584 MOTUL AUTECH GT-R Body
51586 NSX Body	51592 F12tdf Body

Light weight version of above bodies are also allowed.

The chassis should be selected so that the wheels fit inside fender.

Resin or polycarbonate wings from other bodies and Option Part wings are allowed.

8. Clearance under lowest point of main chassis parts (including battery tape if used) must exceed 5mm AFTER the race.
9. Gear Ratio will be limited as below.  
Spur Gear 70T(as per provided in car kit)  
Pinion Gear 25T(#50477)

10. Only these parts are allowed:

53569 Clamp Type Alu. Wheel Hub 6mm	53792 Univ. Shaft (TT-01, TA04)
54476 TT-02 Ball Baring Set	54477 TT-02 Gear Box Jt. Univ. Shaft
54501 TT-02 Aluminum Propeller Shat	54502 TT-02 Aluminum Propeller Joint
54559 TT-02 Low Fric Sus. Ball *4	54752 TT-02 Steering Upgrade Set

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11. All Tamiya Aluminum dampers and springs are allowed.
12. Only the control tire set of #54256 Rein. Tire Type C 24mm, #53582 24mm Tire Insert-Medium and #53471 24mm 5-Spoke Wheels is allowed.
13. Each Driver should prepare his own personal transponder
14. Only original kit screws are allowed (Shim set is not allowed)
15. Front and Rear lock diff situation is not allowed

## CAR REGULATIONS of TRF Class

Only TRF419 series, TRF418, TRF417 series, TB EVO.6 series, TB EVO.7, TA07Pro, TA07R, TA06 series including TA06MS, TB-04 series

1. Only LF2200-6.6V Racing Pack(#55102) should be used. No modifications to the battery cables or connectors are allowed. Driver should prepare#55102 by himself because it is not handed out from the race organizer.
2. 1pc x Tamiya#54611 TBLM-02S 10.5T will be handed out to all drivers by the race organizer. Each driver can purchase additional Motor#54611 TBLM-02S 10.5T at the appointed shop beside the circuit if necessary.
3. Maximum Acceptable Motor KV (3,630KV)-Motor will be preset and tagged.  
The drivers are not allowed to change the motor timing.
4. Any types (Any brands) of ESC are allowed to use, but should be used in zero timing (non-boost and non-turbo).  
Drivers should prepare ESC by himself, but all responsibilities of ESC for quality and respond are taken by the drivers.
5. Minimum permissible weight of car when ready to run is 1,350g with a transponder.
6. Clearance under lowest point of main chassis parts (including battery tape if used) must exceed 5mm AFTER the race
7. Each Driver should prepare his own transponder.
8. Allowed Body: Only 51590 Mercedes-AMG GT3 Body  
Lightweight version for this body is also allowed to use.
9. Allowing Wing: Only original wing from 51590 Mercedes-AMG GT3 Body
10. Only the control tire sets of #53433 Medium-Narrow Tires Type A, #53582 Medium-Narrow Medium Inner and #53475 M-Narrow White Dish Wheels (0) is allowed
11. Only the following Gear Ratios are accepted.

TRF418, 419	TRF417	TB Evo.6	TA07Pro	TA06	TB-04
111T/31T 6.624	113T/33T 6.67	66T/25T 6.60	64T/20T 6.58	68T/23T 6.41	66T/25T 6.60

#51440 TRF417 Spur Gear (111T)

#51441 TRF417 Spur Gear (113T)

#51548 TB-04 06 Module Spur Gear 66T

#51356 TB-03 06 Spur Gear (64T)

#51423 FF-03 06 Spur Gear (68T)

## CAR REGULATIONS of *Racing Truck Class*

Only TT-01E chassis is permitted to be used in this class

Only Racing Truck type bodies < Team Hahn MAN TG and Reinert Racing MAN TGS> can be used.

1. Only LF2200-6.6V Racing Pack(#55102) should be used. No modifications to the battery cables or connectors are allowed. Driver should prepare#55102 by himself because it is not handed out from the race organizer.
2. 1pc x Tamiya #54358 RS-540 Torque-Tuned will be handed out to all drivers by the race organizer. Each driver can purchase additional one Tamiya#54358 RS-540 Torque-Tuned Motor at the appointed shop beside the circuit if he/she wants. Drivers must use the motors as provided including wires. Any attempt to modify or to influence the ability of the motor is prohibited.
3. Only#45057 TBLE-02S ESC should be used. No Modification to the ESC is allowed. Driver should prepare #45057 by himself because it is not handed out from the race organizer.
4. Minimum permissible weight of car when ready to run is 1,450 g with a transponder.
5. Clearance under main chassis parts must exceed 5mm AFTER the race when the chassis is push down in max.
6. Only the following control tires sets can be used in this class  
#51589 OR Racing Truck Tire  
#51588 OR Racing Truck Whl FR
8. No modification to the wire of ESC or Motor is accepted.
9. Each Driver should prepare his own personal transponder.
10. Gear Ratio will be limited as below.  
Spur Gear 61T and Pinion Gear 22T
11. Only these parts are allowed:

53506 39mm Light Rear Swing Shaft	53569 Clamp Type Alu. Wheel Hub 6mm
53662 TT-01 Turnbuckle Tie-Rod Set	53663 Ball Diff Set (TT-01, TGS)
53664 TT01 Aluminum Motor Heat Sink	53671 TT-01 Front One-way Unit
53673 Toe-in Rear Upright/TT01,TGS	53674 Adjustable Upper Arm/TT01,TGS
53790 Cup Joint for Univ. Shaft	53792 Univ. Shaft (TT-01, TA04)
53864 TT-01 Aluminum Steering Link	54025 TT-01 TYPE-E Ball Bearing Set
54026 TT-01 Alu. Prop. Joint & Shaft	54058 TT-01E Alu. Racing Steering
12. All Tamiya Aluminum dampers and springs are allowed.