

# STAFFORD RCMCC \*\*\* NEW CLASS \*\*\*

## Hot Hatch Class



The idea is to run this additional class that won't scare the beginner and also for someone who doesn't want to spend the earth on a hobby, but still wants to be competitive within a set specification rather than getting caught up in "Cheque Book Racing". Therefore, we have made the decision to run with the "**Mardave Hot Hatch Championship Rules**" laid out below. This is a recognised class run at a few other clubs around the country. We did think about running just the "**Mini Assassin**" Rules, however, as we are literally down the road from Hednesford Raceway we have added in the "**VRX Oe/HR3**" class as this chassis has a little bit longer wheelbase and would allow for bodies similar to the Vintage Hot Rods and the National Hot Rods as well. Please find below the rules set out for this class.

These rules are **NOT** up for discussion as in "can use a brushless motor" or "can I put a LiPo cell in it". The rules are made to keep this class as cost effective as possible whilst still being competitive, if you want to start making modifications to things then this class is not for you. The idea is to attract more people to come and race. We have listed the allowed options for these classes at the end of each class rules.

Stafford RCMCC reserve the right to amend these rules in line with the Mardave Hot Hatch Championship

**Please Note: All batteries MUST be charged in a fireproof sack or box**

However, there are a few points to note:

- \*You cannot have anything Carbon Fibre on the car.
- \*You can only use 4 cell "SUB C" cells (NO LiPo Cells)
- \*You can only use a 32dp 48 tooth spur gear
- \*You can only use a 32dp 15 or 16 tooth pinion.

Should you require any more information please contact

Mike Dennison [mike@mjdennison.co.uk](mailto:mike@mjdennison.co.uk)

or

Chris Wilkinson at Mardave <https://www.mardave.co.uk/contact-us>

Please read and understand the following rules, they are straight forward. However, to stop this class going the same way as some of the other classes such as GT12 and be allowed to race you **MUST** adhere to the word and the spirit of these rules. We will be checking cars now and then, anyone who tries to circumvent these rules will be reported to Olwyn Robson and believe me you **DO NOT** want that to happen 😊 If you are not sure - ASK

# MARDAVE Hot Hatch Rules – Stafford RCMCC

The kits that are allowed are:

**Mini Assassin Racer Price: £69.95**

<https://www.mardave.co.uk/rc-cars/1-12-oval/157-356-detail>

**Assassin Mini Racer S Price: £89.95 (basically the same as the above with extra goodies)** <https://www.mardave.co.uk/rc-cars/1-12-oval/157-detail>

**VRX Oe Club Price: £59.95** <https://www.mardave.co.uk/.../1-12.../47-247-1110-detail>

**VRX HR3G Hotrod Kit Price: £69.95**

<https://www.mardave.co.uk/rc-cars/1-12-circuit/vrx-hr3-grp-hotrod-kit-detail>

We are aware that Mardave also do the above kits in a bundle with additional items such as the radio set to make up a complete package (All you would need is the paint) If you would like a complete bundle please contact Mardave where Chris Wilkinson would be happy to assist you to get the best solution.

## Mini Assassin rules - Stafford RCMCC

- 1) Cars to be 1/12th scale Mardave Mini Assassin.
- 2) Chassis can be GRP 175mm wheelbase. The chassis may not be modified in any way.
- 3) Only the kit nylon motor pod & base plate may be used, un-modified. V8AL can now be used (this allows longer use of tyres)
- 4) Only 3 budget servo's permitted for use. Futaba S3003, Core RC 4012 or Core RC 9016.
- 5) Any servo saver & servo mounts may be used.
- 6) Any track rods, ball cups and balls may be used
- 7) Any compound of **Mardave and Contact tyres can be used. Tyres may be trued. Only Single bolt mounting is allowed. NO 3 bolt mounting wheels**
- 8) Any lexan/polycarbonate Mini bodyshells
- 9) Any make of body mounts may be used.
- 10) Ballraces are allowed on front and rear axles.
- 11) Rear axle must remain solid (No Diffs).
- 12) Only Mardave Spur gears to be used 48T and 32dp. Mardave Z-drive system is allowed.
- 13) Only 15T/16T 32dp pinion gear to be used. This may change from club to club
- 14) Any strength Mardave suspension springs front or rear may be used.
- 15) As Stafford RCMCC has a Non-Reversing rule then only the Mardave/Mtroniks Ultra Circuit ESC is allowed. Any connectors can be used.
- 16) Only silver can 21 turn CR711 Motor is allowed. The motor may be fitted to either side of the chassis, providing there is no modification or alteration to the chassis or mounting blocks. Motors must remain unopened.
- 17) Cars to use four cell battery packs only, cells to be sub-C sized only, with a nominal voltage of 1.2 volts per cell. Cells must be readily identifiable. Only 4.8v Packs to be used, up to a maximum of 5000mAh.
- 18) Battery mountings must be original kit.
- 19) Only Mardave external front and rear bumpers are allowed.
- 20) Steel whip aerials and rollover masts are not allowed, however standard 'straw' type aerial is permitted.
- 21) No wings or aerofoils unless supplied by manufacturer with the bodyshell. No under body aids are allowed.
- 22) Only Water based tyre additives are allowed.
- 23) There should be a minimum ground clearance of 3mm; this is to include, 1mm clearance for spur gear.
- 24) Front wishbones, suspension, and steering axles to remain same as kit supplied. King pin brace may be added.

**The ONLY option parts allowed for the MINI Class are listed below:**

**Assassin Mini Kingpin Brace Part No - VRX5B**



**Racing Motor Pod Part No - V8AL**



**Z-Drive Kit Part Number - V20A**



**48 Tooth gear for above - S1048Z**



# MARDAVE

## Mini Assassin

## VRX Oe / HR3 rules – Stafford RCMCC

- 1) Cars to be 1/12th scale MardaveVRXOe/HR3G
- 2) Chassis to be GRP chassis may not be modified in any way.
- 3) Only the kit nylon motor pod & base plate may be used, un-modified. V8AL with GRP Base can be added to kit (this allows longer use of tyres)
- 4) Only 3 budget servo's permitted for use. Futaba S3003, Core RC 4012 or Core RC 9016.
- 5) Any servo saver & servo mounts may be used.
- 6) Any track rods, ball cups and balls may be used
- 7) Any compound of Mardave and Contact tyres can be used. Tyres may be trued. Only Single bolt mounting is allowed. NO THREE BOLT FIXING
- 8) Any lexan/polycarbonate **HATCH Back** bodyshells
- 9) Any make of body mounts may be used.
- 10) Ballraces are allowed on front and rear axles.
- 11) Rear axle must remain solid (No Diffs).
- 12) Only Mardave Spur gears to be 48T and 32dp. Mardave Z-drive system is allowed.
- 13) Only 15T or 16T 32dp pinion gear to be used.
- 14) Any Mardave strength suspension springs front or rear may be used.
- 15) As Stafford RCMCC has a Non-Reversing rule then only the Mardave/Mtroniks Ultra Circuit ESC is allowed. Any connectors can be used.
- 16) Only a silver can 21 turn Motor is allowed Core CR711. The motor may be fitted to either side of the chassis, providing there is no modification or alteration to the chassis or mounting blocks. Motors must remain unopened.
- 17) Cars to use four cell battery packs only, cells to be sub-C sized only, with a nominal voltage of 1.2 volts per cell. Cells must be readily identifiable. Only 4.8v Packs to be used, up to a maximum of 5000mAh.
- 18) Battery mountings must be original kit.
- 19) Only Mardave external front and rear bumpers are allowed.
- 20) Steel whip aerials and rollover masts are not allowed, however standard 'straw' type aerial is permitted.
- 21) Only wings or aerofoils supplied by manufacturer with the bodyshell. No under body aids are allowed.
- 22) Only Water based tyre additives are allowed.
- 23) There should be a **MINIMUM** ground clearance of 3mm; 1mm clearance for spur gear.
- 24) Front wishbones, suspension and steering axles to remain same as kit supplied. King pin brace may be added.
- 25) Motor Plate can be used in this class as a Circuit class (Part number VRXG2P)

**The ONLY option parts allowed for the VXRoe/HR3 Class are:**

**Front side Brace Kit - Part No. HR3G10**



**Motor Lowering plate - Part No. VRXG2P**



**GRP Base plate - Part No - VRX5GRB**



**Z-Drive Kit - Part No - V20A**



**48 Tooth gear - Part No - S1048Z to fit V20A**



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