



AUSTRALIAN PULSAR RACING ASSOCIATION LIMITED

Technical Information Bulletin - 2020 Technical Regulation Update

APRA Management have undertaken a review of the technical regulations for season 2020 and beyond. This process was undertaken with the assistance of the Technical Committee and any changes have been made with the best interests of APRA and its members in mind. All changes are in effect from Round one 2020.

The following is a brief summary of the changes that have been made and is not the complete rule rewritten. For more detail refer to the APRA Technical Regulations v4.0 available on the APRA website. www.apra.club

2. ELIGIBILITY:

It is possible to fit an SR20DE to any Australian delivered variant of the N14 or N15.

2.3 COMPONENTS LISTED AS FREE:

If a component is listed as “free” then the component can be removed and/or replaced with a component of your own design.

4. ENGINE

4.7 PISTONS:

If using an oversize piston, the minimum piston weight will be calculated from the OEM *oversized* piston weight and not the standard piston weight.

4.11 THROTTLE and INTAKE:

- Clarification of the Air Filter and Air Box Rule and the addition of a maximum 80mm i.d. air intake pipe from outside the engine bay. The ducting cannot be directly connected to the OE Air Box or Pod Filter.
- In addition to APRA management being able to issue a competitor with an APRA sealed ECU, APRA Management can now also issue any competitor with an APRA tested and sealed Air Flow Meter (AFM). Both ECU and AFM can be subject to a “ballot” at the discretion of APRA Management.

4.14 COOLING SYSTEM:

- No additional radiator shrouding is permitted.
- Electric Water Pumps are permitted.

5. TRANSMISSION

5.5 DIFFERENTIAL AND FINAL DRIVE ASSEMBLY:

- Non-Australian delivered gearbox housings will not be permitted from the start of the 2020 season.
- No Limited Slip Diff or Spool type Diff allowed.

6. SUSPENSION

6.7 STEERING:

- Tie-Rod ends must attach to the top of the steering arm, not below.
- Steering lock **MUST** be removed.
- Electric power steering pumps are allowed but electric steering racks are not.
- Steering rack must be Australian delivered type.

6.8 SWAY BARS:

- For N14, Yellowspeed version 1 or version 2 sway bar end mounts must be used. However, it is permissible to modify version 1 to emulate the version 2 by welding your own brackets to the version one type strut housing. The location of the brackets must be within 50mm of the Yellowspeed version 2 type.
- For N15 the rear sway bar must be mounted **FORWARD** of the rear axle centreline and must use the existing brake line bracket mounting holes. This is the same as an off the shelf Whiteline mounting kit.

7. WHEELS AND TYRES

- Permitted wheel sizes are 15 inch diameter and can now be a width of 6, 6.5 or 7 inches.
- Any device which allows the wheel nuts or bolts to be retained within the wheel during the process of the wheel being fitted to or removed from the car is forbidden.
- Wheel spacers are allowed.
- Tyres must be ordered online prior to the entry close date of the next round via the MRF website.

8. BRAKES

- N15 SSS brakes can be fitted to N15 sedan
- Brake rotors **MUST** be of single piece construction.
- A **SINGLE** brake bias adjuster is permitted to adjust front to rear bias only.
- Brake ducting permitted, maximum 80mm i.d.

9. FUEL SYSTEM

The fitment of Fuel tank foam is permitted.

10. ELECTRICAL EQUIPMENT

The OE Nissan Diagnostic Port must remain in the original location adjacent to the fuse box on the Driver's side A pillar and must be fully functional.

11. BODYWORK

11.2 BODY PANELS:

All body panels must retain their original shape and appearance and be constructed in OEM materials. No fibreglass body panels are permitted.



11.3 STRENGTHENING

Seam welding of the body, or the attachment of any additional strengthening is prohibited.

14. CATEGORY SPONSOR SIGNAGE:

- Failure to correctly display series sponsor signage will result in penalties.
- One set of Sponsor stickers will be provided to each member for the 2020 season. Any additional stickers must be purchased by the member.
- An MRF tyres cap must be worn during trophy presentations. Media interviews or photo sessions.

Note: The current signage diagram in Appendix A.18 is not final as we are still awaiting confirmation from a couple of sponsors. The updated diagram will be available as soon as possible.

16. SERIES CHAMPIONSHIP POINTS SYSTEM:

16.1 Points System

Points for first place are now 150 and points are scored all the way down to position 70!

16.3 Incident Reports

Incident report form for on and off track incidents located on APRA website.

16.4 Penalty System

- Penalties added for Sponsor signage compliance.
- Underweight penalties changed from the previous sliding scale to ***under by 1kg or more – exclusion.***

IMPORTANT NOTE: The accumulation of 3 or more demerit points in a 12 month period will result in an exclusion for a period of 12 months from the date of the offence that incurred the third demerit point. Demerit points will be deducted 12 months from the date of the offence and will be carried over into the next season.

17. GENERAL REGULATIONS:

Should a non-financial member wish to participate in a single event, a single event membership can be purchased. The cost and approval of a single event membership is at the discretion of the APRA Directors and will be determined on a case by case basis.

18. SERIES CONTROL ITEMS - CONTACTS:

Contacts have been changed to reflect the change to MRF tyres for season 2020.

If you have any questions or queries please contact the APRA Technical Committee via the Contact Us link on the APRA website. www.apra.club.