

Classic Car Section



WPMC HISTORIC CARS TECHNICAL RULES Pre-1990

2017

These Historic Cars shall be defined as production type cars raced, registered or produced prior to 31 December 1989 and dated back to 1 January 1980. These cars and any derivative thereof must have been out of production for at least 20 years after this cut-off date pre-1990.

The Classic Car Non-Technical Rules will be applicable to this Pre-90 Class.

No Class S will be allowed in the Pre-90 Class. The balance of classes remains the same (Class A to Class F).

All cars to have an HTP document as prescribed by the HMC under MSA.

Technical Specifications – Historic Touring cars Pre-1990

1. General Technical Specifications

- 1.1 The WPMC Historic Cars Pre-1990 Club Championship is an Invitational Series open to cars that fit the general category Touring Cars (2-door and 4-door).
- 1.2 Historic Touring Cars Pre-1990 is production cars marketed before 31st December 1989.
- 1.3 Vehicles may be brought up to any series production specifications for that model prior to 31st December 1990.
- 1.4 Only period (pre 31 December 1989) type modifications will be permitted unless otherwise stated. Any modifications must be proven to be in this period as stated.
- 1.5 Competitors registering in this Championship do so in the full knowledge and acceptance of these regulations.
- 1.6 Nuts, bolts, washers and locking devices are free.
- 1.7 Vehicles must be fitted with at least one internal mounted and one externally mounted rear view mirror.
- 1.8 All vehicles shall be fitted with the minimum of a MSA specified 6 point roll cage and seatbelts that comply with current MSA specifications. The roll cage must remain within front and rear suspension mounts.

- 1.9 All cars will be fitted with an electrical cut-out switch that is able to be operated from both inside and outside the vehicle.
- 1.10 Tow hooks must be added on the front and rear of the car and are to be clearly marked.
- 1.11 The responsibility to prove eligibility is that of the entrant at all times.

2. Chassis:

- 2.1 Chassis and chassis members must remain as originally manufactured and lightening or reducing of chassis or chassis members strength is prohibited.
- 2.2 Addition of material to strengthen the chassis and seam welding is permitted.
- 2.3 Steering wheels and steering columns are free.
- 2.4 Foot controls and their linkages are free except that the foot-operated surface of the brake pedal must be located no more than 100 mm forward or rearward of the original production position.

3. Bodywork:

- 3.1 Bodywork must be complete and standard in shape and silhouette, material and thickness on all exterior surfaces. Plan and profile to remain. Where original materials are unobtainable, local repairs of adequate strength may be made using non-original material. Replacement of panels with non-original material is limited to the bonnet and boot lid. The removal of exterior decorative strips and bumpers is permitted. Reworking or modification to exterior bodywork is prohibited but any part of the arch/wing pressing folded into the wheel arch may be deformed, to give clearance to the tyres.
- 3.2 Strengthening is permitted.
- 3.3 Interior: These regulations require the retention of the dashboard, all interior door and rear quarter trim. Door panels may be replaced by aluminium. In the cabin, floor carpets, under felt, sound deadening, headlining, front and rear parcel shelves, centre consoles, the front passenger and rear seats and trim in the boot/luggage compartment may be removed.
 - a) Instrumentation is free although the original dashboard must remain.
 - b) All windows are free
 - c) Driver's seat is free subject to MSA requirements and the driver must be located entirely to the one side of the centre line of the car.
 - d) Heaters and interior ventilation systems may be removed.

- 3.4 The original boot and bonnet fasteners may be removed. The bonnet and boot shut lines must be as in production.
- 3.5 No holes may be cut into front and rear valances, and no valances may be removed.
- 3.6 No holes or air scoops may be cut into bonnets, or into any other part of the bodywork.

4. Engine:

- 4.1 The engine must be located in the original position.
- 4.2 The original standard production cylinder block for the model must be used.
- 4.3 The cylinder head(s) must be the standard production component or an alternative manufactured by the same manufacturer as the original production component of that era. The number of valves must remain the same as the original head for the model / type.
- 4.4 The crankshaft is free.
- 4.5 Camshafts, camshaft bearings and drive systems are free, provided that they remain in their original positions and remain the sole means of operating the valves.
- 4.6 Induction: Only the original type of induction must be used. Carburettors are free.
- 4.7 Radiators are free but must remain in their original location.
- 4.8 Oil coolers and additional water radiators are permitted provided they are located within the periphery of the bodywork.
- 4.9 The exhaust system is free subject to MSA requirements as regards decibel levels.
- 4.10 The distributor may be fitted with an after-market spark triggering device but the distributor must remain in its original position and must maintain its original function. Any additional system which processes information acquired from the ambient conditions and / or the engine is not permitted. The distributor must be the only means of determining ignition advance and retard and must continue to distribute the high tension spark. The firing order must not be changed. The remainder of the ignition system is free.
- 4.11 Forced induction is not permitted unless either fitted in production or homologated. Boost pressure may not be adjustable from within the cabin. Only period components may be used. Boost Pressure limited to a maximum of 100 kPa or 1 Bar above atmospheric pressure.

4.12 Inlet and exhaust manifolds are free.

4.13 It is permissible to remove metal from original cylinder blocks and heads.

4.14 Fuel pumps and fuel tanks are free subject to MSA requirements.

4.15 All other engine components are free. Engine capacity may be increased within the confines of the original engine block.

4.16 Water coolant to be circulated via a pulley driven pump.

5. Suspension:

5.1 Suspension springs are free except for maintaining type (coil, leaf, torsion) and no more than the original number are employed. Spring caps are free and spring platforms may be adjustable.

5.2 Suspension type must remain unaltered. Macpherson Strut top mounts are free. The original suspension mounting points are to be used but additional points may be added.

5.3 Dampers are free.

5.4 Anti-roll bars and their mountings and shape and material are free. These can be added as a permitted modification.

5.5 Suspension bushes are free.

6. Transmission:

6.1 The gearbox must remain in the original position. Vehicles must use an original production type of gearbox with the same number of forward and reverse gears.

6.2 Gear ratios and type are free but gearboxes and transaxles with rapidly interchangeable ratios or proprietary racing gearboxes are prohibited.

6.3 The rear axle must remain in the original position.

6.4 The rear axle casing is free.

6.5 The final drive ratio is free.

6.6 Mechanical limited slip or torque biasing differentials are permitted.

6.7 Sequential gearboxes and/or traction control devices are prohibited.

7. Electrical

- 7.1 Electrical equipment is free provided that a battery and starter are fitted and in full working order at all times.
- 7.2 Headlights, indicator lights, tail lights and stop lights must be fitted.

8. Brakes:

- 8.1 Brake systems are free save that carbon brake systems are prohibited. Ducting for the purpose of cooling brakes or removing dust is permitted provided it is not visible outside the car and serves no other purpose. Modification or removal of brake back plates is permitted.
- 8.2 Brake lights must be operational and operated only by the brake pedal without a delay or other switching device.

9. Wheels and Tires:

- 9.1 Wheels must fit in body work as per Section 3.
- 9.2 Any period style wheel rim that has a diameter within one inch either side of what was fitted as original equipment may be used. (Soft line wheel rims are specifically excluded).
- 9.3 Tyres: DOT approved or **Production** type. **Tyres must have a grooved pattern**. Full Slicks and **Cut-slicks** are prohibited.