

Pan Delta Super Racing Festival

2018

Circuit Hero Two

Technical Regulations

1. Requirements on safety equipments

1.1 General

FIA current Appendix J Art. 253(6,7,8) regarding Group N vehicles safety equipment must be observed.

- 1.1.1 Each vehicle must be equipped with fire extinguishers (one or two bottles). The bottle needs to contain at least 4 kg of extinguishing powder or other FIA approved materials. Specific requirements please refer to current FIA Appendix J Art.253 (7.3.2).

Fire extinguisher must be installed on the floor in the front passenger seat. The main principle is that driver must be able to trigger the installed fire extinguisher quickly. Specific requirements please refer to current FIA Appendix J Art.253 (7.2.2).

- 1.1.2 All vehicles must be fitted with a circuit breaker. The switch must work independently from the inside or on the outside of the car. Specific requirements please refer to current FIA Appendix J Art.253(13).
- 1.1.3 The windscreen of the vehicle must be approved safety glass, if it is not, then the anti-burst protector must be applied.

1.2 Driver

- 1.2.1 All drivers must wear safety helmet for touring car, balaclava and HANS.
- 1.2.2 All drivers must wear fire-proof overall that covers the whole body, underwear, gloves and shoes.

1.3 Race car

- 1.3.1 Only cars that are produced after 1 January 2006 are accepted. The Organizer**

reserves the right of final interpretation.

Acceptable cars: Honda Civic-FD2, CL7, FN2. Dong Feng Honda Civic.

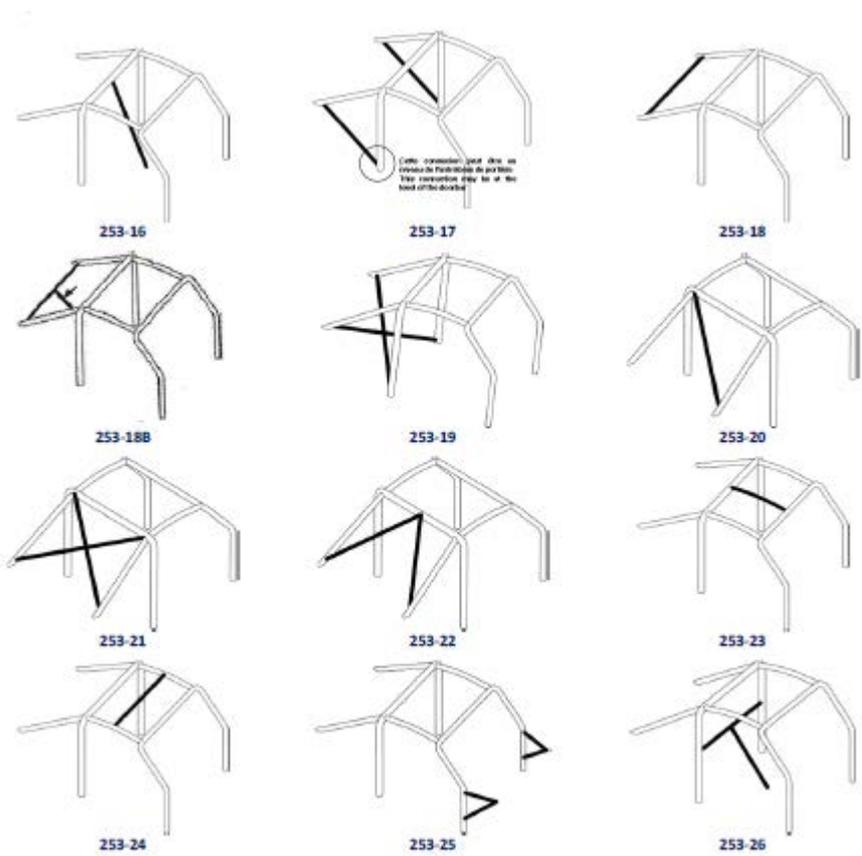
Unacceptable cars: Honda Integra DC5 Type-R.

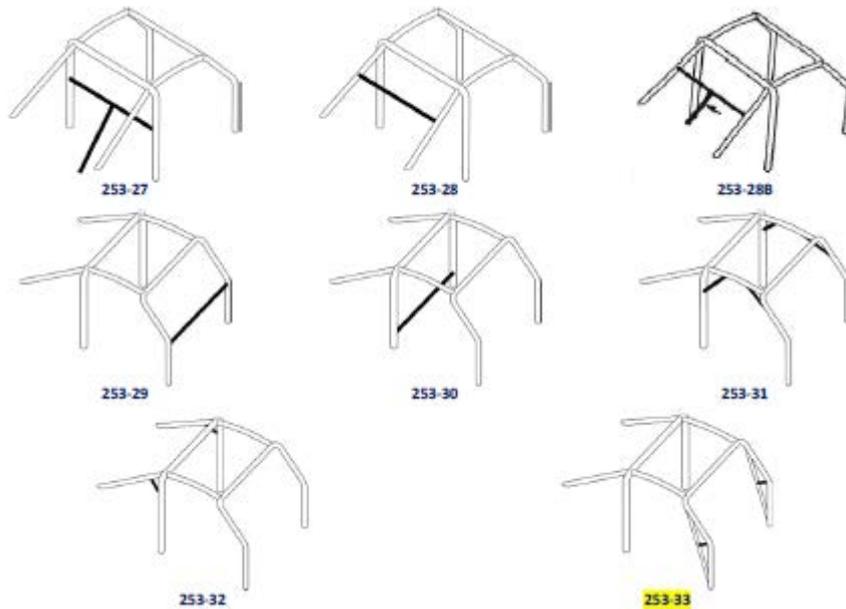
1.3.2 Safety cage

A safety cage complying with FIA Article 253-8 of Appendix J is compulsory.

All safety cage tubes situated within a perimeter of 50 cm around the driver's head, this measurement being taken with the driver sitting in the driver's seat with his harness fastened.

It is recommended to be equipped with protective padding complying with FIA Article 253-8.3.5.





- 1.3.3 Safety harness - must be in comply with FIA Appendix J Art 254 (6).
- 1.3.4 Driver's seat - a FIA-homologated competition bucket seat is required (8855/1199 or 8862/2009 standard)
- 1.3.5 Towing eye is required. (Appropriate usage sticker must be applied in a conspicuous position.)
- 1.3.6 It is recommended that the steering wheel lock is removed. If it cannot be removed, then the car key must be used independently and without any accessories such as key chains.

2. General technical specification requirements

2.1 Engine: Natural Aspirated Engine

- 2.1.1 If the diameter of the bore has been enlarged and the engine is bigger than its original class limit, then the car will be re-classified after calculating its new engine cylinder capacity.
- 2.1.2 A1 class: (Cylinder capacity not exceeding 2700cc), engine modifications free, gearbox ratio free. Exhaust sound level: not exceeding 100 dbA at 5,500 rpm.
Weighting (including driver): 1125KG.
When sequential transmission is used, the weighting will be 1140KG (including driver).

- 2.1.3 A2 class: (Cylinder capacity of 1800cc-2000cc), engine modifications free, only single throttle can be used. Sequential transmission is not allowed. Exhaust sound level: not exceeding 100 dbA at 5,500 rpm.
Weighting (including driver): 1100KG.
- 2.1.4 A3 class: (Cylinder capacity of 1800cc-2000cc), engine modifications free, only single throttle can be used. Sequential transmission is not allowed. Exhaust sound level: not exceeding 100 dbA at 5,500 rpm.
The engine used must be derived from the manufacturer model and identifiable from the manufacturer publish data.
All Honda car models and car with Honda engine is not accepted for application.
- 2.2 Exhaust system modification is free.
 - 2.2.1 The exhaust pipe must exhaust gases from the most rear end of the car. The pipe must exhaust gases downwards. The pipe cannot extend beyond the car and it cannot be more than 10cm inward of the rear most point of the car.
- 2.3 Suspension system and braking system modifications are unrestricted.
- 2.4 Tyres: Organizer's designated brand must be used.
- 2.5 The organizer may refuse any car participating in a race for safety reasons.
- 2.6 The organizers have the right to reclassify a car.

3. Body and Chassis

- 3.1 External body
 - 3.1.1 Aerodynamic parts on the car body are permitted. If there are any doubts, then the Organizer have the rights of final interpretation.
 - 3.1.2 The inside of the fender maybe modified, mudflap maybe cut off.
- 3.2 Interior equipment
 - 3.2.1 Front and rear passenger seats must be removed.
 - 3.2.2 Air-conditioning system may be removed.
 - 3.2.3 Spare tyre maybe removed, wheel covers must be removed.
 - 3.2.4 All control functions must be as installed by the manufacturer.

- 3.2.5 Additional instruments maybe installed but these must not influence the safety of the driver.
- 3.2.6 Hand brake maybe modified.
- 3.2.7 No restriction on the modification of the steering wheel.
- 3.2.8 The foot pedals maybe modified.
- 3.2.9 Non-structural elements below the dashboard maybe removed. Dashboard instruments are not restricted. The box between the front seats maybe removed.
- 3.2.10 The electronic system for the oil supply maybe modified, all accessories maybe freely changed.
- 3.2.11 Air filtration system and air filter modifications are not restricted.
- 3.3 Chassis: Must be the same as the original manufactured chassis.
- 3.4 Any car that infringes the weight limit regulation will be excluded from the race.

4. Engine change

Engine change is permitted AFTER SCRUTINNING subject to PIOR STEWARDS' APPROVAL and presentation for re-scrutineering. Chief Scrutineer will proceed with the marking and identification of the replacement engine and submit a note on this subject to the Stewards.

Engine change after the qualifying practice session, application must be submitted to the Stewards not later than ONE hour after the finish of the qualifying practice session, the concerned driver will be required to start the race from the back of the grid and the car must be presented to the Chief Scrutineer for re-scrutinering, marking and identification of the replacement engine, not later than ONE hour before it's race starting time.

5. Interpretation

The final text of these Technical Regulations shall be the Chinese version which will be used should any dispute arise as to their interpretation.