

# RCN12 ENTRANT VEHICLE & SCRUTINEERING GUIDE

## ENTRANT SANCTIONING

Red CentreNATS is sanctioned by Motorsport Australia and the Australian National Drag Racing Association (ANDRA). These Sanctioning Bodies may have additional requirements and guidelines for vehicles competing in Red CentreNATS events.

There may be circumstances where the Red CentreNATS Team will reach out to Entrants with these additional requirement and guidelines. It is important to know that the Red CentreNATS Chief Scrutineer, under the guidance of the Sanctioning Bodies, has the final approval of vehicle eligibility.

## WHO CAN ENTER?

For Event license requirements, please refer to the Entrant Terms and Conditions.

Red CentreNATS reserves the right to exclude any vehicle that fails to meet minimum entry requirements. These standards include but are not limited to vehicles found to be unsafe, of poor-quality construction, or vehicles featuring objectionable elements or themes.

## SCRUTINEERING MINIMUM REQUIREMENTS

Scrutineering is where our crew will check your car for safety and any competition-based requirements. Pre-Judging also begins at Scrutineering. These checks include:

### WORKING LIGHTS:

Brake lights, headlights, taillights and indicators are all required.

### VALID FULL LICENSE:

All entrants must hold a driving license as per the Entrant Terms and Conditions. The entrant must present a physical or digital licence at time of scrutineering. The licence must be present, current and valid. If an entrant presents at scrutineering with no licence, we are unable to conduct scrutineering. Note that entrant transfers are not permitted at Scrutineering.

For those applying for a Temporary Permit, you will be required to produce your physical license to the Motor Vehicle Registry Staff at Scrutineering.

### CURRENT REGISTRATION/TEMPORARY LICENSE INFORMATION:

Current registration where the numberplate matches the VIN.

If an entrant vehicle is unregistered, a Temporary Permit can be obtained subject to Northern Territory Motor Vehicle Registry (MVR) inspection and approval. This allows entrants to drive an unregistered vehicle on specific roads during Red CentreNATS as per the Temporary Permit.

Requirements for Temporary Permits will be released on the Red CentreNATS website. MVR will be onsite at scrutineering for all Temporary licence enquiries and processing.

### WHEEL NUTS ON ALL STUDS:

Wheel weights must be removed for competition Burnouts / Drags.

### WHEELS:

All wheels (front and rear) must match. For example, if there are mags on front wheels and stock on the rear, the scrutineers will not pass the vehicle or will ask you to change the wheels. An exception to this is burnout and drag racing competitors. NOTE: if burnout or drag competitors are wanting to cruise the streets, front and rear wheels must match.

**WHEEL GUARDS:**

If wheels protrude the body of the car (generally in a hot rod style vehicle), the car must be fitted with wheel guards.

**BUMPER BARS:**

Are compulsory for all burnout competitors – front and rear.

**TREADED TYRES:**

No visible belts, canvas or flat spots. Tyres need to be in serviceable condition.

**FUNCTIONING BRAKES:**

Functioning brakes must be fitted - front and rear. Any exceptions to this requirement are as per the Competition Regulations and Event Supplementary Regulations. Further to that, when applying for a Temporary Permit, vehicles must meet the regulations of the Motor Vehicle Registry.

**SEATBELTS:**

Fitted correctly and functioning for all seats front and rear. If your vehicle was manufactured before seatbelts were mandatory, you can't compete in any Driving Events but may participate in cruising.

**SEATS:**

Secured and functioning – seats must be bolted in.

**TAIL SHAFT LOOP:**

Tailshaft loops are recommended for burnout vehicles. Dependant on the vehicle performance and its modifications, tailshaft loops may be required for Drags entrants in accordance with the sanctioning body requirements.

**FITTED EXHAUST:**

A continuous system that extends past the last vehicle door or to the rear axle line. Any exhaust protruding on the side of the vehicle must point down. A cover deflecting the exhaust output in a downward direction is acceptable. To pass scrutineering, the exhaust must be with the vehicle. Open headers are permitted during drag racing and burnout competition only.

**COMPLETE FIREWALLS:**

Firewalls are to isolate the driver from the engine compartment and fuel tank/cell. This includes station wagons and vans with fuel cells in the back of the vehicle. This can be achieved by making a metal cover and securing and sealing over any opening. Firewalls made of any flammable materials, including wood or plastic will not pass scrutineering.

**FUEL TANKS AND CELLS:**

Fuel tanks and cells must be separated from the cabin, of purpose-built construction, fixed securely with the correct brackets i.e., no ratchet straps or temporary fixtures. The fuel tank/cell must be sealed off from entering the cabin areas in the event of an accident or fuel spill.

**FUEL LINES AND FILLERS:**

Must be designed for automotive use and appropriately rated for the fuel being used.

**SECURE BATTERY:**

With the correct battery securing devices (cable ties, ratchet straps will not pass).

**FUNCTIONING INHIBITOR SWITCH FOR AUTOMATICS:**

The vehicle should not start in gear. The test process at scrutineering is the vehicle can only start in Park and Neutral only. If any gear other than Park or Neutral are selected and the engine turns over, the vehicle will fail scrutineering.

#### **ENGINE BAY CHECKS:**

Be fitted with a throttle return mechanism which in the event of any throttle linkage or throttle system failure will close each throttle, no loose componentry etc

#### **BONNET:**

To pass scrutineering, a bonnet must be fitted. The only exemption to this rule is vehicles competing in Burnouts and during Burnout competition.

#### **TURBO CHARGERS:**

Any turbochargers protruding out of the bonnet must have a filter / screen over the inlet and heat wrap over the hot side of the turbo. Exhaust must be suitable, so it does not exit out of the side guards. Any exhaust protruding on the side of the vehicle must point down. A cover that directs the outlet down is acceptable.

#### **BLOWER BELT GUARD:**

Required for all blowers protruding from a bonnet.

#### **FIRE EXTINGUISHER (Minimum 900g capacity AS1841):**

Fire extinguishers are required for all vehicles. A minimum of 900g charged dry chemical extinguisher secured within the vehicle cabin. Vehicles competing in driving events must have the extinguisher mounted within the vehicle cabin.

### **COMPETITION SPECIFIC REQUIREMENTS**

#### **1) BURNOUT COMPETITOR PERSONAL PROTECTIVE EQUIPMENT**

- a) Each driver and passenger must wear a fire suit meeting or exceeding SFI 3.2A/5 or FIA 8856:2000 as a minimum, or any other standards recognised by Motorsport Australia for burnout competition.
  - i) Closed toe shoes
  - ii) Helmet meeting or exceeding AS/NZS 1698:2006 or UNECE 22.05 as a minimum

#### **RESTRICTED ENTRY**

Restricted access may be necessary for some vehicles which do not comply with the above requirements. This can include limited activities or movements at the event. Examples of this include:

- Vehicles without bonnets or exhausts
- Promotional vehicles
- Vehicles operating specialised fuels
- Purpose built racing vehicles

#### **SIGNAGE, BRANDING AND NUMBER PLATES**

Vehicles displaying excessive sponsor branding, advertising or marketing material are considered commercial participants and additional fees may be charged upon application approval.

Entrants will be requested to remove objectionable elements or themes or may be denied entry, this can include but not limited to:

- Stickers
- Number plates
- Paintwork

#### **DRIVER AND PASSENGER SEATING RULE FOR CRUISING**

All vehicle seats must be fixed in place to an automotive industry acceptable standard, guidance information can be found in *the Vehicle Standards Bulletin 14 (VSB14)*. All occupants must be seated with an approved seatbelt securely fitted whilst the vehicle is in motion.