



1: SPORTING REGULATIONS - GENERAL

1.1: TITLE & JURISDICTION:

The **HOT HATCH SERIES** is organised and administered by the 750 Motor Club Ltd in accordance with the General Regulations of the Royal Automobile Club Motor Sports Association (incorporating the provisions of the International Sporting Code of the FIA) and these Series Regulations.

1. **MSA Series Permit No: RS2016/023**
2. **MSA Series Grade: D.**
3. **Race Status: Clubmans / National B.**

1.2: OFFICIALS:

1. **Co-Ordinator:** G.Groombridge, The Conservatory Suite, Donington Park, Castle Donington, Derbyshire, DE74 2RP

☎ 01332 814548; ✉ giles@750mc.co.uk.

2. **Eligibility Scrutineer:** R.Blackmore

3. **Series Stewards:**

R.Knight H. Holder I.Sowman

1.3: COMPETITOR ELIGIBILITY:

1. Entrants must:
 - (a) be fully paid up valid membership card holding members of the 750 Motor Club and
 - (b) be Registered for the Series and
 - (c) be in possession of a valid MSA Entrants Licences.
2. Drivers and Entrant/Drivers must:
 - (a) Be current Members of the 750 Motor Club and
 - (b) be Registered for the Series and
 - (c) be in possession of valid Competition (Racing) National B Licence, as a minimum
 - (d) A professional driver, in possession of a valid Licence (featuring an E.U. flag) and medical, issued by the ASN of a member country of the European Union, or comparable country. ((H)26.2.1. applies)
 - (e) If participation in the Series requires absence from education a driver, in full time school education is required to have the approval of their head teacher and a letter stating such approval from their school in order to fulfil registration for the Series. A driver shall not take time out of their education to participate in motor sport without the prior written approval of their education establishment.
3. All necessary documentation must be presented for checking at all rounds when signing-on.

1.4: REGISTRATION:

1. All competitors must register for the Series by returning the Registration Form with the Registration Fee to the Coordinator prior to the Final Closing date for the first round being entered.
2. The Registration Fee is £75 payable upon registration.
3. Registration numbers will be the permanent Competition number for the Series.

1.5: SERIES ROUNDS:

The **HOT HATCH SERIES** will be contested over the following rounds:

| Date | Circuit | Round/s |
|--------------|-----------------|---------|
| 19/20 March | Donington Nat | 2 |
| 7 May | Silverstone Nat | 2 |
| 12 June | Mallory Park | 2 |
| 25/26 June | Snetterton 300 | 2 |
| 6/7 August | Cadwell Park | 2 |
| 11 September | Rockingham | 2 |
| 1/2 October | Donington GP | 2 |

1.6: SCORING:

Being a non-championship series of races, no points are awarded.

1.7: AWARDS:

1. All awards are to be provided by the Organising Club unless agreed otherwise.
2. Per Round: Trophies to 1st, 2nd and 3rd in each class.

3. Presentations: Garlands for the overall winners and Trophies are to be provided for presentation at the end of each race.
4. Entertainment Tax Liability. Not applicable.
5. Title to all Trophies: In the event of any Provisional Results being revised after any provisional presentations and such revisions affecting the distribution of any awards the Competitors concerned must return such awards to the 750 Motor Club Competitions Secretary in good condition within 7 days.

2: SERIES EVENT MEETINGS & RACE PROCEDURES

1. ENTRIES:

1. Competitors are responsible for sending in correct and complete entries with the correct entry fee prior to the closing date for entries before each event.
2. Incorrect or incomplete entries (Including Driver to be Nominated Entries) are to be held in abeyance until they are complete and correct and the date of receipt for acceptance of entry purposes shall be the date on which the Meeting Organiser receives the missing or corrected information or fee.
3. Any withdrawal of Entry or Driver/Car changes made after acceptance of any entry must be notified to the Meeting Organisers in writing. D25.1.12. applies.
4. The Entry Fee for each event shall be specified in the SRs and on the entry form.
5. Reserves will be listed in the Final List of Entries published with Final Instructions or in a Bulletin.

2. **BRIEFINGS:** Organisers should notify Competitors of the times and locations for all briefings in the Final Instructions for the meetings. Competitors must attend all briefings.

3. QUALIFICATION PRACTICE:

1. Should any Practice session be disrupted the Clerk of the Course shall not be obliged to resume or re-run the session; the decision of the Clerk of the Course shall be final.
2. Each driver shall complete a minimum of 3 laps in the car to be raced, and in the correct session, in order to qualify (MSA Regulations Q4.5).

4. **RACES:** Should any race be disrupted the Clerk of the Course shall not be obliged to resume or rerun the race ((Q)5.4.) (1.6.4. above applies)

5. STARTS:

1. All cars will be released to form up on the grid prior to the start in formation as specified on the grid sheet.
2. The start will be via Standing start. The minimum Countdown procedures/audible warnings sequence shall be:-
 - I. 1 minute to start of Green Flag/Pace Lap - Start Engines/Clear Grid.
 - II. 30 Seconds - Visible and audible warning for start of Green Flag/Pace Lap.
 - III. A five second board will be used to indicate that the grid is complete.
 - IV. The red lights will be switched on five seconds after the board is withdrawn.
3. Any car removed from the grid after the 1 minute stage or driven into the pits on the Green Flag lap shall be held in the pitlane and may start the race after the last car has passed the startline or pitlane exit, whichever is the later to take the start from the grid.
4. Any driver unable to start the Green Flag/Pace lap or start are required to indicate their situation as per MSA Regulation (Q)12.13.2. In addition any driver unable to maintain grid positions on the Green Flag Lap, to the extent that ALL other cars are ahead of them, may complete the Green Flag lap but MUST remain at the rear of the last row of the grid but ahead of any cars to be started with a time delay.
5. In the event of any starting lights failure the Starter will revert to use of the National Flag.

6. **SESSION RED FLAG:** Should the need arise to stop any race or



practice, RED LIGHTS will be switched on at the Startline and RED FLAGS will be displayed at the Startline and at all Marshals Signalling Points around the Circuit. This is the signal for all drivers to cease circulating at racing speeds, to slow to a safe and reasonable pace and to return to the pit lane, during practice, and to the starting grid area, during a race, unless otherwise directed by officials. Cars may not enter the Pits unless directed to do so. Work on cars already in the Pits must cease when a race is stopped.

7. PITS, PADDOCK & PITLANE SAFETY:

- 1 Pits & Paddock: Competitors must ensure that the MSA, Circuit Management and Organising Club Safety Regulations are complied with at all times.
2. Pitlane: The outer lane or lanes are to be kept unobstructed to allow safe passage of cars at all times. The onus shall be on all Drivers to take all due care and respect the pit lane speed limits.
3. Refuelling: May only be carried out in accordance with the MSA General Regulations, the Organising Club Regulations, Circuit Management Regulations and the SRs or Final Instructions issued for each Circuit/Meeting.
4. Speed Limit: Pit Lane Speed Limit will be 60 km/h.

8. RACE FINISHES: After taking the Chequered Flag drivers are required to:

- I. progressively and safely slow down
- II. remain behind any competitors ahead of them,
- III. return to the Pit Lane Entrance/Paddock Entrance as instructed,
- IV. comply with any directions given by Marshals or Officials
- V. keep their helmets on and harnesses done up while on the circuit or in the pitlane.

9. RESULTS: All Practice Timesheets, Grids, Race Results are to be deemed Provisional until all vehicles are released by Scrutineers after Post Practice/Race Scrutineering and/or after completion of any Judicial or Technical Procedures. (MSA regulation (D)26.3.)

10. TIMING MODULES: The 750 Motor Club utilises AMB transponder-based timing and competitors must have a compatible transponder fitted and working and advise the race organisers of its number prior to the event. The transponder is a TRANX 260 Direct Powered and is available from HS Sports Ltd – 01260 275708.

11. QUALIFICATION RACES: If any event is oversubscribed the Organising Club may at their discretion run Qualification Races.

12. OPERATION OF SAFETY CAR: As Q4.9.1

13. ONBOARD CAMERAS: {deleted}

3: SPECIFIC SERIES REGULATIONS

4: SPECIFIC SERIES PENALTIES:

In accordance with Section C of the current MSA Yearbook

4.1: INFRINGEMENT OF TECHNICAL REGULATIONS:

1. Arising from post practice Scrutineering or Judicial Action: Minimum Penalty: The provisions of MSA Regulations: C3.3.
2. Arising from post race Scrutineering or Judicial Action: Minimum Penalty: The provisions of MSA Regulations: C3.5.1 (a) and (b).

For infringements deemed to be of a more serious nature the Clerk of the Course will invoke the provisions of Regulation C3.5.1 (c).

4.2: ADDITIONAL SPECIFIC SERIES PENALTIES:

5: TECHNICAL REGULATIONS

5.1: INTRODUCTION:

The following Technical Regulations are set out in accordance with the MSA specified format and it should be clearly understood that if the following texts do not clearly specify that you can do it, you must work on the principle that you cannot. The fact that some modifications are mentioned as prohibited does not imply that others are allowed.

STANDARD: The word 'standard' used within these technical regulations as a description of components is to be interpreted as per 'Standard Part' defined in **Section B – Nomenclature & definitions** in the MSA Blue Book. Checking will be by comparison to spare parts supplied by the manufacturer's official agent or by any other means necessary to ensure compliance. It applies to the specified component/s from the manufacturer's parts list for the model / engine shown on the entry form or registration form. No modifications permitted beyond the repair or adjustment processes specifically specified by the manufacturers' workshop manual or microfiche.' Checking will be by comparison to spare parts supplied by the manufacturer's official agent or by any other means necessary to ensure compliance.

5.2: GENERAL DESCRIPTION:

The **750 Motor Club Hot Hatch Series** is designed to offer competitors a great deal of freedom in tuning a production based car whilst at the same time providing a framework that keeps cars competitive and cost effective. **The class structure will be organised on a bhp (at the flywheel) per ton basis as follows, where the vehicle weight is inclusive of the driver:**

| Class | Definition |
|-------|------------|
| A | 260bhp/ton |
| B | 200bhp/ton |
| C | 150bhp/ton |

Forced Induction engines are not permitted. Four Wheel Drive is not permitted.

Drivers may be required to have their engine and ECU sealed and take their vehicle (at their own expense) to one of the Series designated rolling roads (including the 750 Motor Club mobile MAHA dyno) where the car will be power tested in order to assess whether it is within the correct class limit. The designated rolling road centres for the Series will all use MAHA equipment.

A list of approved locations can be found in Appendix 2 to these regulations.

5.3: SAFETY REQUIREMENTS:

Cars must comply with the relevant sections of MSA Regulations K. Roll cages must be as per MSA blue book section K1. Driver and passenger door bars are mandatory.

5.4: GENERAL TECHNICAL REQUIREMENTS & EXCEPTIONS:

All cars must comply with the requirements of sections J and Q19. of the current MSA Yearbook. All vehicles must be of sound construction and mechanical condition and be well maintained.

5.5: ACCEPTABLE CARS:

Any series production hatchback that has been sold in the UK. Non hatchbacks may be considered at the organiser's discretion.

5.6: BODYWORK:

1. Modifications Permitted:

1. General: Mandatory fitment of laminated windscreen. All other windows (not sunroof) may be replaced with Lexan. The addition of colourless safety film to the glass is permitted.

2. Interior: Driver's seat must be replaced with a competition seat fitted in accordance with K2.2. Passenger seat, floor coverings, roof lining, radio/stereo units speakers and associated wiring may be



removed. Tools must be removed. Spare wheels must be removed. Additional and/or replacement instruments are permitted; replacements must occupy the position of the original. Steering wheel may be changed. Airbags must be removed. Glass sunroofs must be removed or replaced as per MSA regulation Q19.14.6. Electric window winding mechanisms may be replaced by a manual window winding mechanisms, all weather strips/channels must be retained. It is permitted to remove the standard heating, air conditioning and ventilation system. If the standard heating system is removed then a windscreen demisting solution must be installed. An interior rear view mirror must be fitted to the left of the driver (or right if the car is left hand drive). Interior door panels may be removed, central locking and manual interior door lock switches must be disabled.

3. Exterior: Wing mirrors are free. The standard engine bay cover locking mechanism must be disabled; only bonnet pins may be used to secure the engine bay cover in the closed position. Replacement body panels must be of original shape but may be of a different material and thickness. In Class A front and rear lips to the bumpers are free, and aftermarket sideskirts may be fitted. In Class B a single canard may be fitted either side of the front bumper.

4. Silhouette: No alterations to standard with the exception of a front splitter as shown in Appendix 1. Additional aerodynamic devices are not permitted

5. Ground Clearance: It is permitted to alter the ride height. Under no circumstance can any part of the bodywork, or of the suspended part of the car excluding the exhaust system, be below a horizontal plane passing 50mm above the ground, the car being in normal racing trim with the driver aboard. A gauge of 50mm may be used by Scrutineers before or after races or practice to check the ground clearance; the vehicle may be stationary or moving during any testing.

2. Modifications Prohibited:

All Classes:

- 1. General:** The exterior of the car must be standard for the model being raced.
- 2. Interior.** A full width dashboard must be used.
- 3. Exterior:** It is not permitted to increase the width of the wheel arch by the addition of material to, or the deformation of, the outside or inside of the wheel arch. Bonnet must remain in the normal position and, when closed, must not have any non-standard gaps at any of their edges. Fitment of tape, sealant or addition of any material of any type to close body gaps (e.g. bonnet to wing) is prohibited.
- 4. Silhouette:** Any in contravention of 5.6.1.4.
- 5. Ground Clearance:** Any in contravention of 5.6.1.5.

5.7: ENGINE:

Any production engine originally produced by the manufacturer in question.

1. Modifications Permitted: Modifications to head and block are free, but must be based on original standard parts. Crankshaft, connecting rods, pistons, valves, camshafts and manifolds are all free. Cylinder capacity may be increased or decreased by modifying cylinder bore and/or piston stroke.

2. Modifications Prohibited: Engine power at the flywheel (in bhp) must be declared at the time of registration. The organisers reserve the right to power test any vehicle on a portable dyno / rolling road under parc fermé conditions after a race or qualifying session. Failure to comply will result in exclusion.

3. Location: Engines must retain their original position and orientation within the car.

4. Oil/Water cooling: Water radiators are free in terms of number, location and capacity. Engine and gearbox oil coolers are permitted and are free. Additional ducting is permitted. Sump type and material is free. Oil control systems (such as an accumulator sump) are also permitted.

5. Induction Systems: Induction systems are free. The crankcase breather must recirculate or vent directly to a catch tank.

6. Exhaust systems: Exhaust systems are free but must comply with MSA regulations J 5.16.1 – 5.16.5.

7. Ignition systems: Ignition systems are free. Engine management systems (ECUs) are free, provided that they do not provide any kind of traction control.

8. Fuel delivery systems: Fuel delivery systems including pumps, injectors, filters and tanks are free subject to meeting MSA safety requirements.

5.8: SUSPENSION:

Suspension is free, but must use the original pick-up points which may not be modified. Dampers and springs are free. It must not be possible for the driver to make any changes to the suspension geometry whilst seated in the cockpit. Electronically adjustable suspension systems are not permitted. The wheelbase and track may be modified by using bolt on hub extensions or wheel offsets. Wheels must remain within the bodywork.

5.9: TRANSMISSIONS:

Class A: Gearboxes and Differentials are free.

Class B:

1. Permitted modifications: Aftermarket gear kits are permitted. Differentials are free but may not be electronically controlled.

2. Prohibited modifications: Fully sequential gearboxes are not permitted.

3. Transmissions & Drive ratios: The use of any aftermarket electronic traction control device is prohibited. Gearbox and final drive ratios are free.

Class C:

Gearboxes must be a standard production unit and remain in their original location and orientation within the vehicle

1. Permitted modifications: N/A

2. Prohibited modifications: Limited slip differentials are not permitted unless fitted as standard.

3. Transmissions & Drive ratios: The use of any aftermarket electronic traction control device is prohibited. Gearbox and final drive ratios must remain as standard for the model being raced.

5.10: ELECTRICS

1. Exterior Lighting: All cars must be fitted with two rear brake lights which must be fully functional at all times, all other exterior lights are optional with the exception of 5.10:2

2. Rear Warning Light: An LED rear fog light to EU regulation 7, an FIA homologated LED rear warning light, or an LED stop light to EU regulation 38 is mandatory and must be mounted in accordance with MSA regulations. Non integral rear fog lights may be removed. Integral rear fog lights must be rendered inoperative.

3. Batteries: There are no restrictions on type or location of batteries, subject to MSA regulations. A battery and electric starter motor must be fitted and be capable of repetitive starts. No external (slave) batteries may be used

4. Generators: A fully working alternator and pulley must be fitted and electrically connected so that the standard battery charging function is providing a charge to the onboard battery.

5.11: BRAKES

Class A & B:

1. Permitted Modifications: Brake callipers, disks and pads are free. Deformation or removal of back plates is permitted. Fitting of alternative brake piping/hosing is permitted. Brake bias valves are permitted. ABS where fitted as standard may be disabled or removed. Cars not originally fitted with ABS may be retrofitted with the ABS system from the same model only.

2. Prohibited Modifications: Carbon discs are not permitted.

Class C:

1. Permitted Modifications: Deformation or removal of back plates. Additional ducting within the overall periphery of the bodywork. Fitting of alternative brake piping/hosing and permitted, use of a brake bias valve is permitted. ABS if fitted must be disabled.



Discs may be replaced by 'non-genuine' parts of standard dimensions, discs may be cross-drilled or grooved. Brake pads are free.

2. Prohibited Modifications

Brake callipers must be standard for the model being raced.

5.12: WHEELS / STEERING

Steering rack is free and may be either powered or manual. If fitted with a steering lock, this should be rendered inoperative, unless the vehicle is driven to the circuit on the highway.

1. Permitted Options: Wheels may be steel or alloy only.

2. Prohibited Options: Magnesium wheels are not permitted

3. Construction & Materials: As above.

4. Dimensions: Wheel Diameter must be no greater than 18." Wheel width must be no greater than 9". Offset is free.

5.13: TYRES

Any MSA List 1A, 1B or 1C tyre is permitted. Diameter, width and aspect ratio are free. No alteration to the tyre from the manufacturer's specification is permitted. Re-cutting, re-grooving or in any other way modifying the tread pattern is not permitted. All the manufacturer's data must be clearly visible. Buffing of sidewalls to remove data is prohibited. Tyres must be to MoT requirements in every respect. The use of tyre heating/heat retention devices, tyre treatments and compounds is prohibited.

5.14: VEHICLE WEIGHT:

Vehicle weight must be declared at the time of registration. There is a minimum vehicle weight of 750kg in all classes.

5.15: FUEL TANK / FUEL

1. Types: Free. A non-return valve must be incorporated in the vent system.

2. Locations: If present, the standard fuel tank must be in standard position. The location of aftermarket tanks is free subject to meeting MSA safety criteria. **3. Fuel:** Only petrol as defined in **Section B Nomenclature & Definitions, Pump Fuel a)** section of the MSA Yearbook for the current year and complying with BS4040, BSEN228 or BS7800 may be used; fuel which exceeds the stated RON (max) levels in Appendix 1 of **Section B Nomenclature & Definitions** is prohibited even if it is sold/promoted as being legal for UK Competition and/or obtainable from 'roadside' pumps. The use of additives by competitors which boost the octane rating (RON) in any petrol is prohibited. At the end of practice and the race at least 3 litres of petrol from the tank of the competing car must be available to the scrutineers for analysis. Compliance with minimum weight for the car will be taken before the petrol is removed.

5.16: SILENCING:

All vehicles must comply with the relevant maximum noise limits set out in **MSA Blue Book regulation J. Chart 5.18.**

5.17: NUMBERS & SERIES DECALS

1. Positions: Race numbers must be displayed on each side of the vehicle alongside the cockpit/driver and as far forward on the front of the vehicle as possible. 750 Motor Club decals must be affixed prominently near all number backgrounds. Cars will also be required to carry 750 Motor Club Roadsports series decals on front & rear number plates in the normal number plate position. Sponsor's decals (where applicable) must be affixed in or near the positions detailed on any diagram supplied with those decals. 750 Motor Club and



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3. Nominated MAHA Rolling Roads (Check that the operator has a calibration certificate no older than 12 months before booking):

**Aldon Automotive
(Brierley Hill)**

Breener Ind Est
Station Drive
Brierley Hill
DY5 3JZ
Tel 01384 572553

**QST
(Haywards Heath)**

4 Bridge Road
Haywards Heath
RH16 1UA
Tel 01444 451 542

**Pendle Performance
(Barnoldswick)**

Calf Hall Mill, Mill Street
Barnoldswick
Lancashire
United Kingdom
BB185PX
Tel 01282 851025

**Falkland Performance
(Glenrothes)**

Unit 5 Woodgate Way South,
Eastfield Industrial Estate,
Glenrothes,
Fife,
KY7 4PF
Tel 01592 773677

**Star Performance
(Kirkcaldy)**

Wemyss Rd,
Dysart
Kirkcaldy
Fife
KY1 2XZ

**Marlin Motor Engineers
(Milton Keynes)**

Unit 4-5 Wellington Place
Bletchley
Milton Keynes
MK3 5NA
Phone: 01908 366 256

**FR-R Tuning
(Bradford)**

383 Leeds Road
Bradford
BD3 9LY

**Revivals
(Duxford)**

Revivals Garage
Lodge Road
Thriplow, Royston
Herts
SG8 7RN
Telephone: 01763 208043

**C C Motors
(Sheffield)**

Unit 4, Parklands Court
Dannemora Drive
Sheffield
South Yorkshire
S9 5DF
Tel 0114 243 3970

Hi-Tech Motorsport

Unit 14 Lodge Forge Trading
Estate
Cradley Road
Cradley Heath
West Midlands
B64 7RW
Tel 01384 561777

**Car-Trac Dyno Tuning
(Shropshire)**

Main Road
Pontesbury
Shrewsbury
Shropshire
SY5 0UB
Tel 01743 790554

**Superchips
(Buckingham)**

2-18 Homestall
Buckingham
MK18 1XJ
Tel 01280 816 781

**EDM
(Bicester)**

E.D.Motorsport,
Unit 7 Field Farm Business
Centre,
Nr Launton,
Bicester,
Oxfordshire,
OX26 5EL
Tel 01869 278 942

Super Seven Auto's

16 Bashfords Lane
Worthing
BN14 8AF
Tel 01903 237218

**The Tipton Garage
(Sidmouth)**

Tipton St John
Near Sidmouth
Devon
EX10 0AF
Tel 01404 814597

**Silena Automotive
(Kings Lynn)**

Unit 1, Garage Lane
Setchey
Kings Lynn
Norfolk, PE33 OBE
Tel 01553 811200

DA Auto's

St Marys Industrial Estate
Dumfries
DG1 1NA
01776 700999

TSR Performance

1 Stockmoor Park
Taunton Road
Bridgewater
Somerset
TA6 6LD
Tel 01278 453036



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Series Sponsor's decals must take preference to any other decals. Failure to comply will render the vehicle and driver ineligible to race.

2. Suppliers: Sponsors and Club decals will be available at the first Series race in which the vehicle is entered.