

Rover Scout Motorsport

# Club Standing Regulations

Series Regulations

Effective as of March 2020

Updated February 2020



1. **Name**
  - 1.1. The name of the series shall be the 'Rover Scout Motorsport Championship Series' or 'RSM Championship' for short
2. **Committee**
  - 2.1. The RSM Championship Series is administered by the Rover Scout Motorsport Club Executive including delegates of the Event Teams that run Championship Events. Decisions regarding the Championship, its administration and rules will be made by the RSM Executive.
  - 2.2. The role of Series Co-ordinator is held by the RSM Training & Development Officer
  - 2.3. RSM Chairman is recommended to sign on as the CRO (Competitor Relation Officer) upon arrival at an event. (To assist competitors with navigating the world of Motorsport Australia and the club)
3. **Events**
  - 3.1. Number of Rounds
    - 3.1.1. The series shall consist of a minimum of three (3) rounds. The number of Rounds will be determined by RSM and the Series Co-ordinator.
  - 3.2. Eligible Events
    - 3.2.1. The eligible events for Championship will be determined by the Series Co-ordinator in consultation with the RSM Committee.
  - 3.3. Requirements for Championship Rounds:
    - 3.3.1. Compliance with the RSM Standing Regulations, RSM Policies and RSM Event Minimum Operating Standards.
    - 3.3.2. The following line in the Event Supplementary Regulations: *This event is also round # for the club level Rover Scout Motorsport Championship Series 20XX/XX.*
    - 3.3.3. Release of Provisional Results is required within one week of the event and Final Results two weeks later. Championship Points will not be calculated until Final Results are received.
  - 3.4. Conditions for Uncontested Series
    - 3.4.1. Less than three (3) events shall not constitute a Series. In such instances the Series shall be declared as **'NOT CONTESTED'** for that year.
  - 3.5. Failure to Run
    - 3.5.1. If an event is marked as a Championship round and not run, each crew will receive zero for that round.
4. **Eligibility**
  - 4.1. All Rover Crews that compete in RSM Sanctioned Events are eligible to receive Championship Points.
  - 4.2. Non-Rover teams are ineligible to receive Championship Points,
  - 4.3. To be eligible for the Championship placings and subsequent prizes (trophies), teams must attend and start in a minimum of two (2) Championship Rounds.
  - 4.4. Crew entry's to the championship series are on a per car basis, the car or cars competing the championship series will be nominated at the first pre scrut of the season. There is no limit to the number of entries to the championship a crew can have.
  - 4.5. If a single car is entered into an event twice or more the points towards the championship from the highest placed entry will be awarded towards the championship total
  - 4.6. In the event of a write off the championship points will be transferred over to the replacement. (Crews running multiple entries will not have championship points transferred to the other entry)
  - 4.7. Membership will be determined at census time and rovers who turn 26 during the championship will still be considered rovers for the remainder of the championship series.

## 5. Classes

### 5.1. Class 1: Rovers

- 5.1.1. Drivers in the *Fillies Subclass* must be female and under 26.
- 5.1.2. Drivers in the *Rookies Subclass* test must be aged 21 years

### 5.2. Class 2: Other RSM Members (Non-Rovers)

- 5.2.1. By definition, drivers in the *Other RSM Member* class must be an Other RSM Member entrant and not eligible to enter Class 1.

## 6. Awards

- 6.1. The Series Championship shall be determined by the aggregate of points scored for event performances as per Rule 7
- 6.2. Championship awards shall awarded for each class:
  - Outright 1<sup>st</sup>
  - Outright 2<sup>nd</sup>
  - Outright 3<sup>rd</sup>

## 7. Series Point Scoring System

- 7.1. Points will be awarded to teams for Overall Event Placings at each event as follows:
  - 7.1.1. 1<sup>st</sup> – 50 2<sup>nd</sup> – 48 3<sup>rd</sup> – 46 And so on... Down to: 20<sup>th</sup> - 12.
  - 7.1.2. 10 points will be awarded to all crews that place lower than 20<sup>th</sup> Overall.
- 7.2. Points from each Round shall be tallied together to give a Championship Ranking.
- 7.3. The series shall conclude each year at Mudbash.

## 8. Other Awards

- 8.1. Clubman Award - awarded to a Rover who has displayed exceptional sportsmanship which promotes and positively enhances Rover Scout Motorsport.
- 8.2. Club Official Award - awarded to a non-senior official (e.g. not Clerk of Course, Steward or Director) for large participation and displaying fairness and sportsmanship within Rover Scout Motorsport
- 8.3. Nominations for these awards are set out in separate guidelines.

## 9. Member Eligibility

### 9.1. Crew Requirements

- 9.1.1. All entrants and crew members must be registered members of Rover Scout Motorsport (RSM).
- 9.1.2. All entrants and crew members must comply with section 5. DRIVERS of the Khanacross Regulations found in the Autotest Manual.
- 9.1.3. All Crew members must comply with the Motorsport Australia ALCOHOL POLICY and NCR 145A,
- 9.1.4. All crews are required to send a representative to 50% of the yearly RSM committee meetings or acknowledgment of the meeting via an apology.
- 9.1.5. Competition will be conducted with one (1) driver and one (1) passenger in the car. Therefore all Motorsport Australia requirements regarding passengers must be followed.

### 9.2. Crew Apparel

- 9.2.1. In line with section 6. DRIVERS of the Khanacross Regulations found in the Autotest Manual apparel must be worn as per Schedule D-Apparel for Autotest, Khanacross Multi-club requirements.

## 10. Competition Vehicles

### 10.1. General Requirements

- 10.1.1. All vehicles must comply with section 5. VEHICLE REQUIREMENTS of the Khanacross Regulations located in the Autotest Manual. This includes schedule A and Group 4H of the Motorsport Australia Manual of Motor Sport. Note: Section 5 contains Fire Extinguisher Requirements
- 10.1.2. In addition to the above, any requirements from any items listed within this document and Schedule B of the Motorsport Australia Manual of Motor Sport must be adhered to.
- 10.1.3. Only two (2) Wheel drive vehicles are permitted to enter the event.
- 10.1.4. All competing vehicles must present to event scrutiny in a clean and “ready to compete state”.
- 10.1.5. Motorsport Australia may make changes to the Motorsport Australia Manual of Motor Sport. These changes will be published in the form of a bulletin and may affect vehicle requirements. It is the crew’s responsibility to be aware of any such changes.
- 10.1.6. All Vehicles must be presented to a pre scrut prior to competing in the Championship.
- 10.1.7. The car presented at this pre scrut will be the crews entry into the Championship. If the vehicle is written off, the championship points will be transferred to its replacement
- 10.1.8. Any Vehicle involved in an accident is required to be re-scrutineered prior to returning to competition. A pre scrut may be required prior to the next championship event on the club and or event scrutainors request.
- 10.1.9. For vehicles that have damaged their windscreen please refer to 14.2

### 10.2. Vehicle Markings

- 10.2.1. Competition numbers are to be registered with RSM and should be placed in accordance with Motorsport Australia standard in Schedule K, Figures K1 and K2 are acceptable.
- 10.2.2. All vehicles MUST have Motorsport Australia and Rover Scout Motorsport advertising affixed to the body.
- 10.2.3. Sponsorship stickers must meet the standard set in Schedule K

### 10.3. Body Shell and Chassis

- 10.3.1. Vehicle should be free of sharp edges, loose panels and unsecured items
- 10.3.2. The use of distributable ballast is prohibited.
- 10.3.3. Vehicles with excessive rust which affects the integrity of the vehicle will not be allowed to compete.
- 10.3.4. Rust sections may be repaired with steel only.
- 10.3.5. Hybrid Vehicles that utilize a chassis attached to a monocoque type body shell are excluded.
- 10.3.6. For structural integrity, no holes are to be placed in the main components of the chassis or body.
- 10.3.7. A solid towing point capable of towing the vehicle on a sealed surface with its wheels locked. Must be fitted within 400mm of the centre line of the vehicle, both front and rear. The point must be capable of accepting a 40mm outside diameter cylindrical test object. Where the tow point may be obscured each tow point shall be marked with a Red Triangle and the word TOW in a contrasting colour

### 10.4. Steering and Suspension

- 10.4.1. Steering and suspension components must be in good working order, that is, no excessive movement within the components.
- 10.4.2. If modifications are made, it must be demonstrated that all the parts affected are in a safe working condition.
- 10.5. Brakes
  - 10.5.1. All competing vehicles must be fitted with a dual braking system so arranged that the pedal normally operates on all four wheels and, in the event of leakage at any point in the braking system, the pedal will control two wheels.
  - 10.5.2. The brake system must be fully operational and be effective. There must be no fluid leaks within the system.
- 10.6. Engine and Driveline
  - 10.6.1. Engines, Transmissions and Final drives must be securely mounted. The use of restraints is recommended but not mandatory.
  - 10.6.2. The exhaust system must comply with Schedule B. The maximum noise emissions must not exceed 95dBa. This may be checked by the scrutineers as per, Methods of Measurement of Emitted Noise, Motorsport Australia Manual of Motor Sport and Trackside Testing.
  - 10.6.3. The fitment of tail shaft safety strap as per Schedule B is required.
  - 10.6.4. RSM does not waive the requirement for an oil catch tank to be installed as per Schedule B.
  - 10.6.5. The requirement for a coolant catch tank from the radiator or cooling systems is waived provided that an overflow pipe be fitted and positioned to not cause injury to occupants if the vehicle overheats and boiling water escapes.
  - 10.6.6. Engines are to be in working order, this includes no oil leaks or excessive smoke emissions.
- 10.7. Electrical
  - 10.7.1. A minimum of two headlamps are required for the night events. Excluding light bars
  - 10.7.2. A rearward facing lamp amber in colour, must be fitted to the rear of the vehicle and remain luminous whilst ignition is "on".
  - 10.7.3. Two working tail, and stop lights with at least one reverse light.
  - 10.7.4. The battery must be securely mounted. If the battery is mounted in the passenger compartment it must be fully enclosed and a breather fitted which expels the gases to the exterior of the vehicle. NOTE: As per Schedule B a blue triangle, is to be used to indicate the location of the battery.
  - 10.7.5. All vehicles must be fitted with a working horn (audible warning device).
  - 10.7.6. Wiring must be safe, appropriately mounted and insulated.
  - 10.7.7. A battery isolation kill switch is to be fitted. It must perform two duties when turned off
    - 10.7.7.1. It must isolate and disconnect the battery.
    - 10.7.7.2. It must stop the engine and any electric fuel pump/s, if fitted.NOTE: Be aware that an engine may continue to run even though the battery has been isolated, this is due to the alternator producing power for the ignition system; make sure the power wire is part of the isolated system.
  - 10.7.8. The isolation switch is to be accessible to both crew members and marked in red.
  - 10.7.9. For automatic transmission vehicles an operative inhibitor switch must be fitted.
- 10.8. Wheels and Tyres
  - 10.8.1. For sedan type vehicles the complete wheel and tyre must be inside the confines of the body.

- 10.8.2. The use of dual wheel systems, traction aids or agricultural tyres are PROHIBITED.
- 10.9. Fuel and Fuel Systems
- 10.9.1. The fuel tank filling cap must be to manufacturer's specifications and screw or lock into position.
- 10.9.2. Fuel tanks are not to be fitted in the area of the vehicle occupied by the crew.
- 10.9.3. If non-standard fuel tanks are fitted, they must be securely mounted and a metal fire wall must be fitted between the tank and the crew.
- 10.9.4. Fuel tanks must have an external breather as per Schedule A.
- 10.9.5. All hoses and fittings must be of a good standard and securely mounted.
- 10.9.6. Flexible fuel line must be rated for the correct pressure and good quality metal worm drive clamps are to be used.
- 10.9.7. Metal fuel lines may only run through the vehicle if they have a secondary cover for protection and with no joins in the area occupied by the crew.
- 10.9.8. Refuelling of competition vehicles is ONLY to be done in the designated area of the pits/service park or where indicated by organisers
- 10.9.9. The fuel used will be from your own supplies.  
If a competitor is seen to be refuelling the vehicle outside this area, penalties will be applied.
11. **Safety for Competing Crews**
- 11.1. Seats
- 11.1.1. Seats must be of a safe design and when fitted, not to be allowed to recline more than 15 Degrees.
- 11.1.2. All seats are to be securely fixed to the vehicle, as per Schedule C.
- 11.1.3. If the seat does not incorporate a head restraint, then a separate device must be fitted. The minimum dimensions are to be, 250mm square and 35mm thick. It must be of high energy absorbing material and mounted within 50mm of the helmet, when the driver or passenger is in a normal seated position.
- 11.2. Safety Harnesses
- 11.2.1. A type B four (4) point safety harness is to be mounted as per Schedule I.
- 11.2.2. A type B four (4) point or superior safety harness is to be mounted as per Schedule I.
- 11.2.3. Harnesses must be within date and free from any damage.
- 11.3. Windows and limb Restraints
- 11.3.1. Front windscreens if fitted must be laminated glass in good condition. The screen must be labelled.
- 11.3.2. If no front windscreen is fitted, a steel mesh screen must be fitted, with openings no larger than 25mm x 25mm.
- 11.3.3. The use of window nets is optional, except for in special tests. Window nets must comply with Schedule I for Offroad Races.(Arm restraints are not required).
- 11.3.4. If no net is fitted Side windows are to be up, and the car must have a working demister.
- 11.3.5. Wrist restraints are recommended but not mandatory, if used, it will not negate the requirement of the fitting of side window netting.
- 11.4. Roll Over Protection Systems
- 11.4.1. A R.O.P.S must be constructed and fitted as per Schedule J. This is to be a type 3 roll cage for use in competition with more than one occupant and have doorbars, roof reinforcement is not mandatory but is recommended.

- 11.4.2. For Frame type vehicles refer to GR 9 for Off Road Vehicles, Minimum requirement is diagram 1.
- 11.5. Log Booked Vehicles
  - 11.5.1. Vehicles that hold a current Motorsport Australia Log Book must present this at the event scrutiny and pre scuit days.
- 12. **Event Guidelines**
  - 12.1. Enites
    - 12.1.1. As per the Khanacross Regulations found in the Autotest Manual (Section 6
    - 12.1.2. Non Rover Teams Non Rover Teams are ineligible to compete in tests designated as Rover Advisor's and Rookie's only.
    - 12.1.3. The term 'Rookie' for RSM events is any competitor aged 21 at driver sign in.

Note: All Schedules Referred to in this document can be found in the current edition of the Motorsport Australia Manual.

<https://motorsport.org.au/regulations/manual/general-requirements>