

2026 Hyundai N Cup

Technical Regulations

2026 v1.0

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N1 Class Vehicle Technical Regulation

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1. Preface

1.1. These vehicle technical regulations apply to N1 class vehicles participating in the Hyundai N Cup.

1.2. Participating teams and athletes participating in the N1 class are obliged to comply with the following:

1.2.1. Equipped with official parts designated by the organizer specified in the regulations

1.2.2. N1 Class Vehicle Technical Regulations 2.2. Comply with standards for removable and replaceable parts

1.2.3. Installation of original parts and use of mandatory parts in accident repair

1.2.3.1. In the event that the part number of the official part specified by the organizer is changed and cannot be produced with the existing part number, the competition organizer will confirm and notify the availability of the part with the changed part number, and the use of a substitute product is not possible.

1.3. Cars joining in the Series should follow the technical and safety regulations under the FIA International Sporting Code Appendix J and this regulation.

1.4. If any violations of the regulations of the participating vehicles are identified, it is the authority of the organizer to impose sanctions on them.

1.5. The interpretation of the Technical Regulations of this vehicle and the application and determination of matters not described are the authority of the organizer.

2. Mounting parts



2.1. N1 class vehicles must be kept in factory condition. However, only products that can be changed or processed can be changed.

2.2. The parts that can be removed, replaced, and added to the N1 class vehicle are as follows.

Product name	Availability	Remarks
Steering Wheel	Changeable and machined	
Airjack Nitrogen Injection Nipples	Changeable and machined	
Safety Netting	Changeable	
Seat	Changeable	
Seat trail	Changeable	
Safety Belt	Changeable	
Pedal Footrest	Changeable and machined	
Side Glass	Machinable	Holes can be made for ventilation purposes and air lines can be installed
Throttle Pedal	Location can be changed	Location change for convenience purposes only
Brake Pedal	Location can be changed	Location change for convenience purposes only

Dataloggers	Can be retrofitted	Do not remove factory-installed data loggers
Datalogger Sensors	Can be retrofitted	Only available for products without controller function
Bumper Grille	Can be retrofitted	Mesh work is possible to prevent the ingress of foreign substances (Grille removed, additional holes cannot be processed)
System for driver cooling suit	Can be retrofitted	
Wheelhouse cover (front, rear)	Use of genuine processing is possible	Genuine products can be processed and used, but all products other than genuine products cannot be used.

2.3. Any work other than those listed in this regulation will be possible after obtaining permission from the organizer, and organizer will also publish guideline for exception condition via official channel.

2.4. The official parts and standards that must be fitted to N1 class vehicles are as follows:
Other than the parts specified in the table, it can be purchased and used through the organizer. However, unauthorized processing or use of substitute products is not allowed, and violations are subject to deliberation by the judging committee.

Category	Standard	Remarks
Bodykit	- Exterior Parts	Products provided by the competition must be used
Rims	- ARTKA RC606 10J x 18" ET +25	
Tyre	- Sailun - Podium C PC01 260/660/18 - Podium C PW02 260/660/18	
Brake Pads	- Front : Pagid RST1 sprint brake pads Or BARBARO designated Hyundai N CUP dedicated brake pads - Rear : Genuine And other models provided by organizer	
Brake Caliper	- Front : Alcon TA6+/AP CP9668/HNC R6 - Rear : Genuine	
Suspension	Neotech Adjustable 18-Clicks - Front : 150mm 14K/16K/18K - Rear : 180mm 20K/22K/24K/28K - Helper Spring : 3K	
Battery	- N1 dedicated battery	Installing the HNF Fixing Bracket

Tow Mount	- Hyundai N Cup Designated Mount	
Tow Strap	- Sabelt tow strap or RAEMCO tow strap	
Fuel Tank	-Original factory or competition-specified explosion-proof fuel tank model for use in competitions (ATL 100L)	The installation will be conducted by the organizing committee in a unified manner and must pass the vehicle inspection
Fuel Filler	-Original factory or single-port quick filler (Diameter: 2-1/4")	The installation will be conducted by the organizing committee in a unified manner and must pass the vehicle inspection

3. Dataloggers

3.1. It is not possible to download data from the data logger during the N1 class qualifiers, finals, and vehicles stored in the park. Failure to do so will result in the deliberation of the judging committee.

3.1.1. At the end of the preliminaries and finals, it is not possible to cut off the power to the data logger. However, it is possible to disconnect the power to the vehicle through the vehicle power switch.

4. Vehicle Repairing



4.1. Repair of the powertrain and chassis of N1 class vehicles can only be carried out by a technical representative designated by the organizer.

4.1.1. Engine and transmission replacements and overhauls are limited to one per season, and if the number of substitutions allowed is exceeded, a relegation penalty will be imposed for the next round final 10 grid.

4.1.1.1. The same applies if a substitution or overhaul is made due to an accident during the game.

4.1.1.2. In the event of damage to the engine or transmission parts due to an accident, the engine does not consider the operation in which the block and head are not disassembled, and the transmission does not consider the repair in the condition that the main body housing is not opened. However, repairs must be carried out after obtaining confirmation from the organizer.

4.2. If there is any engine seal and transmission seal from the organizer, these seal must not be damaged. If the seal is broken, the vehicle must be checked again and the cost shall be borne by the team.

4.2.1. If the seal is broken or missing, the technical committee and the judging committee may decide that the competition will not be allowed to participate.

4.3. During the season, two engines can be sealed per vehicle, and can be reused if the seal is not broken.

4.3.1. Sealed engines can only be used on designated registered vehicles.

4.3.2. The engine is registered with a seal number, and the registered engine can be freely replaced during the season on the designated registered vehicle.

4.3.3. When the engine is overhauled, it is resealed and registered, and the seal number of the previously registered engine is deleted.

4.3.4. No more than two engines can be registered, and if two engines are registered and re-registered, the registration of one of the previously registered engines will be deleted, a new sealed engine will be registered, and a final 10 grid relegation penalty will be imposed.

4.4. Bolts for fixing or repairing aero and exterior parts must not be exposed outside the outline of the vehicle, and hinges for fixing the bumper may not be used.

5. Minimum weight

5.1. The minimum weight of an N1 class vehicle is as follows:

Class	Minimum weight	Remarks
N1	1430 kg	Weight including fuel, lubricant and hydraulic oil

5.2. The minimum weight includes athletes and safety protective equipment.

5.3. Participating vehicles must maintain a minimum weight or higher weight during the competition.

6. Other things of the Vehicle

- 6.1. At room temperature, the tires should not, under any circumstances, the air pressure during cold should not fall below the air pressure specified by the organizer.
- 6.2. Window tinting is not possible.
- 6.3. During the season, it is not possible to change vehicles.
- 6.4. The parts designated by the organizer must be purchased through the organizer.
- 6.5. The suspension front and rear springs cannot be cross-used.
- 6.6. In the event of an accident, when there are no parts or it is not possible to repair them completely on site, it is possible to participate in the competition after confirmation by the technical representative.
- 6.7. The OBD terminal cannot be unsealed after the completion of the race inspection, and if the OBD terminal needs to be unsealed, it must be unsealed after confirmation by the technical representative at the maintenance pit designated by the competition organizing committee and resealed after work, and the sealing cost shall be borne by the competitor.
- 6.7.1. If the OBD sealing cap is damaged or lost, a sewing fee of RMB ¥ 100.00 will be incurred.
- 6.7.2. If it is necessary to unseal for maintenance purposes after the completion of the race inspection, it can be unsealed and resealed at the maintenance pit designated by the organizer, and in this case, no additional cost will be incurred.

7. Data Transfer Devices



7.1. Competitors competing in the N1 class must install an official data transmission device

designated by the Organizer on their vehicles in accordance with the supplier's instructions and keep it in working order at all times.

7.2. The competitor is obliged to maintain the terminal and peripheral devices so that the data transmission device of the vehicle can function normally, and if the terminal and peripheral device are damaged due to the athlete's negligence, the competitor may bear the cost of the repair.

7.3. During the race, the official data transmission device installed in the car must be turned on.

7.4. No other antenna must be installed within 20 cm of the official GPS antenna and the organizer may require the organizer to move the antenna in case of a violation.

7.5. The data recorded by the official data transmission device can be used as data for the deliberation of the jury committee.

7.6. The use of additional real-time vehicle data external communication devices (telemetry) other than official data transmitters is not permitted.

7.7. Violations of the provisions of this section shall be subject to deliberation by the Jury Committee.

8. Official Media Devices

8.1. Competitors are not allowed to change the angle and position of the installation of the official media camera fixtures installed in the vehicle, and if changes are unavoidable, they can only do so after the approval of the Technical Committee.

8.2. The athlete is obliged to maintain the camera and fixture to ensure that the official media camera of the vehicle is in working order, and if the camera or fixture is damaged due to the athlete's negligence, the athlete may be responsible for the cost of the repair.

8.3. The installation of indoor and outdoor attachments that obstruct the angle of view of the installed official media cameras is restricted, and the organizer may require the installation to be moved to the athlete who violates this requirement.

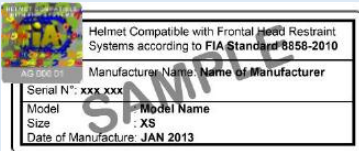
8.4. The organizer may request the suspension of the use (streaming) of external video communication devices by the players for reasons such as the management of radio wave resources.

8.5. Video materials recorded by official media cameras can be used as materials for the deliberation of the judging committee.

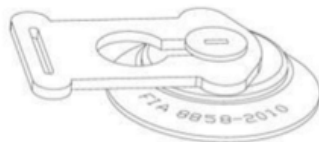
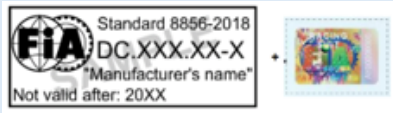
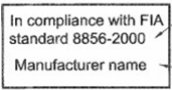
8.6. Players who violate the provisions of this section will be subject to deliberation by the Jury Committee.

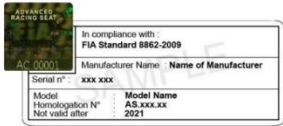
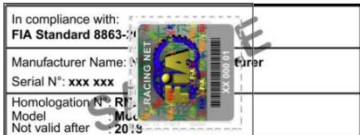
Addendum 1. Safety protective equipment requirement

Equipment	License number	Labeling	Period of validity
Helmet	FIA 8860-2018 and FIA 8860-2018-ABP		Until the announcement Valid
	FIA 8860-2010		Valid Until 2028.12.31
	FIA 8859-2015		Until the announcement Valid
	Snell SA2010 FIA 8858-2002		Valid until 2026.12.31

	Snell SA2010 or SAH2010 or FIA 8858-2010	  	Valid until 2026.12.31
	Snell SA2015		Valid until 2026.12.31
	Snell SAH 2010 Snell IN 2010		Valid until 2026.12.31

HANS	FIA 8858-2010	 	Until announcement Valid
HANS Tether	FIA 8858-2010		Until further announcement Valid

Helmet anchor	FIA 8858-2010		Until announcement valid
Racing suit	FIA 8856-2000		By the date of labeling valid
	FIA 8856-2018		By the date of labeling valid
Flame retardant underwear, balac ava, socks, gloves , shoes	FIA 8856-2000		Valid Until 2028.12.31
	FIA 8856-2018		By the date of labeling valid
Seat Belt	FIA 8853/98 FIA 8854/98		By the date of labeling valid
	FIA 8853-2016		By the date of labeling valid

Seat	FIA 8855-1999		It is 5 years from the year it was made, Additional 2-year extension: 2-year extension upon labeling
	FIA 8862-2009		10 years from the year of production
	FIA 8862-2009		By the date of labeling valid
	FIA 8855-2021		By the date of labeling valid
Window Net	FIA 8863-2013		By the date of labeling valid