

## **CAR DEMO DERBY GENERAL INFORMATION & REGULATIONS**

### **FOREWORD**

The event is intended to provide safe competition and enjoyment for the participants and spectacular entertainment for the patrons.

All drivers must comply to the rules set.

Your car must make solid contact with another mobile vehicle at least every two minutes **after green flag**. The last car MOBILE may be deemed the winner, PROVIDED that in the opinion of the Stewards and Judges, all rules have been observed. The Stewards and Judges decision is final and no correspondence will be entered into.

Any vehicle which is stationary for any reason for more than two minutes in subject to disqualification, except if the event is stopped temporarily for safety reasons. If given the black flag, a driver must immediately cease driving.

Only the track must be used. The track may be watered before the start of event.

Waivers **MUST** be signed and drivers must be covered by insurance.

### **SALVAGE**

It is the responsibility of each entrant to remove their vehicle and debris from the premises within 24 hours of the event. Any vehicles left on property overnight are at the owners risk. Cars not removed within 24 hours become the property of the Promoters and will be disposed of in any manner they select.

### **CLOTHING**

Overalls must be non-flammable and in good, clean condition, preferably of wool or better and are mandatory. **POLYESTER OR NYLON CLOTHING NOT TO BE WORN.** Protection from neck to ankle to wrist. Covered footwear. Gloves must be worn and must be of wool or better.

### **HELMETS**

Helmets to be current Australian standards (1988) **MINIMUM** and be in good condition and correct size for driver. **Helmets must NOT be removed until entire event is complete.** Helmets must be presented at vehicle inspection.

**EYE PROTECTION MUST BE WORN.** Lenses of spectacles/sunglasses, if worn, and/or helmet visor to be of non-splinterable material.

### **SAFETY AND SIGNALS**

Race control flags must be observed. Flags and signals will be explained at drivers' briefing. Any driver failing to obey these signals, or a direction given by an official will be disqualified. If given the black flag, driver must **IMMEDIATELY** cease taking part in the event. Any driver who deliberately drives into the driver's side door of another car or the roof of an overturned car will be disqualified immediately. **RED FLAG** means immediate stop - do not move at all.

### **INTERPRETATION OF RULES**

All cases of dispute as to the correct interpretation of these rules or changes for safety shall be decided by the Technical Machine Examiner, Steward and/or Promoter, whose decision is final. No prizes will be given to anyone failing to comply with the rules. Cars will be disqualified without notice if rules are not adhered to.



### **PROCEDURE**

Competition is limited to the track proper. Driving off the track is subject to disqualification. A rolling start is required and cars may traverse the track in either direction AFTER THE GREEN FLAG and in a forward or reverse mode.

### **GENERAL**

All drivers MUST attend driver's brief. Drivers are required to be in the pit area adjacent to their cars 30 minutes prior to the event for any final briefing. Any driver failing to attend the briefings or who is thought to be affected by alcohol or drugs will be excluded from the event and the entry fee forfeited.

NO ALCOHOL IS TO BE CONSUMED FOR AT LEAST 24 HOURS PRIOR TO THE EVENT.

The Promoter reserves the right to accept or reject any entry, or to alter the event to suit entries.

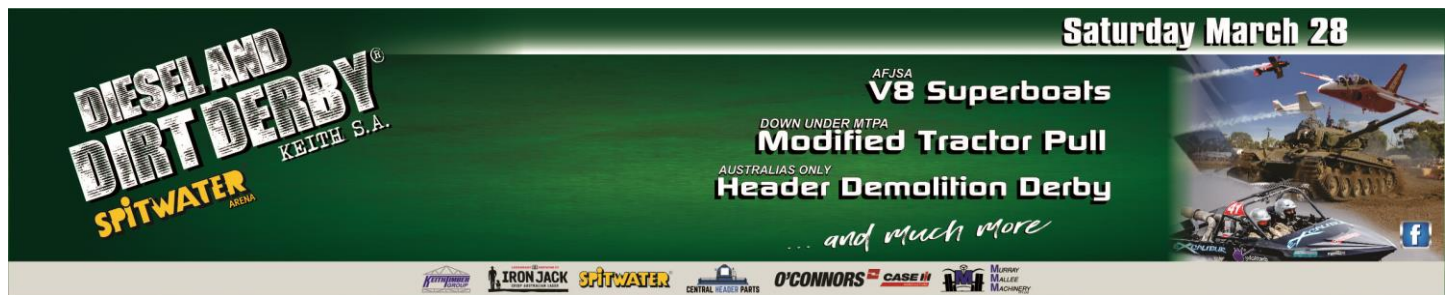
## **DEMO DERBY CAR SPECIFICATIONS**

### **CAR TYPE**

- ❖ Cars must be mono construction and use only original manufacturers equipment (O.E.M.) in its entirety. Utes and Panel Vans permitted
- ❖ No extra weights, reinforcing or cutting of bodies. Also Filling Panels & or Chassis with any material
- ❖ Tow bars and bull bars to be removed
- ❖ All glass to be removed (except dashboard)
- ❖ All interior linings, trim, interior and exterior handles and ornaments must be removed
- ❖ Windscreen mesh to be securely fitted, mesh size to be 75mm X 75mm X 5mm max. wire diameter
- ❖ 6mm steel chain to be used with 10mm bolts
- ❖ Left-hand front door latch to be removed
- ❖ All doors to be chained shut, chain to go twice around door pillars and be bolted using min. 10mm bolts
- ❖ Boots to be chained shut
- ❖ Bonnet to be chained in 3 places, 2 at front and 1 in centre at rear
- ❖ Roof number (fin) min. 300mm X 300mm in contrasting colour
- ❖ No undesirable or obscene writing on cars
- ❖ **Drivers door to be painted in contrasting colour – If door isn't painted, we will paint for you on the night!**
- ❖ Drivers name to be printed clearly on the roof above the driver

### **SEATS & SEATBELTS**

- ❖ A seat incorporating a head rest must be used
- ❖ Seat back to be fixed to horizontal brace in roll-cage
- ❖ Road type regulation lap and shoulder harness securely fixed is a minimum requirement
- ❖ Belts to be in good condition
- ❖ If full race harness is used it must be mounted to bar work



## FUEL SYSTEM

- ❖ Jerry can or boat fuel tank permitted
- ❖ Pick up and breather pipes to enter top of tank
- ❖ Fuel tank to be securely mounted to bar work in left hand back seat area
- ❖ Fuel line to have flexible section close to tank
- ❖ Original fuel tank to be removed
- ❖ A non spill vent is to extend through floor well clear of exhaust pipe
- ❖ A tap is to be fitted in the line within reach of the driver and marked in a contrasting colour

## ELECTRICAL SYSTEM

- ❖ Maximum of two car type batteries only
- ❖ Batteries to be securely mounted to bar work in left-hand front area
- ❖ Batteries to be covered with rubber
- ❖ Effective "Kill Switch" to be mounted (centre front) on roof with all wiring external and neatly tied to window mesh. Kill switch must shut fuel pump off if using EFI

## OTHER MECHANICAL REQUIREMENTS

- ❖ Radiator must be used and fixed to original mounting points
- ❖ Additional radiators or holding tanks not permitted
- ❖ Brakes, steering and wheels to be roadworthy
- ❖ Diff assemblies not to be turned over

## ROLL CAGE AND CONSTRUCTION REQUIREMENTS

- ❖ All barwork min. 38 X 3.2 – max. 50 X 3.2 blackpipe
- ❖ Barwork to be in cabin area only
- ❖ All plates and washers 100 X 100 X 3.2 min. thickness
- ❖ All bolts 12mm. **Must be Grade 8 or better**
- ❖ All plates to have minimum of one bolt through it and no more than two
- ❖ Main roll bar to be one piece and mandrel bent only, not heat formed, no galvanised pipe permitted and to be placed as close as possible to the rear of the drivers seat
- ❖ The bars of the roll cage are to be mounted securely and bolted to the floor pan using 12mm bolts and 100 X 100 X 3.2 washers
- ❖ All joints to be professionally welded
- ❖ Main roll bar to have horizontal brace at approximately shoulder height
- ❖ Two rearward brace only from top of main hoop to a plate bolted in rear. Must not extend past diff location
- ❖ Side intrusion bars on both sides to be bolted to wheel well and extend back to main roll bar at about centre door height
- ❖ Drivers side only to have 3mm steel plate (one piece) attached to door pillars and side intrusion bar using 12mm "U" bolts (no drilling of bar work) or angle iron brackets and bolts. Plate must extend from bottom of door to window opening
- ❖ Padding to be placed on all barwork and protrusions to protect the driver