



**REGULATIONS AND SPECIFICATIONS FOR THE 2020 WESTERN PROVINCE MOTOR CLUB**  
**(WPMC) RALLYCROSS CLUB CHAMPIONSHIP**  
**(162207/144)**

These regulations are to be read in conjunction with the General Competition Rules (GCR's), Standing Supplementary Regulations (SSR's) of Motorsport South Africa (MSA), these Club Regulations and the event Supplementary Regulations (SR's) issued by the Promoters / Organisers as well as any APPLICABLE Circulars issued by MSA.

**1. CONTROLLERS**

The Controllers of the Championship will be the Sporting Committee of the Western Province Motor Club (herein referred to as Sportcom), who have delegated the management, control and day to day running to the Rally Cross Section Committee.

**2. AMENDMENTS**

- 2.1 **ANY** proposed / desired safety changes to these Championship Regulations **must** be submitted to the Controllers for consideration at their next Sportcom Meeting.
- 2.2 Annual rule changes apply as per constitution.
- 2.3 The Controllers reserve the right, with prior notification, to introduce new Regulations and/or amend existing Regulations in the interest of motorsport and safety. Ratified changes to these Regulations **shall** be issued via an official MSA Circular at least SEVEN (7) days prior to the next event being held.
- 2.4 All and any notice or circulars in respect of this championship will be notified to all competitors in an electronic format (e-mail or similar). Any notice or circular will be notified no less than 7 (seven) days prior to any race meeting. The onus is on the Competitor to ensure that he / she has familiarized him- / herself with such a notice.

**3. AIM OF THE CHAMPIONSHIP**

The aim of the championship will be to declare a WPMC Rally Cross Champion for 2020 and class champions as applicable.

**4. VALIDITY OF THE REGULATIONS**

Applicable to the calendar year of 2020.

**5. REGULATIONS**

- 5.1 All qualifying races shall be held under these Standing Regulations, the General Competition Rules (GCR's) and Standing Supplementary Regulations (SSR's) of Motorsport South Africa (MSA) and the event Supplementary Regulations (SR's) issued by the Promoters / Organisers.





- 5.2 No rule is intended to exist in a vacuum and each rule should be read in the context of all rules. If there are two possible interpretations to a rule, and one interpretation conflicts with another rule, or makes another rule meaningless, that interpretation will be rejected in favour of an interpretation that is not in conflict with any other rule or makes another rule meaningless.
- 5.3 If a specific rule or latitude is not found in these Regulations it will mean it is not allowed. The GCR's or SSR's, as applicable, will then apply.

## **6. ELIGIBILITY OF DRIVERS**

- 6.1 The Championship is open to:
- Paid up members of good standing of the WPMC and the Rally Cross Section (if applicable); and who are
  - Holders of any form of four wheel current MSA competition licence of at least Club status are permitted to compete.
  - Drivers must not be younger than 16 years of age.
- 6.2 Invited drivers are welcome to race and are eligible for trophies on the day but will not be eligible to score points in the championship.
- 6.3 A Driver may enter, qualify or race more than one (1) vehicle in different classes on any race day. Multiple entries are required if this applies. No driver is allowed to enter more than one vehicle in the same class.

## **7. CHAMPIONSHIP EVENTS**

- 7.1 All Rally Cross races hosted by the WPMC and listed as qualifying races in the SR's, will be deemed to be qualifying races.
- 7.2 When more than one (1) race is held on any particular day, the points scored for each race will be added together purely for the purpose of determining an overall winner for the day.
- 7.3 A competitor's best four (4) events will count towards the championship.

## **8. NUMBER OF RACES / EVENTS SCORING TOWARDS CHAMPIONSHIP**

- 8.1 All races scored by a competitor in a particular vehicle (as per 7.3 above) for the 2020 competition year will count towards the year end trophies.
- 8.2 2020 will be full championship status once ratified by Sportcom.
- 8.3 A race will consist of 4 laps and 1 Joker lap.
- 8.4 Generally an event will comprise 4 heats, followed by semi-finals and a final.





## 9. CLASSES

Competitors will be divided into the following classes:

- Class A (Supermods)** - All vehicles i.e. Rally spec, 4wd, turbo, supercharged, special purpose built exhibition vehicles, with power enhancers or in any form that do not comply with classes below.
- Class B** - 6 cylinders
- Class C** - 4 cylinders
- Class D** - Standard class, road going vehicles in stock form
- E36 Cup** - BMW E36's only

## 10. MINIMUM NUMBER OF STARTERS

There must be a minimum of twelve (12) eligible starters in the combined classes (A, B, C, D and E36 Cup) on a race day for that day to qualify for Championship status.

## 11. POINTS AWARDED AS FOLLOWS (subject to starters per race)

- |                 |   |          |
|-----------------|---|----------|
| 1 <sup>st</sup> | - | 6 points |
| 2 <sup>nd</sup> | - | 5 points |
| 3 <sup>rd</sup> | - | 4 points |
| 4 <sup>th</sup> | - | 3 points |
| 5 <sup>th</sup> | - | 2 points |
| 6 <sup>th</sup> | - | 1 point  |

Points accumulated for qualifying races are used to determine the positions to proceed through to the semi-finals and final rounds. The final rounds score separately to the class championship results.

## 12. ANNOUNCEMENT OF POINTS AWARDED

Scoring for each qualifying event will be available at the WPMC Office, located at Killarney, on the second Monday following the event. Any objections concerning the scoring must be received by the Controllers in writing not later than the Friday following the Monday on which the scoring became available. The Controllers reserve the right to correct clerical errors at any time.

## 13. SEPARATION OF TIES

A tie will be resolved in favour of the competitor having the greatest number of class wins, then second then thirds etc. If the tie still remains, performance in all the championship events will be taken into consideration and if this is ineffective, the SPORTSCOM shall declare a winner on any basis it may deem fit.

## 14. QUALIFYING AND STARTING GRIDS (per class)

Qualifying - A 5 lap session will determine the grid positions per class.





- Races - 5 (tbc) starters in a pre-determined grid formation.  
- 4 races per competitor to be run as elimination rounds scoring points.  
- Top (12) per class combined after points tallied up to run a Semi-final (2) split if needed  
- Top 6 to run in the final per class.

**15. DECLARATION OF CHAMPIONS**

Sportcom, at its sole discretion, is responsible for declaring the winners of the Championship or to withhold such declaration.

**16. DRIVER'S RESPONSIBILITIES**

- 16.1 All drivers are to ensure that their vehicles comply with all regulations governing the series.  
16.2 Incident reports must be completed and handed to the CofC within thirty (30) minutes of the completion of the race wherein the incident occurred. Action to be taken is at the discretion of the CofC.  
16.3 Competitors must notify the Clerk of the Course (CofC) immediately if withdrawing from the event.

**17. ELIGIBILITY OF VEHICLES**

- Vehicles competing in the championship shall comply with these rules, the GCR's, SSR's and all of the Standing Regulations and the Supplementary Regulations issued by the WPMC.
- All competitors and their vehicles are to comply with the MSA Environmental Code as set out in the MSA Handbook. This covers inter alia sound testing, permissible fuel, etc.
- All recognized production manufactured vehicles with a metal or carbon fibre (OEM) roof are eligible. Fibreglass and plastic fenders and panels may be utilised as long as the silhouette remains the same. Additional flares or spats may be fitted to the arches and fenders but must be securely fastened.
- All vehicles to have clearly visible rear mounted (interior high level if possible) working brake lights.
- All vehicles to have kill switches as per MSA requirements, except road vehicle class (Class D).
- All vehicles to have a front, side and rear glass / Lexan windscreen. Lexan of suitable thickness may be used to substitute glass if needed. No un-authorized deviations will be allowed/permitted.
- Glass headlights to be removed and holes covered or lights adequately covered to avoid glass on surface in the event of damage.
- All vehicles to have mud flaps on driven axel
- E36 cup class rules may differ (see below).

**17.1 Class A (SUPERMODS (SM)):**

- a) All 4wd vehicles, FWD, RWD, turbo charged or performance enhanced vehicles are allowed.
- b) Space frames and saloon bodies are eligible if passed as safe by the appointed officials of the event.
- c) Rally spec shocks and if non-compliance by below classes in any form will be placed in class (SM).
- d) No additional items may be fitted to the vehicle unless approved by the series specialist scrutineer.
- e) No unauthorized modifications are allowed.





### **17.2 Class B:**

- a) Any drive vehicles excluding 4wd with a number of (6) six cylinders.
- b) Maximum of 160KW on flywheel at the appointed dyno.
- c) No additional items may be fitted to the vehicle unless approved by the specialist scrutineer.
- d) Shocks are free but external canisters and super high tech shocks will result in the vehicle being moved to class SM.
- e) Ride heights are free.
- f) Bumpers to be fitted on front and rear as per make and model of vehicle.
- g) Engine management is free but must comply with technical regulations on power readings.

### **17.3 Class C**

- a) Any drive vehicles excluding 4wd (4) Four cylinders.
- b) Maximum capacity of 2.0 litre,
- c) Maximum of 130KW on flywheel at the appointed dyno.
- d) No additional items may be fitted to the vehicle unless approved by the specialist scrutineer.
- e) Shocks are free but external canisters and super high tech shocks will result in the vehicle being moved to class SM.
- f) Ride heights are free.
- g) Bumpers to be fitted on front and rear as per make and model of vehicle.
- h) Engine management is free but must comply with technical regulations on power readings.

### **17.4 Class D**

- a) An entry level class for budget conscious racers.
- b) Any drive vehicle in standard trim as a road going, road legal licenced vehicle.
- c) Bumpers to be fitted as per vehicle origin.
- d) Engine management is free.
- e) Any competitor found to be in breach of the term road legal will be moved to a class as above.

### **17.5 E36 Cup**

Refer to Appendix A at the end of this document.

17.6 Approved dyno for the series is Fuelled situated at the Killarney race track.

## **18. Fuel and lubricants**

- 18.1 All classes to adhere to the MSA code of eligible fuel to be used.
- 18.2 Ethanol is permitted as an additive to regulation fuel specified in GCR 240.
- 18.3 For all classes except the E36 and D class radiators are allowed to be fitted inside vehicles for safety purposes however if done a shielded panel must be fitted separating driver from radiator for safety reasons of potentially bodily harm.

## **19. WHEELS AND TYRES**

- 19.1 Super modified class may use any size wheel with an 8j width rim but the recommended tyre (Hankook Z22 or Accelera 651) or a full slick only is allowed. No exceptions will be made. No additional grooving of tyres allowed.
- 19.2 Wheel rim width is limited to a maximum of 8 inches (20.32cm) in all classes.





- 19.3 Make and type of tyres is 15" – tyre spec (approved road going tyre or approved semi slick, non aggressive).
- 19.4 No wheels (rims and tyres) may protrude from the fenders, with the wheels pointed in the straight ahead position at the start of any race. Wheel nuts and studs may not protrude outside the wheel width area.

## **20. COMPETITION NUMBERS**

All competition numbers (including those on the windscreen) must comply with MSA circuit regulations relating to size and colour. Refer GCR 249, SSR 4 and any other relevant bulletins etc. rear side window is for race number and drivers name solely, blood group and fuel advice sticker. Rear side windows must have race number in bright orange or yellow, affixed to window size of 300 x 300.

## **21. STARTING PROCEDURES**

- 21.1 The starting procedure will be a standing start.
- 21.2 Classes may race separately should circumstances allow on any given day.

## **22. SCORING TOWARDS CHAMPIONSHIP**

- 22.1 The points scored by a driver in all races throughout the year will count towards the Championship per class. An overall champion will be declared from 2020 onwards.
- 22.2 Each driver will score his / her own points per event to be added together to declare a final overall Champion per class for 2020.

## **23. NOISE LIMITATIONS**

The circuit has an obligation to the local environment and the noise restrictions will be enforced as laid out in the SR's. Any vehicle in breach will be requested to leave the competition by the CofC and the organisers have the right to refuse an entry from the competitor on the day in question. The organiser's decision is final.

## **24. AWARDS**

The awards on the race day will be presented to 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place competitors based on total points in each class.

## **25. GENERAL**

Any competitor found to be guilty of maliciously causing damage to the circuit, pit area or any of the property relating to the Rally Cross race arena will be officially dealt with by the Controllers.





## **Appendix A - E36 Cup**

### **A1. FIRST TIME COMPETITORS**

- 1.1 Track experience is advised to ensure the safety of the new competitor as well as the rest of the competitors. The Controllers may require that an on-track assessment and theoretical presentation be attended prior to a first race entry being accepted.
- 1.2 First Time drivers shall fix an acceptable red ribbon/tape not more than 300 mm long to the rear wing of their vehicle (or any other part at the back of the vehicle if they don't have a rear wing) to be displayed clearly for all other drivers to see for at least their first race meeting and practice sessions. The controllers will review the progress of the driver and shall decide when it is fit to remove the ribbon.

### **A2. SCRUTINEERING**

- 2.1 Vehicles must be presented for scrutineering in a clean condition and ready to race together with an approved helmet, race suit, race shoes/boots and gloves, all in good condition.
- 2.2 No open ended pipe in any way connected with the lubrication or cooling system, sump, catch tank or other oil or water reservoir, is permitted. All such pipes must terminate in a plastic or metal container of adequate capacity, firmly secured to the vehicle and acceptable to the scrutineers at pre-race scrutiny. All such containers must be empty at the start of the race.
- 2.3 Radiator Cap, Engine Oil Fillers, Oil Filter bolts and engine drain plugs must be wired locked.
- 2.4 At any time during an event, any vehicle may be examined for compliance with the Regulations.

### **A3. GRID POSITIONS**

- 3.1 All grid position will be determined by the Race Organiser. The Race Organiser may choose the grid by any method they deem fit.
- 3.2 The starting grid will be made up of vehicles positioned two abreast in a staggered formation. This may however be altered by the clerk of the course, after taking into consideration the circuit and conditions of the day.

### **A4. STARTING PROCEDURE**

Drivers will be lined up in their respective grid positions in the pre-race paddock. Cars will form up on the starting grid directly with their engines running. Where marked grid bays are present, the front of the front tyre must remain behind the line.

### **A5. RACE DISTANCE**

Minimum number of heats as per SR's and final not more than 8 cars.





#### **A6. JOKER LAPS**

In Events where Joker Laps are applicable the following will apply

- a. Every Competitor needs to take the joker lap at least once in the race.
- b. If a Competitor jump starts they will need to do an additional Joker lap.
- c. The leader of each lap will need to take the Joker Lap on that current lap.

#### **A7. TROPHIES**

7.1 There will be no Trophies for First, Second or Third Position.

7.2 There will be a Trophy for:

- Showman of the Day
- Biggest Angle Award
- Hard Luck Award
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#### **A8. PENALTIES**

8.1 Any breach of these regulations, or the supplementary regulations for any competition, whether or not any penalty is specified therein, may be subject to the penalties laid down in the GCRs of MSA and the imposition of such conditions as the Controllers may deem appropriate.

8.2 Any contravention of the technical regulations and specifications will generally result in automatic exclusions from the relevant race (where appropriate) or the entire event. The only exception will be in instances where no advantage has been gained, in accordance with the provision of GCR 176.

8.3 If the competitor exceeds the track limits with all 4 wheels, knock the tyres or cones, touch the ropes or skip any chicane you have to give up your current track position before the next corner, they may be excluded from the next session/race.

8.4 No contact is allowed. If contact is made the COC with consultation from the controllers has the right to exclude the competitor from the event.

#### **A9. TECHNICAL SPECIFICATIONS**

9.1 Engines:

- Any E36 Petrol Engine with a maximum capacity of 2.8 liter.
- Engine internals may be modified only OEM parts must be used.
- Engine externals must remain standard.

9.2 Cylinder Heads:

- May be modified

9.3 Camshafts:

- May be modified

9.4 Crankshafts:

- May not be modified.

9.5 Ignition Systems:

- The ignition system may be modified







9.6 Fuel:

- 95 Octane pump fuel only.
- Competitors may be asked to drain and replace their fuel with 95 Octane fuel supplied by the committee. If the competitor refused to race the day on the supplied fuel the committee have the right to take further disciplinary action against the competitor which may include but not exclude future exclusions in the E36 Cup.

9.7 Throttle Body:

- Only a single OEM throttle body is allowed.
- No bigger than a standard 325/328 throttle body may be used.

9.8 Air boxes:

- Air boxes may be modified or removed.
- Fresh Air or Ram Air induction is not allowed.
- No Forced Air (mechanical, electrical or any other means) Induction is allowed.
- Air Filters may be replaced with aftermarket filters or removed.

9.9 Exhaust Systems:

- Exhaust system may be replaced with an aftermarket exhaust.
- Any aftermarket exhaust must comply with the noise levels as stated above.

9.10 Gearboxes:

- Only original OEM E36 5 speed gearboxes are allowed.

9.11 Clutches:

- Only OEM clutch and pressure plates are allowed.

9.12 Flywheels:

- OEM M20 solid mass flywheels and clutches may be used.

9.13 Differentials:

- Only 4.11 Ratios will be allowed.

9.14 Suspension:

- Polyurethane and rubber off set bushes are allowed on original mounting points
- Front Camber may have a maximum of 4.5 degrees camber achieved via a spacer between the hub and shock.
- Rear Camber must be within standard limits.
- Minimum ride height: 340 mm from the centre of the front hub to the highest point of the bottom lip of the wheel arch
- Spacers will be allowed as to level out ride height (Front versus rear). The rear ride height may not be lower than the front.
- E36 OEM rear suspension and coil springs need to be retained.
- E36 OEM shocks must be used. No coil-over shocks will be allowed.
- E36 OEM front outer springs with Golf Mark "1" rear spring acting as inner springs will be allowed on front suspension.





- E36 OEM lower control arms need to be retained

#### 9.15 Rims:

- Only alloy or steel rims are allowed.
- Front Rims may be up to a maximum of 18" diameter with a maximum of 8J width.
- Rear Rims may only be a 15" diameter with a maximum of 8J width.

#### 9.16 Tyres:

- Front tyres may be up to a maximum width of 225.
- Front tyres may be a semi slick or road based tyres.
- Only the Spec Durun 195/60/15 is allowed on the Rear.
- Rear tyre pressures must be over 3 Bar minimum with cold tyres.
- Wheel spacers are allowed, but rims and tyres may not protrude past standard wheel arches. (Tyre tread may not be visible looking top down past wheel arch.)

#### 9.17 Brakes:

- Standard rotor diameters must be retained.
- E36 OEM callipers must be retained.
- Brake pads may be upgraded.
- Inline hydraulic hand brake is allowed.

#### 9.18 Roll Cages:

- Roll cages should conform to MSA circuit standards.

#### 9.19 Fuel tanks:

- E36 OEM fuel tanks must remain.

#### 9.20 Bodyworks:

- Standard bumpers or fibre glass replicas of the standard bumper will be allowed. All other body panels to remain OEM
- No tampering will be allowed with the silhouette of the cars.
- Spot lights may be removed as to allow for front brake cooling
- Rear fire wall may be cut out.
- Spare wheel well may be cut out, but needs to be covered by an adequate plate.
- Interior may be removed but cars must retain standard E36 dashboard
- All cars must be fitted with rear mud flaps which may not be higher than 50mm above the ground.
- Only four door sedan E36 body shapes will be allowed
- All cars to retain OEM glass on all windows
- Head and tail lights to be retained.
- Front lights may be taped or wrapped for protection.
- No tow bars are allowed.
- Tow hooks may not protrude the silhouette of the cars.

#### 9.21 Boot spoiler / Wing:

- Only OEM spec spoilers are allowed.





9.22 Seat:

- The seat must be well secured.
- It must be designed so that the driver is well located to resist movement when cornering, braking or crashing.
- Only non-reclineable seats are allowed.

9.23 Seat belts:

- A five point approved safety harness of the quick release type that releases at least all but one point.
- The safety belts must hold the driver firmly under all racing conditions.
- Seat belt anchor points shall be lower than the shoulder height of the seated driver.
- The seat belt point must be a suitable and substantial part of the chassis or roll cage.

9.24 Steering:

- Only the Steering hub and wheel may be replaced.
- Quick release hubs are allowed.

9.25 Fire extinguisher:

- A 1,5 Kg DCP type fire extinguisher or a Fire Stricker stick is mandatory.
- The fire extinguisher brackets must be well secured.

9.26 Numbers:

- The E36 Cup spec Decal stickers must be used on the Front Window, Rear Passenger Windows and Rear Window which can be bought from the controllers.

9.27 Other:

- Anything not specifically mentioned above is not allowed.
- No E36 M3 parts may be used besides for front lower control arm bushes and exhaust manifold headers.

