

Charlton Raceway Inc

Demolition Derby 11th February, 2012

RULES AND SPECIFICATIONS

Enquires: 0434 684557

These rules and regulations must be followed.

Failure to abide by them will result in Exclusion from the event.

- All nominations must be faxed to 0746346082 by 5th February, 2012
- The Charlton Raceway Inc reserves the right to accept/refuse an entry.
- Entry fee for the nominated driver is FREE (ONLY DRIVER)
- Each driver must hold a current Speedway Australia Licence (E Class or above) This can be obtained from Speedway Australia 7 days prior to meeting for \$35 or can be obtained on the night for \$50
- Each derby car must supply a **Flag, Stiff Material** (white or silver)
- The driver must be 18 years of age or older.
- Cars must be at the Charlton Raceway in the pit area between 5pm and 6.30pm for the car to be checked.
- Briefing at 7pm in the pits and all drivers must attend.
- Any evidence of the driver partaking in drugs or alcohol within six hours of the start of the derby will result in the driver and car being disqualified from the derby.
- Any vehicle deemed to be unsafe for the drivers or other competitors maybe disqualified at car check or during the event.
- Helmets, race suits (can be obtained prior to the meeting from the club if needed).
- No nylon clothing to be worn including underwear (boxers) nylon will melt and stick to the skin.
- Only driver will be allowed on the infield of the race track, until after the derby.
- No going outside of the designated area which is marked by witches hats.
- You must be trying to hits cars at all times.
- You must remain in your vehicle, until the derby is complete or until told otherwise, by the clerk of the course.
- Low and reverse gears are only to be used
- Seat belts to be on throughout the derby (no inertia reels – see vehicle modifications)
- No intentional ramming into the driver's door, offenders will be disqualified from winning
- Flags on cars will be used to indicate active vehicles
- When you car is ineffective, stay in your vehicle and pull down your flag. You must pull down your flag if your car has been stationery for more than 45 seconds. No competing with flag down. No hitting of cars which has flag down.
- Winning cars will be re-checked, and can be disqualified
- Cars must vacate the infield on the night, and be out of the grounds by 12pm

DERBY CONTROL

During the derby, **Green light** - start and keep competing.

Red light - stop immediately

Amber flashing light - slow down and look for danger, do not compete.

Be aware of where the clerk of the course is situated, as he will have corresponding flags.

VEHICLE INSPECTIONS

- The only allowable modifications to the car, are those listed in these specifications. If specifications differ from this sheet the entry will be disqualified.
- For any modifications for safety or other than listed, see scrutineer before handing in entry.
- No full chassis vehicles
- All glass interior and exterior door handles, badges, grill, chrome strips and alloy surrounds etc. and all flammable lining have to be removed.
- Mud guards to be standard (not to be cut away)
- Bonnets not to have any holes, except for hold down pins, original bonnet hinges to be used(all with bolts). Front bonnet to be held down with a maximum of 2 pins or tied with wire and chained.
- No tow bars to be fitted and if fitted, to be removed, not just cut off
- Rims to be standard as per maker of vehicle – no wide rims or smaller diameter rims permitted. Tyres can be changed
- Bumper bar to be in original position, only original bumper mounts to be used. Top of bumper bar not to higher than 700mm from the ground
- Radiator to be standard car type, to be used in approximately original position, original heater in heater box maybe left connected. No other radiator type devices to be fitted. Radiator to be filled with water (NO COOLANT) If stop leak additives are needed consult scrutineers.
- Battery must be strapped in, in case of roll over. Only 12v batteries to be used
- 2 x 3 point seatbelts (or 5 point harness) to be used. BOLTED IN – NOT WELDED. NO INERTIA / REEL BELTS
- Vehicles with too much rust may not be allowed to enter
- Correct bar work is required. All vehicles to have a minimum 75mm x 50mm steel bar or equivalent across each front door to behind hips and legs, with 2 x ½ inch bolts through each bar and outside of door or pillar, with 2 pipes 1 behind seat and 1 across the dash. The pipe to be a minimum of 40mm diameter or equivalent between the centre of ends of the 75mm x 50mm bars and door, for the driver to add further protection to hip and leg.
- Absolutely no external reinforcing permitted on any part of vehicle
- A 40mm or larger pipe between door pillars near top of seat, to support rear of seat and to prevent door pillars collapsing.
- A hole of at least 1 inch in diameter must be punched in old fuel tank or tank to be removed.
- Fuel line to be no larger or longer than original fuel line. Only fuel filter fitted is to be no larger than a rycoz14ka. Screw up hose clamps to be used on all fuel line connections.
- Fuel tank must not be any larger than 5 litres
- The devices to create smoke are not permitted. Vehicles must not be excessively smokey
- No spare tyre in vehicle
- All doors and tail gates must be bolted, chained or stitch welded (stitch welding 25mm long at least 300 mm apart. Welding cannot be seamless)
- Motor and diff are not to be changed (Holden motor and diff in Holden etc)
- Accelerator (throttle) must be operated by the right foot
- Gear shift to be operated by hand from upright seat position
- There is to be a 500mm square in plain colour on both the driver and passenger door, for numbers to be painted on. Car numbers will be allocated, when nomination is received. First in best dressed.
- Drivers name to be printed clearly on the roof above the drivers door
- Cars must be at least identifiable and respectable for the public

OPITIONAL MODIFICATIONS

- Mesh maybe fitted securely to the door, windows and windscreens. Driver must be able to exit through the front door, windows or windscreen.
- Rear of bonnet, maybe held down with 2 bolts, no larger than 10 mm. No other hold down pins except as above.
- The only welding allowed to the body and sub frame of the car, is external edge of doors and boot, tailgate and within 150mm of end of bumper bars, original bumper bar mounts may be welded to the sub frame
- Rubber engine and gear box mounts, maybe replaced with steel or chain
- Accelerator, clutch and gear linkages may be changed – but see compulsory specifications above
- Back up throttle maybe fitted
- Suspension can be locked up
- Fan can be removed and 125mm of tin maybe attached to the radiator in front of the fan pulley
- Wiring maybe changed
- Seat can be changed
- Roll bar or Roll cage in addition to required bar work is optional, only black water pipe to be used, not to protrude back past the drivers seat or forward of inside of fire wall
- Modifications maybe permitted to cars with excessive rust or which have been in previous derbies. Modifications to be noted on entry forms. Scrutineers must be contacted before modifications are to be made. Any modifications are not to reinforce car. If the scrutineers opinion the modifications result in the vehicle being stronger than original, the car maybe be disqualified.