

2009  
GRIMLEY 2 litre ROD  
REGULATIONS

THIS IS A NON CONTACT FORMULA

- 1) Cars should be prepared and kept in a very smart professional appearance.
- 2) **BASIS-** Any rear wheel drive Ford Sierra or BMW E30 or E36 saloon fitted with Pinto engine and gear box, with standard Pinto engine mountings on the centre line of the front cross member. These vehicles must also keep their own standard steering and suspension fitted in original position. However, springs may be replaced/alterd to allow lowering. Nearside front lower suspension arm and steering rack arm may be lengthened. Diffs. may be locked or left open, must be complete with doors, bumpers, bonnet and boot. Any driver wishing to race a different model of car must obtain consent from the promoter/committee first. The minimum length of race car is to be 4 metres. New models must use 13" wheels and Yokohamas if possible. If bigger wheels are used, only recognised conventional road tyres are allowed. Wheel arches and side skirts may be fitted.
- 3) Engines must be Ford Pinto 1600, 1800 or 2000 with a max 60 tho over bore. Block may be skimmed but the pistons may not protrude above the block. Pistons, con rods and Crankshaft **must** be standard with only balancing allowed. Camshafts, Vernier Cam wheels and rockers are free with the exception of roller rockers. Heads **must** be standard with single valve springs, valve and valve spring seats may be machined. Valve guides and spring caps are free. Skimming of cylinder head allowed. Flywheel and clutch **must** be standard.  
Flywheels may be lightened and balanced, but if so, must be dowelled to the crank. Only Standard Distributors with points or electronic allowed. Oil coolers and sump guards are allowed. Only standard steel sumps with baffles allowed, but pick up pipes may be altered.
- 4) Suitable exhaust manifold **must** be retained; silencers must be AX191 Laws, or Simpson ORC225 type specification.
- 5) Carburettor **may** be a single 32/36 Weber or Ford 2.8. Internal Carb Modifications allowed including modification of chokes to open together. No mods to inlet manifold.
- 6) Gearbox **must** be Pinto derived. Rear axle **must** be standard to car but you may lock the diff and use alternative ratios. Diff. position must not be altered.
- 7) Plastic bumpers and spoilers may be retained but **must** have additional fixings (not strengtheners) to prevent accidental damage knocking them off.

- 8) A full roll cage **must** be fitted, constructed from minimum **32mm x 32mm x 3mm** thick box or tube having a minimum of **4** and a max of **6** down bars. One down bar positioned to protect drivers side front screen pillar, all down bars to terminate with **100mm x 100mm x 3mm** plate securely bolted or welded to floor plan. One horizontal bar must be fitted between rear hoop vertical bars to support driver's seat. Roll cage may be extended to support front and rear turrets. Any supporting bar work must be terminated 100mm short of rear panel. Driver's side **must** be fitted with 2 chicken bars constructed from same material as roll cage. A metal upright of 20 x 20mm **must** be fitted into the windscreen aperture, one third of the way from the driver's side.
- 9) All doors **must** be securely fastened shut by bolting or welding except driver's door, which **may** be retained as opening.
- 10) The removal of structural stiffeners is permitted on boot and bonnet only. **Not on doors.** All components **must** be stock as originally fitted, but fabricated doors and rear panels are allowed.
- 11) Bonnets **must** be allowed to open and must have an **8" x 8"** cut into bonnet near to carburettor.
- 12) Boots **must** be allowed to open, but **must** be fixed closed when racing.
- 13) **FOR SIERRAS ONLY:** Suspension to be fitted as original- **not adjustable.** Springs are free and the car may be lowered. Negative camber on N/side front and positive camber on O/side front is allowed. Uprated dampers may be used. Front strut brace is allowed. The LEDA suspension leg is permitted. Steering Racks **may** be replaced with quick racks and the nearside arm **may be lengthened, and O/side arm may be shortened.** Anti-roll bars may be altered. Spring top mounting plates can be modified.
- 14) Brakes **must** be fitted; working on all four wheels. Hand brake **must** be fitted and in working order or single centred strip light.
- 15) Two rear lamps (RED) **must** be fitted in rear window, to be fixed to braking system and working. You may fix them to parcel shelf.
- 16) Fuel tanks to be removed and replaced with **MAXIMUM** of 2 gallons made of metal fitted in rear of car no further back than centre of rear suspension turrets with a 2" hole by side of tank floor to allow any fuel spillage to seep away. All fuel pipes **must** be made of metal with a cut off tap close to the driver and **must** be securely fixed to the car and marked in the right manner. Short non metallic hose and clips for joints only. Fuel outlet must be from top of tank .Vent/anti-spill pipe must come from top of tank and terminate below bottom of tank.
- 17) Batteries may be left under bonnet but if batteries are moved into the car it **must** be put into a metal box covered with rubber to prevent shorts and spillages of acid, and at least 6" from fuel tank.
- 18) A clearly marked battery isolation switch **must** be fitted on N/side rear outside quarter panel in earth line.
- 19) Light apertures may only be plated, not the grill area. No welding on front of the car. Light apertures **must** be pop riveted.
- 20) Front bumpers **must** be plastic, proprietary fabricated steel rear bumpers may be used.
- 21) Radiators **must** remain in original position.
- 22) All internal trim, passenger seats, windows, lights, wheel balance weights/trims, tow balls and fittings, any loose items, external trim and wing

- mirrors **must** be removed. All broken glass, inflammable items, surplus wiring etc **must** be cleared from inside the car prior to arrival at the circuit.
- 23) Drivers seat may remain as standard but a **racng seat is highly recommended**. If standard is used, there **must** be a support bar/head restraint fitted behind the driver's seat. Seat must be fixed at shoulder height to roll-bar and bolted to floor.
  - 24) Wheels may be replaced with alloy type but **must** be of correct fit and fitted with proper wheel nuts, max 7" width, steel or alloy, max tyre size 185 wide. Tyres **are free**.
  - 25) A full shoulder harness, properly constructed, **must** be fitted and fixed in at least **four (4) separate locations** to secure anchorage points low down and separate to the seat fixings.
  - 26) Numbers **must** be on a roof fin, black numbers on a white background on both sides. The fin **must** be 12" x 12" square and numbers 9" x 1". **A number not legible will not be counted in the race**.
  - 27) Driver's name to be displayed on a 150mm wide panel fitted across head of front screen aperture.
  - 28) A fire extinguisher **must** be at least 1kg (2lb) dry powder or gas and **must** have a means of indicating condition and **must** be fixed in reach of the driver and **must** be clipped, not taped.
  - 29) All drivers **must** wear **fire retardant** overalls when racing and a **Class A** helmet with visor or goggles.
  - 30) Roof **must** be clearly painted to identify driver's grade colour.
  - 31) A driver's window net **must** be fitted, made of cloth and quick release.
  - 32) All drivers must wear gloves are advised to wear a neck brace and a fire retardant balaclava.
  - 33) A rear view mirror **must** be fitted with the glass taped.
  - 34) After market gear sticks may be used.