

Adrenalin4x4

MUD GUTS N' GLORY ROCKS 09

2009 Vehicle And Competitor Requirements For Extreme Class

Competitors

Driver and navigator required for each vehicle.

Motorcycle helmets will be required for both driver and navigator in all vehicles and will need to have an Australian standards sticker inside showing expiry date. No helmet that has been tampered with i.e. stickered or painted will be acceptable.

All Competitors will wear sturdy footwear. No thongs or opened top shoes allowed.

Any heavily modified vehicle will be at the mercy of the head scrutineer as to the class it runs in

1. Vehicles

1.1. Mufflers are required on all vehicles.

1. 2 All vehicles will be fitted with recovery points of a standard that will allow safe operation of vehicle recovery, and there will be a requirement of two at front and two at rear of vehicle that will be able to safely accept your recovery shackles (rated). Vehicle tie down points are not acceptable recovery points.

1.3 Minimum recovery check list; snatch strap (min 8000lb) x1, shackles (rated) x 2 and a bridle rated to the weight of the vehicle.

1.4 All vehicles will need to have UHF radios.

1.2 AXLES

1.2.1: All Automotive based axles are allowed.

1.2.2: All forms of gears reduction are allowed.

1.2.3: Fixed (non adjustable) changes to the wheelbase are allowed.

2. BODY

The body for the purpose of the competition is the vehicles outer layer and includes, floor, sides, rear, bonnet, firewall and doors.

The following are body guidelines for competition.

2.1 BONNET/GRILL

2.2.1: Must cover the top of engine completely. Hood scoops and breather holes are acceptable.

2.2.2: Fully open space cannot exist beyond twelve (12) inches in diameter without a baffle.

2.2.3: All bonnet panels must look like an OEM body panel of proclaimed vehicle.

2.2.4: All vehicles must have 2 working head lights of any type, 1 tail light, 1 brake light and 1 reverse light.

2.2 FENDERS

Not required.

2.3 TUB/CAB

2.3.1: General condition must be in good shape without excessive rust that would warrant concern for safety.

2.3.2: Firewalls are required for safety and must be a minimum of forty-thousandths Aluminum or 20 gauge metal. Plexiglas is not permitted.

2.3.3: Firewalls must be run from the left outer panel to the right outer panel and separate fully, the driver from the engine compartment.

2.3.4: Exposed transmission components must be covered with a safety shield to protect occupants from possible exposure to transmission fluid in the event of transmission case fractures or unforeseen fluid spills.

2.3.5: Body panels, though not required are highly recommended.

2.3.6: All vehicles must have a floorboard running from under the control pedals, back to the forward edge of the seat. The floorboard must be a minimum of forty-thousandths aluminum or 20 gauge metal. Plexiglas or Lexan is not permitted.

2.3.7: Boat siding and Dove-tailing is allowed.

2.3.8: vehicles must be 48 inches wide at the door bar junction to the B-Pillar.

2.3.9: All vehicles must run a minimum half door. It must cover at least 1/3 of the opening.

3. BRAKES

The brakes for the purpose of the competition are the source of control for slowing and stopping wheels.

3.1: Mechanically operated brakes are approved.

3.2: Hydraulic assisted brakes are approved.

3.3: The brake pedal on the floor must operate the brakes at each wheel.

3.4: Competitors may use secondary brakes for operating individual brakes on the vehicle.

3.5: An official must approve transmission or pinion brakes if they are primary source of braking.

3.6: Hand brake hydraulic locks or mechanical locks are approved for hand brakes.

3.7: Hand brakes gears (mechanical type) must be in good shape and not worn to a pointed possibly disengagement while under a load.

3.8: Brakes must be in good working condition with adequate pads. Brakes that are worn out Or oil soaked will not pass.

3.9: Brake lines must be in good shape without leaks and ran safe route from cylinders to brakes.

3.10: Master and slave cylinders must be in good shape without leaks. Adequate braking resistance at the pedal is required.

4. Cooling

For the purpose of the competition the following are to be considered part of the cooling system: Radiators, hoses, engine ports, heater hoses, and coolant products.

The following are the cooling guidelines for competition:

4.1: Radiators must be securely mounted and covered so that, in the event of a break in the radiator, spectators, spotters and drivers are protected from the coolant spill, must have recovery bottle if using recover radiator cap.

4.2: Hoses and connections must be in good condition without cracks, all connections must have a tightening device that utilizes a mechanical means to secure the connection.

4.3: Radiators must have an OEM or adequate sized aftermarket overflow bottle, securely mounted, and connected to the radiator by an overflow tube.

5. Electrical

This includes all wires, lights, batteries, and any other items controlled by or conducting electricity as its function to be part of the electrical system.

The following are electrical guidelines for competition:

5.1: Batteries must be in good shape with adequate mounting to keep the battery in place in the event of a roll.

5.2: Wires must be in a condition and position that is safe. Exposed or burnt wires are not approved.

6. Engine/Motor

For the purpose of the competition the system designed to create torque and horsepower, including blocks, heads, valve cover, oil pan and all internals of such system to be classed as part of the engine.

The following are engine guidelines for competition:

6.1: All engine/motor sizes and configurations are approved.

6.2: Engine/motor must be free of leaks.

6.3: Engine/motor mounts must be in good condition and of adequate material to support the engine.

7. Fuel System

The fuel system includes all components and connections used to store, deliver, and mix fuel and air on the vehicle. This includes the type of fuel used.

The following are fuel system guidelines for competition:

7.1: Unleaded, leaded, propane, natural gas, and diesel fuels are approved.

7.2: Fuel lines must be free of leaks or cracks in hoses.

7.3: Throttle assemblies must be in good order and work smoothly. Throttles that do not move smoothly throughout their entire range of motion will not pass.

8. Roll bars (Soft Top Vehicles Only)

For the purpose of the competition a roll bar is considered to be the safety bars surrounding the driver and navigator. Roll Bars must be designed to protect the occupants in the event of a rollover.

9. Seating

The following are seating guidelines for competition:

9.1: Vehicle must have seats that are securely mounted to the floors of the vehicle.

9.2: Seat Belts to Australian standards. Frayed belts will not be accepted.

10. Steering

For the purpose of the competition steering is considered to be all components designed to turn the vehicle wheels to the left or right of the vehicle centerline.

The following are steering guidelines for competition:

10.1: All steering components, u-joints, and fittings must be in good working order as determined by an official.

10.2: Steering system must have no fluid leaks.

11. Stickers

Teams may run their own stickers without restriction in size. Stickers may not use profanity or be of a crude nature. We will ask that all competitors run the event sponsor stickers.

12. Suspension

The following are suspension guidelines for competition:

12.1: Suspension pivot points, connecting points must be free of cracks and in good physical condition as determined by an official.

13. Tyres

The following are tyre guidelines for competition:

13.1: If road registered must run a minimum of 38 inch tyre.

13.2: Wheels and Tyres to be used in comp will need to be at scrutineering for inspection and must be of legal road tread depth.

13.3: All factory built tyres from any manufacturer.

13.4: Tyre Studs, screws, snow chains, or anything added to the tyre to aid traction are not permitted.

14. Wheels

The following are wheel guidelines for competition:

14.1: All steel and aluminum wheels are approved.

14.2: Bead lock wheels with locks on both the inner and outer side of the wheel or any combination thereof are approved.

14.3: Wheels and bead locks must not interfere with the proper operation of brakes.

14.4: Wheels must be mounted onto the axle with a minimum of four lug studs.

14.5: All lug studs must have the proper nuts on them.

Additional Requirements

- One approved Fire extinguishers must be securely mounted. Mounting position must be within easy reach and not obstructed.
- Extinguishers must be easily removed without the use of tools.
- Extinguishers must be full.
- One First Aid Kit per vehicle containing the minimum of a St Johns Ambulance Personal Car (Medium Kit)
- Storage trays required for any fuels and oils held in pits i.e., deep welled floor mats are sufficient.
- Spill kits required. This consists of a non porous bag and shovel for clean up of any spill.
- All equipment will need to be securely stowed away. You will need to demonstrate this at scrutineering.

