

2019/2020 SEASON BURNOUT RULES AND REGULATIONS

(Updated 23 July 2019)

BURNOUT CLASSES

Whilst every effort will be made to cater for entrants in their nominated burnout category at events, Perth Motorplex has the discretion to properly assign the appropriate class that burnout vehicle/s will participate in.

PRO:

Engine: Aftermarket Supercharged, Turbocharged, Nitrous Oxide.

Fuel: Petrol, E85, Ethanol or Methanol.

Exhaust/Muffler : Please read specific muffler rules at Section 6

Chassis Modification: Please read specific Vehicle - General rules at Section 1

OPEN:

Engine: Naturally Aspirated or standard OEM Supercharged/Turbocharged (i.e. factory LSA, XR6 Turbo etc.)

Nitrous is not permitted. *(NB. Minimum 12-month suspension for competitors caught illegally using nitrous in Open Class.)*

Fuel: Petrol, E85, Ethanol or Methanol.

Exhaust/Muffler : Please read specific muffler rules at Section 6

Chassis Modifications : Please read specific Vehicle - General rules at Section 1

NOTE: If an Open competitor places in the Top 5 at a major event, they may enter the Blown class at the next major event. The rule also applies to nationally-recognised interstate Open competitors.

SPORTSMAN:

Engine: Naturally Aspirated 4 or 6 cylinder

Nitrous is not permitted. *(NB. Minimum 12-month suspension for competitors caught illegally using nitrous in Sportsman Class.)*

Fuel: Petrol, E85, Ethanol or Methanol.

Exhaust/Muffler : Please read specific muffler rules at Section 6

Chassis Modifications : Please read specific Vehicle - General rules at Section 1

GENERAL RULES

1. Vehicle - General

- 1.1. Vehicle means – Any four wheeled Sedan, Ute, Van or Commercial. - Convertibles must compete with top up - open vehicles are not permitted. Vehicles do not have to be Street Registered.
- 1.2. Vehicles of both monocoque construction and Space-Frame chassis are permitted.
- 1.3. The front firewall/bulkheads may be modified were required to allow room for the fitment of alternative engine/gearbox assemblies. Any holes in the Firewall must be plugged.
- 1.4. Tubbing of the rear fender wells and relocation of suspension mounts for fitment of tyres is permitted.

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- 1.5. Bonnets Optional, however any vehicle without a bonnet must have a presentable engine bay and MUST have radiator top tank and/or expansion tank securely covered. (this rule not applicable to Wednesday Night events)
- 1.6. Radiator to be in original location. Any additional radiators, tanks and hoses must be located outside the driver's compartment, radiator top tank and/or expansion tanks must be covered if open.

2. Presentation and Appearance

- 2.1. While not mandatory, paintwork should be in neatly presented condition. Body and all external accessories to be fitted neatly. No dents or damage should be identifiable from approx. 15 metres.
- 2.2. Advertising should be selective and is to be kept within the confines of:
 - a) Upper or lower 200mm of front windscreen.
 - b) Rear windscreen and rear bumper.
 - c) Rear fixed quarter window.
 - d) Advertising on any door, front guard or rear guard should be presented in a 'classy' fashion. That is, with a high level of presentation. A sticker slapped on a car in any of these areas will result in a poor presentation score and/or rejection from competition.
 - e) Utes only: Due to reduced rear windscreen, Utes may have a minor amount of advertising on rear tailgate.
- 2.3. Any vehicle that is presented with rubber marks from a previous burnout event may be moved forward in the seeding and may be placed in the first session at subsequent burnout events regardless of overall result.

3. Interior

- 3.1. Complete interiors are recommended however if any Trim is removed, all sharp edges must be covered. (door trims or fabricated cover fitted)
- 3.2. Minimum lap sash seat belt for driver and passenger.
- 3.3. Seats to be in good supportive condition and have all mounting bolts fitted.

4. Fluids

- 4.1. Engine and Underbody must be free from any oil or coolant leaks.
- 4.2. Minimum 600ml coolant overflow Tank/Bottle that must be held securely in place.
- 4.3. Fuel cells/tanks and battery's must be isolated from cabin area.
- 4.4. No liquid/fluids to run through cabin area unless fully enclosed in steel housing and approved by Scrutineers.
- 4.5. No sprayers to be used anywhere on the vehicle, including, but not limited to, tyres, radiators or intercoolers.

5. Mechanical

- 5.1. Automatics must have an operational neutral safety switch.
- 5.2. Battery to be secured with a clamp or bracket (it is highly recommended to have an isolation switch).
- 5.3. Aftermarket Blown Cars must have a transmission shield or blanket – (highly recommended for other classes).
- 5.4. Modified Floor pan/Fire wall and Tunnel to be inspected by scrutineers for approval.

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5.5. Driveline Protection:

Tail shaft Loop with 360-degrees of enclosure, minimum 3mm thickness and 50mm width, installed within 150mm from front universal joint.

5.6. Bald tyres will not be permitted. A minimum of 1.5mm of tread is required.

5.7. Hubcaps/trims/wheel weights MUST be removed from driven wheels. Wheel nuts must be standard for the wheel used. Mag wheel nuts not permitted on steel rims. No flammable gases may be used to inflate tyres.

5.8. Rear wheels must be in reasonable condition free from cracks and/or excessive wear. Wheels nuts must be the type designed for the wheel used. Steel Rims highly recommended.

6. Exhaust/Muffler (does not apply to Whoop Ass Wednesday events)

6.1. Exhaust may terminate at the Header Collector flange.

6.2. Mufflers optional.

6.3. No side pipes or side outlets permitted.

6.4. Turbocharged vehicles may have exhaust exit through bonnet and must be vertical.

7. Changes after Scrutineering

7.1. No changes to be made after the vehicle has been scrutineered unless vehicle is to be checked again.

7.2. If a competitor changes their exhaust system after scrutineering, they may face disqualification and/or suspension.

7.3. If a competitor entering Open Class is found to have engaged a Nitrous system after scrutineering – they will be suspended for a minimum of 12 months.

8. Additional Considerations for High Performance (Blown, Turbo, Nitrous) Vehicles

8.1. Blower belt guard, approved restraint system from a known manufacturer and aluminium shear-mounting studs are required for all 'out-of-bonnet' aftermarket Superchargers.

8.2. Harmonic balancer, meeting SFI 18.1 requirements.

8.3. Manual transmissions are highly recommended to have a clutch shield or steel Bell Housing.

8.4. Mechanical fuel injection must have fuel shut off that is operational from driver's compartment.

8.5. 4 Litre engine oil puke tank Minimum.

9. Nitrous Regulations

Competitors are reminded of the dangers associated with the incorrect use of Nitrous Oxide. It is highly recommended that systems are sourced in complete form, from a recognised manufacturer.

The following safety rules apply for all vehicles fitted with Nitrous at Burnout Events:

9.1. Bottle Mounting:

Bottles must be mounted outside of the engine compartment. Any bottle located in the driver's compartment must be mounted with metal brackets secured to a structural point of the vehicle and a relief valve, vented outside the driver's compartment, to the atmosphere. Bottles must be upright or semi upright. Inverted bottles not permitted. Bottles must be equipped with on/off taps. Bottle shut offs requiring special keys are not acceptable. Bottles used must be purpose built for use with nitrous oxide. Electric devices used for raising the temperature of nitrous oxide bottles must be produced for that purpose by an industry manufacturer and may not be modified in any way. All bottles must use two supporting brackets locked with supplied nut and bolt.

9.2. Nitrous Lines:

Must be outside of driver's compartment, except where the bottle is mounted in the driver's

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compartment, in which case the line must be plumbed outside the compartment as near as possible to the bottle outlet. Where lines pass converter or flywheel area, they must be encased in minimum 3mm (1/8 inch) thickness steel tubing. High pressure rated hose of minimum 1500 psi is required, and a sintered bronze filter, fit for purpose, must be fitted in the gas supply line.

9.3. **Switching:**

Both solenoids must operate from a common switch and the system must be capable of being switched off by three means: (1) when the throttle is closed; (2) by a special arming switch that provides power to the solenoids; (3) through the normal ignition switch.

9.4. **Markers:**

All vehicles using Nitrous Oxide must display special markers located on the outside of the vehicle, in the area where the supply bottle is located and in the top left corner of the front windscreen. The marker shall be a yellow diamond, with N2O printed in black letters. These are available from ANDRA.

9.5. **Warning Light:**

A prominent BLUE warning light must indicate when the System is armed and be in full view from outside the vehicle by track and safety staff.

10. **Competitor Courtesy and Driving Standards**

- 10.1. Every competitor deserves the right to compete on a relatively dry, debris-free pad. Therefore, each competitor is expected to have a level of respect for their fellow burnout competitor. If you know your car is about to leave oil or coolant all over the pad, please get off. You do not need officials to tell you if you feel something is amiss. Please think of the next competitor who has to do a burnout all over the mess you made.
- 10.2. At each event, it has become a custom for competitors to chirp the tyres across the pad. Any kicking of the tail or pointing the car at any of the walls may result in immediate disqualification. It is a conservative, small, straight-through burnout only.
- 10.3. Once any competitor has entered the pad via the entrance road for their competitive burnout skid, the boundaries of the burnout pad are the walls, and their natural continuous line. Any competitor that has the wheels spinning along either return road outside the natural boundary line of the walls will be disqualified. Penalties may apply for any infractions until a competitor has completely left the pad.
- 10.4. Any competitor performing a burnout on the return road or pit area may result in disqualification and/or suspension.
- 10.5. The competitor must exit the Staging Lanes and Cross-The-Pad at the allocated time. Failure to do so and having to Cross-The-Pad once the session has started will result in a 5-point penalty.
- 10.6. A competitor must begin their burnout at their scheduled position. Failure to do so and doing their burnout out-of-order will result in a points penalty.
- 10.7. If a burnout goes longer than two (2) minutes, it is at the officials' discretion to end the session.
- 10.8. A driver and passenger must keep their torso within the confines of the vehicle. The passenger must remain in a position to be restrained by the seatbelt. The passenger cannot go any further than the left armpit past the window sill and some part of the helmet must stay within the confines of the car. If the entire helmet exits the confines of the vehicle, the competitor may result in disqualification and/or points penalty.
- 10.9. No components of the vehicle may be disconnected or opened during the burnout. Breach of this rule may result in points reduction and/or suspension.

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11. Clothing (Drivers and Passengers)

- 11.1. Must be of a fire-resistant material as a minimum. Absolutely no nylon.
- 11.2. Long pants, long-sleeve shirt (No holes – including fashion cut outs)
- 11.3. Enclosed shoes and socks above the ankles
- 11.4. Sleeves must be down before and during burnout.
- 11.5. Fire Suit meeting SFI3.2A/5 highly recommended all classes using Methanol Fuel.

12. Helmets

Helmets can be full face or open face and must meet one of the following standards:

- AS/NZS 1698 SNELL SA2010
- ECE 22-05 SNELL SA2015
- FIA 8860-2010 SNELL SAH2010
- SFI 31.1 SNELL M2010
- SFI 41.1 SNELL M2015

13. Authority of Track Officials to Stop a Competitor

- 13.1. Fire
- 13.2. Dropping fluids or debris onto the pad including oil or coolant
- 13.3. Dropping Glass or Plastic from broken headlights/lenses etc.
- 13.4. Dangerous Driving
- 13.5. Static burnout (burnout must be done whilst moving)
- 13.6. Not performing a burnout (just driving around in circles)
- 13.7. Exceeding two minutes

14. Ignoring an Official's Direction to Stop *MAY* Result In:

- 14.1. Loss of points, and/or
- 14.2. Disqualification, and/or
- 14.3. Suspension from future Perth Motorplex events and other WA Burnout Competitions.

15. Run Order

Competitors are seeded as per priority below, and then randomly drawn. Seeding Applies to WA Competitors. (Interstate competitors are on case-by-case basis)

All Classes

- Seeding will be carried out on the Thursday before the event using the current Championship Points order.
- If it is the first event of the season the previous year's finishing order will be used.
- Late Entries:
 - Any Late Entrants, that is, after midnight Wednesday prior to the event, the run order will be randomly chosen.
 - All entries received after the Late Entries close are considered On-The Day entries - that is after midnight Wednesday prior to the event and will go at the front of the run order for that class.

16. Entrant Sign-On (Scrutineering)

- There are dedicated lanes for PRO and OPEN/SPORTSMAN competitors
- All Drivers, Passengers and Crew MUST have photo ID to sign in

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- Driver and Passenger must complete ALL required indemnity forms before they can sign in before they can compete
- Drivers with passengers must be at eighteen years of age or older
- Passengers must be eighteen years of age or older - Passengers will only be allowed if the driver has performed a burnout to our requirements at the Motorplex beforehand.
- All drivers must hold or have held a civil driver's licence, however drivers under the age of 18 must have legal guardian present with them to sign in. A legal guarding can only be -
 - a) Parent or
 - b) A court appointed guardian. (Siblings, Friends, neighbours will not be accepted as guardians)
 - Parents must have Photo ID
 - Legal Guardians must have Court papers showing legal guardianship.
 - No ID, no competing.

17. Alcohol Maximum Acceptable Limits

Random Breath Testing (RBT) will be conducted on Drivers, Passengers and crew

Drivers:

At time of sign-in: 0.00

At time of burnout: 0.00

Passengers:

At time of sign-in: 0.02

At time of burnout: 0.02

Any driver or passenger failing the above will not be able to take part in that event – no further penalty shall be imposed.