



中國香港汽車會

HONG KONG, CHINA AUTOMOBILE ASSOCIATION

Est. 1918

HONGKONG TOURING CAR CHAMPIONSHIP 2.0T -TECHNICAL REGULATIONS

2024. 2. 28 V2

1. Vehicles meet the conditions

1.1 Group

2. 0T	Use a turbocharged engine with a displacement of 2000cc or a naturally aspirated engine with a displacement of 3000cc or less, Minimum weight, excluding driver's net weight (1200kg for DSG gearbox and 1250kg for sequential gearbox)
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1.2 Event organizers have the right to:

- Accept/reject the registration of relevant vehicles for the competition;
- Adjust the participating vehicles to their respective categories, including upgrading or demoting them to their respective categories.

2. Vehicle body

2.1 Doors, engine hood, and luggage compartment lid

- Door – must be able to open all doors from the outside (original handle) and the front door from the inside.
- All doors, engine hood, and luggage compartment lid must be able to be opened from the outside without the use of tools.

2.2 Interior wall panels

The front and rear door panels can be removed, and the door panels can be replaced with composite materials.

2.3 Windshields and Windows

The front windshield of a racing car must be laminated safety glass. If it cannot meet the standards, the car window glass must be coated with lamgnated film.

3. Exhaust system

The exhaust system is not limited, but under the FIA noise testing



method, it does not exceed the decibel requirement of the corresponding group.

4. Transmission system

4.1 Transmission

The transmission is not limited. Authorize the use of sequential transmission.

All cars must be equipped with reverse gear and can be selected by the driver sitting in the seat by connecting the wiring harness.

5. Suspension system

The suspension system is not restricted, but suspension components made entirely or partially of composite materials will be prohibited.

6. Braking system

The braking system is not limited.

The brake discs must be made of iron material.

7. Wheels and tires

When conducting vertical measurements, the upper half of the wheel as a whole (rim+tire) located vertically above the center of the wheel hub must be covered by the vehicle body.

The other aspects of the wheels are not limited, as long as they are made entirely of cast aluminum. The definition of a wheel as a whole is that it is not allowed for the wheel to be wider or protrude beyond the contour of the tire.

Tires – Tire size 260/660R18, designated to use RUBBERCRAFT.

8. Safety requirements

Article 253 of Appendix J of the FIA still applies, but the provisions listed in these rules shall prevail.

8.1 Driver' s equipment

Drivers must use equipment that meets FIA safety requirements.

8.2 Additional locking buckles

Two safety buckles must be installed in each of the engine compartment and luggage compartment locks.

The original engine compartment and luggage compartment lock system must be removed or rendered ineffective.

8.3 Driver's seat

The original seats must be replaced with FIA registered competition seats, as specified in Appendix J 253.

8.4 Seat belts

The seat belt must be equipped with a buckle release system, with at least 5 connection points, and must comply with the requirements of FIA Appendix J 253.

8.5 Roll cage

The roll cage must comply with the requirements of FIA Appendix J 253.

8.6 Fire Extinguishers – Fire Extinguishing Systems

Manual fire extinguisher – must be installed with a capacity of not less than 4KG, in accordance with Article 253 of FIA Appendix J. It is recommended to install automatic fire extinguishers as specified in Article 253 of Appendix J of the FIA.

8.7 Overall power outage setting

See FIA Appendix J, Article 253.

The main power off switch must be able to cut off all circuits, batteries, fuel pumps, AC generators or generators, lights, fire alarms, ignition, electrical controls, etc., and can also stop the engine.

It must be of fire-resistant design and accessible from both inside and outside the vehicle.

Externally, the switch of the circuit breaker must be forcibly located below the windshield mounting component. It must be marked with a red spark in a blue triangle with a white edge, and the bottom edge must be at least 12 centimeters.

This switch is only applicable to enclosed racing cars.

8.8 Protective net

Vehicle – must comply with FIA253-11 specifications.

8.9 Tow hook

Front and rear towing hooks must be installed and must not exceed the vehicle's range.

It can only be used when the vehicle can move freely and must be clearly visible (yellow, red, or orange).

8.10 Steering

The steering lock must be removed and the column adjustment system must be locked

8.11 Chassis

Front suspension: The control arm and connecting rod can be modified, and other parts of the front lower rocker arm cannot be modified.

Rear suspension: parts of the rear lower rocker arm cannot be modified.

8.12 Vehicle weight



Must meet the minimum vehicle weight requirements for each group.

9. Fuel

9.1 The competition shall use 98 octane unleaded gasoline supplied by the local station or 98 octane unleaded gasoline supplied by the competition.

9.2 During practice, qualifying matches, and competitions, no other fuel shall be used, and no additives shall be used. At any time during the competition, it may be required to extract gasoline samples from the racing car to ensure strict compliance with this regulation.

9.3 At any time during the race, it is necessary to ensure that 3 liters of fuel can be extracted from the racing car's fuel tank.