



12th Tamiya Asia Cup

GENERAL RULES & REGULATIONS

Stock Touring Class (Rev.1 Feb-02-2009)

1. Tub Chassis kits only. Carbon plate double deck cars are not permitted in this class.
2. The allowable chassis for this class are: TT-01, TT-01R, TB-02, TB-02R, TB-03, TA-05, TA-05R and TA-05 IFS.
3. Any Tamiya Hop-Up is allowed as long as it is used as it was intended.
4. Only the *HANDOUT RC GT-Tuned Motor 25T (Item #53779) can be used.
5. Only CPR01 included in XB2 and TEU-101BK (#45029) are permitted to be used in this class.
6. All Tamiya gt/sedan/rally/sports bodies are allowed.
7. Only Tamiya 1/10 Medium Narrow Racing Slicks #51049 and Tamiya 1/10 Medium Narrow Racing Radial Tires #51023 can be used. (Should use foam insert included only!)
8. Wheels: Tamiya 24mm Wheels only.
9. Only the Tamiya 1600SP stick type battery can be used.
10. Clearance under main chassis parts must exceed 5mm before the race.
11. Cars must meet a minimum weight of 1450 Grams with transponder.
12. FDR will be implemented

GT Class (Rev.1 Feb-02-2009)

1. Only Tamiya 4WD Chassis can be used. The allowable chassis for this class are: TB-02, TB-02R, TB-03 TBEvo3, TBEvo4, TBEvo5, TA-05, TA-05R, TA-05 IFS, TA-05MS, TRF415 and TRF416.
2. Any Tamiya Hop-Up is allowed as long as it is used as it was intended.
3. Only the *HANDOUT RC GT-Tuned Motor 25T (Item #53779) can be used.
4. Any brand of ESC can be used.
5. All Tamiya gt/sedan/rally/sports bodies are allowed.
6. Only Tamiya 1/10 Medium Narrow Racing Slicks #51049 and Tamiya 1/10 Medium Narrow Racing Radial Tires #51023 can be used. (Should use foam insert included only!)
7. Wheels: Tamiya 24mm Wheels only.
8. Only the Tamiya 1600SP stick type battery can be used.
9. Clearance under main chassis parts must exceed 5mm before the race.
10. Cars must meet a minimum weight of 1500 Grams with transponder.
11. FDR will be implemented

F1/Lemans Class (Rev.1 Feb-02-2009)

1. F103 Tamiya Formula One chassis only (F103, F103RS, F103RM, F103RX and F103LM).
2. Any Tamiya and After-Market Hop-Ups are allowed.
3. Only the *HANDOUT RC GT-Tuned Motor 25T (Item #53779) can be used.
4. Any brand of ESC can be used.
5. Any Tamiya or After-Market F1/Lemans body is allowed.
6. Only Tamiya foam or rubber F1 tire may be used.
7. Tamiya F1 wheels only.
8. 6-Cell NiMH/NiCD and Lipo batteries allowed.
9. Cars must meet a minimum weight of 1000 Grams with transponder.

Open Stock 23T Class (Rev.1 Feb-02-2009)

1. Any 4WD EP chassis.
2. Only Tamiya 23T motors shown below are permitted to be used in this class:
Super Stock Type-R Motor (#53476), Super Stock Type-S Motor (#49247),
Super Stock Type-T Motor (#53477), Super Stock Type-RR (#49260), Super
Stock Type-RR/Gun Metal (#49288), Super Stock Type TZ (#53696) Super
Stock Type RZ (#53697) Super Stock Type BZ (#53930)
3. Any brand of 24mm Rubber Tires and Tire Inserts allowed.
4. Any brand of 24mm Wheels allowed.
5. 6-Cell NiMH/NiCD and Lipo batteries allowed.
6. 190mm 4-door touring sedan and Tamiya gt/sedan/rally/sports bodies only.
7. Cars must meet a minimum weight of 1500 Grams with transponder.

“Mini” Chassis Class (Rev.1 Feb-17-2009)

1. The allowable chassis for this class are: M-03 (Including M-03R) and M-04.
2. Tamiya and After-Market Hop-Ups are allowed. However, the main gear, counter gears and pinion should be Tamiya.
3. Any Tamiya or After-Market mini body is allowed.
4. 6-Cell NiMH/NiCD and Lipo batteries allowed.
5. Only the RS-540 Sports Tuned Motor (Item #53068) can be used.
6. Clearance under main chassis parts must exceed 3mm before the race.
7. Cars must meet a minimum weight of 1200 Grams with transponder.
8. Up to 20T pinion gear (16T, 18T, 20T) can be used for M03 chassis. Up to 19T pinion gear (17T, 19T) can be used for M04 chassis, but in case of using 26D tire, only 17T pinion can be allowed.



12th Tamiya Asia Cup

The Philippine Qualifying Championships 2009

<u>Qualifying Round</u>	<u>Qualifying Dates</u>
<i>Warm-Up Race</i>	<i>April 4, 2009</i>
<i>Round 1</i>	<i>April 18, 2009</i>
<i>Round 2</i>	<i>May 2, 2009</i>
<i>Round 3</i>	<i>May 16, 2009</i>
<i>Round 4</i>	<i>May 30, 2009</i>
<i>Round 5</i>	<i>June 6, 2009</i>
<i>Round 6</i>	<i>June 20, 2009</i>
<i>Round 7</i>	<i>July 4, 2009</i>
<i>Round 8</i>	<i>July 18, 2009</i>
<i>Pre-Departure Race</i>	<i>August 29, 2009</i>



12th Tamiya Asia Cup

RACE SCHEDULE

12th Tamiya Asia Cup - Qualifying Race Schedule						
	<u>Stock Touring Class</u>	<u>GT Class</u>	<u>F1/Lemans Class</u>	<u>Open Stock 23T Class</u>		<u>Mini Class</u>
	Group 1	Group 1	Group 1	Group 1	Group 2	Group 1
Open Practice and Registration	1 : 0 0 - 2 : 0 0					
Qualifying Heat #1	2:00	2:10	2:20	2:30	2:40	2:50
Qualifying Heat #2	3:00	3:10	3:20	3:30	3:40	3:50
	B R E A K					
	<u>B-Main</u>	<u>A-Main</u>	<u>A-Main</u>	<u>B-Main</u>	<u>A-Main</u>	<u>A-Main</u>
Final Heat #1	4:30	4:40	4:50	5:00	5:10	5:20
Final Heat #2	5:30	5:40	5:50	6:00	6:10	6:20
Final Heat #3	6:30	6:40	6:50	7:00	7:10	7:20
**NOTE: JP Raceway will open at 10:00AM						

TRACK LAYOUT

To follow...

FINAL DRIVE RATIO

Stock Touring					
Chassis	Module	Spur	Pinion	FDR	Internal Gear Ratio
TA05	0.6	70	22	7.16	2.25
	0.4	105	33	7.16	2.25
TB02	0.6	58	21	7.18	2.60
TB03	0.6	64	22	7.09	2.44
	0.4	96	33	7.09	2.44
TT01	0.6	61	22	7.21	2.60

GT Class					
Chassis	Module	Spur	Pinion	FDR	Internal Gear Ratio
TRF415 MRE	0.4	102	35	6.56	2.25
TRF415	0.4	102	34	6.56	2.19
TRF416	0.4	105	33	6.54	2.06
TB03	0.6	64	24	6.50	2.44
	0.4	96	36	6.50	2.44
TB02	0.6	58	23	6.56	2.60
TA05	0.6	70	24	6.56	2.25
	0.4	105	36	6.56	2.25
TBEVO3	0.4	96	38	6.57	2.60
TBEVO4	0.4	96	34	6.48	2.29
TBEVO5	0.4	96	36	6.50	2.44

Race Procedures

Qualifying races will be held in the following order

- 1) Stock Touring Class
- 2) GT Class
- 3) F1/Lemans Class
- 4) Open Stock 23T
- 5) Mini Class

Qualifying Regulations

Each class will have a 5-minute qualifying run with the no. of laps and time recorded. Only the best run from the 2 heats will be used to determine standing for Finals.

- The pole position will be awarded to the driver with the most no. of laps and fastest time.

Qualifying Race Starting Procedure

Each competitor starts from the designated area behind the start/finish line. Starting position will change for the 2nd qualifying heat based on the results of the 1st qualifying heat.

* Please follow the race organizers' instructions regarding your vehicle grid position.

Finals Heats Regulations

Each Class: The top finisher in a race of 5 minutes.

- Point system will be implemented in determining the winner.
- The best two results from the 3 heats will be used to calculate [accumulated points] and determine the champion.
- (Points are awarded according to position: 1st=0 points, 2nd= 2 points, 3rd= 3 points and so on)
- The driver with the least amount of points will be crowned winner.
- In the case of two or more drivers having equal point totals, the 3rd best result will be counted.
- If a draw still results, the driver with the best time will be the winner.

Finals Heats Start Procedure

Each class: Competitors begin racing from a standing start once the buzzer has rang.

Overview of Competing Classes

Stock Class	: TT-01, TT-01R, TT-01E, TB-02, TB-02R, TB-03, TA-05, TA-05R and TA-05 IFS. The 1 st place winner will be invited for Tamiya Asia Cup Championships 2009 in Bangkok.
GT Class	: TB-02, TB-02R, TB-03 TBEvo3, TBEvo4, TBEvo5, TA-05, TA-05R, TA-05 IFS, TA-05MS, TRF415 and TRF416 can compete in this top class event. The 1 st and 2 nd place winners will be invited for Tamiya Asia Cup Championships 2009 in Bangkok
Open Stock	: Any 4WD EP chassis can compete in this event. The 1 st place winner will be invited for Tamiya Asia Cup Championships 2009 in Bangkok.
F1/Lemans	: F103 Tamiya Formula One chassis only (F103, F103RS, F103RM, F103RX and F103LM). The 1 st place winner will be invited for Tamiya Asia Cup Championships 2009 in Bangkok.
Mini Class	: The allowable chassis for this class are: M-03 (Including M-03R) and M-04. Only for Philippine Cup Race . The winner would also be invited to the Asia Cup Championships 2009 in Bangkok but should bear all the charge including air ticket and hotel charge, etc.

Tamiya Asia Cup Qualifying Championships **Official Motors**

*Please note that inspections will be very strict. Offenders will risk disqualification.

- Only official motors can be used in Qualifying and the Finals. Motors will be handed out as follows:
 - One GT-Tuned Motor (Item #53779) to each Stock Touring driver, GT driver, F1/Lemans driver and Mini driver.
- These motors will be specially marked and must be given back to the race organizers at the end of each race day. There is a probability that you will not be able to get the same motor the following race day.
- In case your official motors become damaged/unusable during the event, a replacement motor will be provided. However your recorded time will be unofficial and you will receive no points.
- Any driver who takes his official motor out of pit area will be disqualified.

- For this year's competition, we will also be implementing limits on Maximum Motor RPM and current consumption.

GT-Tuned Motor	Max RPM: 19,500rpm
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- Measured with Muchmore Motor Master CXT Mode (7.2V).

- The top finishers of each Qualifying and Finals Heat will have their motor's Max RPM checked at the end of the Heat so the machine cannot be taken back to the pit area. If, 10 minutes after the Heat, the motor's Max RPM exceeds the set limits, penalties such as disqualification of times may be given. Please note that the motor will be hot after running and will thus have 200-300 higher RPM.
- There are no Max RPM limits placed on 23T motors. However, inspection of brushes and springs will be strict.