

2009

HOT 1600 ROD
REGULATIONS

THIS IS A NON CONTACT FORMULA

- 1) Cars should be prepared and kept in a professional Racing appearance

BASIS:

- 2) Any Front Wheel Drive up to 1600cc Saloons or Hatchbacks under 1300 Kg Gross Vehicle Weight in standard street form may be used, subject to the following conditions:
- 3) Only standard engines allowed up to nominal 1600cc with a maximum 1.5.m/m overbore and a maximum of 2 valves per cylinder.
Pistons must not be machined **But** heads may be skimmed.
Valves, Crank, Flywheel and Camshaft Lift must be **standard**. Balancing allowed by polishing of rods and drilling of flywheel.
Alternators may be removed
Sumps may be baffled.
Inlet and exhaust manifolds are free.
Exhaust must be AX891 Laws, or Simpson ORC 225 type specification...
Air filters are free.
- 4) Only standard carburettor to be used with a maximum 25mm choke size.
No twin carbs, Turbos or Superchargers. No multi fuel injection but original fuel injection cars may be converted to conventional carburetion
Cold start devices may be removed.
Re-jetting is permitted and electric fuel pumps may be fitted.
The original fuel tank must be removed. Replacement fuel tank must be fixed to the N/side rear passenger seat well with a fuel outlet at the top. Maximum capacity of 10 litres with breather pipe out of the top and terminating below the tank.
A shut off tap **must** be fitted within reach of driver and clearly marked and a firewall fixed between driver and tank, fuel pipe to be metal wherever possible.
- 5) Standard gearbox must be fitted. No locked or limited slip diffs. allowed.
- 6) Radiator must be retained in its original position.
Thermostats may be removed. No steam tanks or additional coolers allowed apart from a heater matrix which must be re-located under the bonnet.
- 7) No adjustable or competition springs or shock absorbers permitted. Standard springs may be cut or heated to lower vehicle. A front strut top brace may be fitted.

- 8) A full roll cage or a “H” frame may be used, bolted to the floor and roof. The minimum thickness of the roll cage is 1¼” O/dia 10 s.w.g. (3m/m) tube or 1½” square 10 s.w.g. (3m/m) box sections. Maximum size is 3” box or tube. Joints to be welded not clamped. Cross bar of “H” frame may have load spreading plates, max. size 5” square welded on ends. All “H” frame or roll cage uprights **must** have 100mm. square plate, minimum 3m/m thick welded to bottom and bolted through floor. An additional cross bar at shoulder height must support drivers seat.
A full roll cage **must** have 2 driver door side chicken bars fitted. If a “H” frame is fitted it must be fitted with a door plate **inside** the driver’s door overlapping the A and B posts by a minimum of 2” each end. This plate **must** be a minimum of 10mm thick and a minimum height of 225 mm. A metal upright of 20x20mm. must be fitted into the windscreen aperture one third of the way from the driver’s side. Roll cages **must not** be made of any aluminium.
- 9) Remove all glass and interior trim apart from driver’s seat and harness.
Tow bars **must** be removed
Standard grilles **must** be kept, no replacement/home made grilles.
All panels **must** remain as standard in steel. Doors, bonnets and boots **must** be secured shut by bolting or in the case of doors, tack welded.
A hole may be cut in bonnet by carb.
A rear view mirror to be fitted with glass taped.
Triangular corner plates may be fitted between the wing top and scuttle.
All light apertures **must** be filled in with maximum 1mm thick steel and maximum overlap 25mm.
Sun roof apertures **must** be plated over.
Standard bumpers only as fitted to model or the bumpers may be removed.
No welding or strengthening.
All holes in bulkhead **must** be covered to give firewall.
- 10) Battery may be moved to front passenger seat area.
Batteries **must** be secure and covered with an insulated leak proof material.
A battery isolator switch **must** be fitted to rear n/side of car in earth circuit and marked ON/OFF.
Two brake lights **must** be fitted in the rear window and only operated by brake pedal.
- 11) Brakes **must** remain as manufactured and working on all four wheels.
Handbrake **must** be in working order
- 12) Wheels and tyres must be the same on an axle. Only 13” or 14” diameter wheels may be used maximum width 6J.
Only conventional road tyres permitted. NO Avon 7.3’s, Avon Turbospeed, Yokohamas, Colways (except road remoulds), Knobbles or Slicks.
Maximum width 185, lowest profile 60.
- 13) The driver’s seat **must** be secured and fitted with a head restraint/back support. Seat must be fixed at shoulder height to roll bar and bolted to floor.
A full safety harness **must** be used and anchored at 4 separate points.
All drivers must wear gloves and are advised to wear a neck brace and a fire retardant balaclava.
- 14) Driver’s window net **must** be fitted, made of cloth and quick release.

All drivers **must** wear fire retardant overalls and type “A”/Approved helmet with visor or goggles.

- 15) A fire extinguisher minimum size 1kg with a sight gauge **must** be fitted within easy reach of driver when belted in

Racing numbers **must** be clearly displayed on both sides of the white roof fin with black figures 9” high x 1” wide

Roofs **must** be clearly painted to identify driver’s grade colour.

Drivers name to be displayed on a 150mm deep panel, fitted across head of front screen aperture.