



## Bulletin 2021-3

### Additional 2021 RTR Updates

1/13/2021

These changes will be reflected in the 2021 Rally Technical Rule Book and are effective immediately.

## Updates to RC2 Class

### 4.7 RC2 Vehicles Class

#### 4.7.1 Summary

Vehicle conforming to ~~2018~~ FIA rules for the following vehicle categories are eligible to compete in the ~~Open 4WD~~ RC2 class:

- Group Rally2 (VRa2) and Group R5 (VR5)
  - ~~Group R5 cars~~ Vehicles conforming to the ~~2019~~ Appendix J 2021, Art. 261
- Group R4 (VR4)
  - Group R4 cars conforming to the ~~2019~~ Appendix J 2018, Art. 260
  - Cars fitted with R4 Kit conforming to the ~~2019~~ Appendix J 2021, Art. 260E
- Group NR4 over 2000cc (current N4)
  - Group N cars conforming to the ~~2019~~ Appendix J 2019, Art. 254
- S2000-Rally: 1.6T engine with a 28mm restrictor
  - Super 2000-Rally cars (conforming to the ~~2013~~ Appendix J 2013, Art. 255A) fitted with a restrictor complying with Art. 255A-5.1.1-b except for the following points:
    - a) The maximum internal diameter of the restrictor is 28mm,
    - b) The external diameter of the restrictor at its narrowest point must be less than 34mm. The diameter must be maintained over a distance of 5mm to each side of the narrowest point.
  - The diameter of the turbo compressor restrictor may be revised by the FIA at any time without notice.
- S2000-Rally: 2.0 atmospheric
  - Super 2000 cars (conforming to the 2013 Appendix J, Art. 254A)

#### 4.7.2 Homologation paperwork

All entrants in RC2 Class must be prepared to present any and all homologation documents pertaining to their vehicle upon demand at any time. This can be in electronic or hard copy format.

**Rationale:** Update the RC2 class to current FIA class rules and require homologation information for compliance checks.



## Changes to 1.1.1

### 1.1.1 Helmet Standards

Only helmets meeting one of the following standards will be accepted for competition in any performance rally and must be worn by all competitors when travelling on special stages:

- FIA Standards - 8860-2004, 8860-2010, 8859-2015, or 8860-2015
- Snell Foundation certification - SAH 2010, SA 2010, SA 2015, EA 2016, or SA 2020

For helmets with dual FIA/SA certification, the later expiration date shall take precedence.

Snell SAH 2010 and SA 2010 certified helmets will not be accepted after January 1, 2022  
December 31, 2023.

FIA 8860-2004 certified helmets will not be accepted after December 31, 2021.

**Rationale:** Update the helmet standards to current FIA guidelines. Also, give an additional year of certification to FIA 8860-2004 to give competitors ample time to replace their helmets.

## Additional Changes to Table A for 2021

- Change all Open 4WD minimum weights to 2900 lbs.

**Rationale:** Simplify the minimum weights for all 4WD open cars. Competition vehicle performance can be effectively controlled in other ways.



## RTR 3.7 Update to Match RCR Changes

### 3.7 Novice Restricted Driver Vehicle Requirements

#### 3.7.1 ~~Novice Driver~~ Restrictors

Novice Restricted drivers, as defined elsewhere, must use a ~~Novice~~ restrictor on all forced induction competition vehicles over 1600cc, and all normally aspirated competition vehicles over 2700cc. Restricted drivers will also be restricted when competing in under 1600cc forced induction or under 2700cc normally aspirated competition vehicles with exceptional performance potential, as judged by ARA. Some examples of under 1600cc forced induction or under 2700cc normally aspirated vehicles with exceptional performance potential:

- a) Group 4-style Ford Escort or similar (Millington, BDG, etc.)
- b) FIA Super 2000 cars
- c) F2 Category cars
- d) R5 Category cars

#### 3.7.2 Forced Induction ~~Novice~~ Restrictor

When required ~~for a novice driver~~, the forced induction restrictor used will be as described below:

- a) The restrictor must be located and have a minimum width as otherwise stated in RTR 4.2.5.4 4.2.5 a) (also applies to 2wd vehicle).
- b) The restrictor maximum inside diameter is to be 30mm.
- c) If a car is fitted with multiple induction systems, then the total combined area of all restrictors cannot exceed the area of a single 30mm restrictor.

#### 3.7.3 Normally Aspirated ~~Novice~~ Restrictor

When required ~~for a novice driver~~, the normally aspirated restrictor used will be as described below:

- a) Flat plate intake restrictor mounted between the throttle body and intake manifold.
- b) Restrictor must be of steel or aluminum, 55mm round ID max, maintained for at least 1.5mm and not radiused to the flat edge.



- c) The opening must be round and centered with the throttle body. If an adapter is needed for throttle plate clearance, it must be the same diameter as the throttle bore and not create a radius into the restrictor.
- d) All engine combustion chamber air (and possibly fuel) must pass through the center hole of the plate.
- e) The restrictor plate shall be securely mounted on the bolts or studs used to mount the throttle body or carburetor.
- f) Carburetor restrictor plates may have multiple holes lined centered with venturis.
- g) If multiple holes are used, their area must be no greater than the sizes above.

**Rationale:** Update wording to reflect changes to RCR and consistency with existing restrictor requirements.

Preston Osborn

A handwritten signature in black ink, appearing to read 'P. Osborn', with a long horizontal flourish extending to the right.

ARA Competition Director