



MSA WPMC GTi CHALLENGE CLUB REGULATIONS

VERSION 1

1 JANUARY 2026

WWW.MOTORSPORT.CO.ZA



REVIEW AND AMENDMENTS

ANY proposed / desired changes to these Championship Regulations must be submitted to the Controllers for approval. The Controllers reserve the right to introduce new Regulations and / or amend existing Regulations with the approval of Motorsport South Africa (MSA).

Amendments and updates to the rules will be recorded in the Amendment Record, detailing the updated version, date of approval of the amendment and a short summary of the amendment. The new version of the rules will be published by MSA at least seven (7) days prior to the next event being held unless a shorter notice period is approved by MSA.

AMENDMENT RECORD

<i>Modified Rule Number</i>	<i>Date Applicable</i>	<i>Date of Publication</i>	<i>Clarifications</i>

INDEX:

1. COMMITTEE
2. GENERAL
3. COMPETITION NUMBERS
4. DEFINITION
5. AIM OF THE CHAMPIONSHIP
6. CONTROLLERS
7. REGULATIONS
8. QUALIFICATIONS
9. NUMBER OF EVENTS
10. CHAMPIONSHIP SCORING
11. PROCEDURES
12. BONUS POINTS
13. PENALTY POINTS
14. CLASSES
15. ELIGIBILITY OF CARS AND COMPETITORS
16. NEW COMPETITORS
17. COMPETITORS CONDUCT
18. SPONSOR DECALS
19. ENGINES GENERAL
20. EXHAUST SYSTEMS
21. CYLINDER BLOCKS
22. INDUCTION SYSTEM
23. MANAGEMENT SYSTEMS
24. PISTONS AND RINGS
25. PISTON HEIGHTS
26. CONNECTING RODS
27. CRANKSHAFT
28. FLYWHEEL AND CLUTCH
29. CYLINDER HEADS
30. CAMSHAFTS
31. COMPRESSION RATIOS
32. GEARBOX AND DIFFS
33. SUSPENSION
34. BRAKES
35. BODYWORK AND GENERAL
36. WHEELS AND TYRES
37. FUEL
38. SPECIFICATION SHEET – HEIGHT / WIDTHS
39. SPECIFICATION SHEET – POWER TO WEIGHT
40. PROTESTS / TECHNICAL CHECKS
41. TECHNICAL CHECKS
42. RULES COMMISSION
43. ENDURANCE RACE
44. CERAMIC COATING
45. ACCEPTANCE OF REGULATIONS
46. SOCIAL MEDIA
47. VOTING

All race meetings shall be held under the 2026 Motorsport South Africa (MSA) General Competition Rules (GCRs), Standing Supplementary Regulations (SSRs), these Club Regulations, the event Supplementary Regulations (SRs) issued by the promoters / organisers and any APPLICABLE Circulars of MSA.

1. COMMITTEE

Chairman	-	Zaki Hendricks
Vice Chairman	-	(TBC @ 6 February GM) Dario Busi
Secretary	-	Gert du Plessis
Chief Technical / Specialist Scrutineer	-	Grant Meyer
Rules Commission Chairman	-	Craig du Toit
Drivers Rep	-	TBC @ 6 February GM
Tyre Rep	-	G & A Promotions Harp Motorsport
Treasurer	-	Herman Lazarus
Sticker Rep	-	Chase Herholdt

Technical Sub-Committee:

Chief Technical / Specialist Scrutineer	-	Grant Meyer
Technical Officer	-	(TBC @ 6 February GM) Craig du Toit
Technical Assistant	-	Andrew Goslett
Technical Assistant	-	Muneer Allie
Technical Assistant	-	Rodney Esterhuizen
Technical Consultant	-	Gilbert Dumont (gearbox related)

Rules Commission:

Chairman	-	Craig du Toit
Member	-	(TBC @ 6 February GM) Chase Herholdt
Member	-	(TBC @ 6 February GM) Dylan van Eeden
Member	-	Nian du Toit
Member	-	Muneer Allie

Driving Standards Committee:

Member	-	Brett Roach
Member	-	Craig du Toit
Member	-	TBC @ 6 February GM)
Member	-	Nian du Toit
Member	-	Dario Busi

2. GENERAL

- 2.1 It is the competitor's responsibility to ensure that his / her vehicle conforms to all the regulations contained herein. Even if you buy an existing GTi Challenge car from someone, don't just accept that everything is legal on the car. The GTi Challenge Committee, including the Technical Sub-Committee, is *not* responsible for ensuring the legality of any car regardless of any inspections or checks that they may perform.
- 2.2 Only modifications and allowances detailed herein are permitted. All components not referred to or not specifically mentioned in these Regulations are not permitted to be used and will remain completely standard to factory specifications. In other words – if it does not clearly say that you can do it – assume that you cannot!

Ignorance or misinterpretation of the regulations will **NOT** be accepted as an excuse (Refer to GCR226). If there is any uncertainty as to the legality of the modification, it is the responsibility of the competitor to seek approval *in writing* from the GTi Challenge Committee **BEFORE** the modification is done.

- 2.3 No stickers, race numbers or merchandise will be given to a competitor unless the GTi Challenge Committee has been paid in full.
- 2.4 Qualifying - refers to the timed session that determines grid positions for Race 1
- 2.5 Race 1 - refers to the first race of a race day
- 2.6 Race 2 - refers to the second race of a race day
- 2.7 A 'Race day' - refers to Qualifying, Race 1 & Race 2.
- 2.8 Competitors are requested to note GCR 226 regarding "*Interpretation of Regs and Specs*" as per the current MSA Handbook. All other regulations as per the current MSA **GCRs Handbook**.
- 2.9 All novice competitors are required to undergo driver instruction before being allowed to race. The GTi Challenge Committee's decision permitting the said competitor to compete based on the driver instruction results is final.

3. COMPETITION NUMBERS

- 3.1 Competition numbers must be displayed in accordance with MSA GCRs, SSRs and applicable Bulletins issued by MSA in ALL regards. Class designation, as well as race number, will be placed on the rear door windows or equivalent for Coupe models to designate the different classes:
 - Class A - Orange
 - Class B - Green
 - Class C - Yellow
- 3.2 Class Champions may have **use red with white boarded** numbers.
- 3.3 Numbers will be issued by the Committee (Numbers will only be reserved for one year after the last Championship season that the competitor took part in).

4. DEFINITION

GTi Challenge is a club formula of racing that complies with the regulations stated herein.

5. AIM OF THE CHAMPIONSHIP

- 5.1 This is a Club status Championship.
- 5.2 The aim of the Championship will be to declare Western Province Motor Club ("WPMC") GTi Challenge Class Champions for 2026 as applicable.
- 5.3 The Western Province Motor Club Sporting Committee ("SPORTCOM"), in its sole discretion, is responsible for declaring the winner of each Championship or to withhold such declaration.

6. 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 GTi Challenge Committee as well as the GTi Challenge Technical Sub Committee.

7. REGULATIONS

- 7.1 All qualifying races will be held under these rules, the General Competition Rules (GCRs) and Circuit Racing Standing Supplementary Regulations (SSRs) of Motorsport South Africa (MSA) and all of the Standing Regulations and the Supplementary Regulations (SRs) issued by the WPMC.
- 7.2 No rule is intended to exist in a vacuum; 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.
- 7.3 If a specific rule or latitude is not found in these regulations, whether stated it is or is not allowed, that will mean it is not allowed. The MSA GCRs or SSRs, as applicable, will then apply.
- 7.4 The Controllers reserve the right to amend these rules at their discretion. Any recommendations to amend the rules by the Committee will only become effective when approved by the WPMC Sportcom.
- 7.5 All and any notices or circulars in respect of this Championship will be notified to all competitors in an electronic format (email or similar). Any notice or circular will be notified no less than seven (7) days prior to any race meeting. The onus is on the Competitor to ensure that he/she has familiarized himself/herself with such a notice.

8. QUALIFICATIONS

- 8.1 All competitors are to become registered members of the GTi Challenge Racing section. (Membership may be granted or revoked at the discretion of the GTi Challenge Committee).
- 8.2 All competitors are to be registered members of the Western Province Motor Club. (Invitational competitors will be allowed to compete at the discretion of the GTi Challenge Committee. GTi Challenge membership is not required in this case.

9. NUMBER OF EVENTS

- 9.1 The 2026 Motorsport Calendar and Races per Category as published by the WPMC gives details of all Championship event race dates.
- 9.2 A minimum of six (6) race days shall be run for Class Champions to be declared. Should less than six (6) Race days be held, then the Championship shall be null and void.

10. CHAMPIONSHIP SCORING

- 10.1 Points will be awarded on 7-5-4-3-2-1 basis.
- 10.2 In order for any competitor to score full points, there must be at least six (6) starters per class.
- 10.3 Should a class have fewer than six (6) starters, points will be awarded on a sliding scale i.e. five (5) starters 5-4-3-2-1; four (4) starters 4-3-2-1; three (3) starters 3-2-1 etc.

11. PROCEDURES

- 11.1 Official entry forms to be submitted to WPMC within the dates stipulated in the SRs. Any entry accepted after this date may be defined as a "Late Entry" & be liable to pay the Late Entry Fee. (WPMC Membership number must be on entry forms).
- 11.2 A "points scorer" is defined as a competitor who has participated in the official qualifying sessions listed in the regulations for the event or in one of the two races, with one officially recorded timed lap.

(Cars excluded from the days racing as per GCR183 due to technical/**procedural** infringements, will be deemed NOT to be a points scorer). In the event of a competitor being excluded the overall numbers for the class shall not be affected.

11.3 Should the race be red flagged:

- a) Refer MSA Circuit Racing SSR 43 (i) for race stopped after less than 2 laps
- b) Refer MSA Circuit Racing SSR 43 (ii) for more than 2 laps but less than 75% of the race distance
- c) Refer MSA Circuit Racing SSR 43 (iii) for more than 75% race distance completed
- d) Refer MSA Circuit Racing SSR 43 (iv) for no restart after Red Flag

11.4 There may be a qualifying session of at least ten (10) to fifteen (15) minutes, Competitors will line up in the pre-race paddock in class order. ~~i.e. Class A, then Class B, then Class C~~ **Prerace grid numbers will be communicated via the GTI Challenge Broadcast group (ie Class A grid 1-7, Class B grid 8-14 and Class C grid 15-22) competitors are to line up in the designated bays on a first come first service bases. Any competitor that is not parked in a prerace grid box when the pitlane is opened for qualifying shall wait and file in behind the last Class C competitor.** Once the pit lane has been opened Class A will be released then Class B, then Class C at ~~the~~ **a GTI Challenge** officials' discretion, in order to determine your starting position for Race 1. You will need to complete at least one (1) official timed lap. Your fastest time will determine your starting grid position for Race 1. Your finishing position from Race 1 will determine your grid position for Race 2 with the top six (6) in each class being inverted (after penalties are applied). Competitors that are placed on the grid for whatever reason will not be inverted (ie. Competitors that are serving penalties or that have not qualified for said race).

11.5 Cars that complete no laps during qualifying for any reason shall start Race 1 behind the last qualifying car in the same class, sorted by Championship order, number of races completed or car number, whichever is first applicable.

11.6 All cars have to enter the pit road via the weigh bridge and have their weights recorded by a committee member/official during/after any officially timed session. Competitors and cars will remain in Parc Ferme until released. A competitor failing to have his / her weight checked will result in the competitor being excluded from that session/race. Any exclusion from qualifying, for any reason, shall be the same as if the car completed no timed laps. (Rule 11.5 will apply).

11.7 If for whatever reason the Clerk of the Course, determines that no timed qualification session is possible:

- a) The grid for Race 1 will be determined by each competitors quickest lap time during the last race day at the circuit in question, including qualifying lap times. For competitors that did not attend the last race day they will start at the back of their class and be sorted by Championship order, number of races completed or car number, whichever is first applicable.
- b) Race 2 grid to be determined by the finishing order of Race 1 with the top six (6) competitors being inverted after any penalties are applied in each Class. Cars that complete no laps during Race 1 for any reason shall start Race 2 behind the last qualifying car in the same class, sorted by Championship order, number of races completed or car number, whichever is first applicable. The top six (6) qualifying cars in each class will be inverted. In the event of the class being less than six (6) cars, the whole class will be inverted. Cars that are placed on the grid for whatever reason will not be inverted.
- c) For Race 1, entries received after the close of entries as stated in the SRs will start at the back of the class but in front of new competitors.
- d) For Race 1, new competitors will be moved to the back of the grid behind late entries in class order. A new competitor is defined as any competitor who has completed less than four (4) races.
- e) For the first Raceday of the year the grid will be determined by the Championship positions from the previous year in class order (i.e. all Class A cars followed by all Class B cars, followed by all Class C cars). If a driver has changed class from the previous year, the starting position will be from the back of the class.

- 11.8 Competitors must complete at least 66.6% of the full race distance in order to qualify for position. Both races will count for points with trophies being awarded for Overall elapsed time for the two races combined.
- 11.9 Starting procedure- cars will line up in class order (i.e. all Class A cars then a **1 or 2** row gap, all Class B cars then a **1 or 2** row gap then all Class C cars). Cars will line up fastest Qualifiers in front to slowest in the individual classes. Each Class will be released separately. Class A on the first light, Class B within five (5) seconds thereafter on the second light and Class C within five (5) seconds thereafter on the third light. (All classes would need to have six official starters. If there are less than 6 starters in any of the three classes, the grid will be released via one light. In the event that any of the three (3) classes have less than six (6) cars that have recorded timed laps during qualifying the grid will be released via one light, only once the 6 cars or more in said class have recorded timed laps during Race 1 shall Race 2 then become a three (3) light start. **The Clerk of the Course may implement a three (3) light start at his/her discretion provided each Class will have six (6) starters on the Grid).**
- 11.10 There will be approximately ten (10) rounds consisting of two (2) races each subject to the official calendar published by WPMC. Away races will count for points as well. (The Championship must complete a minimum of six (6) rounds in order to crown a Champion).
- 11.11 Class points may not be transferred from one class to another. The Champions will be the competitors with the highest number of points scored in each respective class at the end of the racing season.
- 11.12 Should two (2) or more competitors end on the same points - refer to GCR229.
- 11.13 Pit lane starters are to be released with their relevant classes in the event of a three (3) light start. In the event of a one (1) light start they will be released in class order (ie Class A, B then C) at the rear of the field from pit exit.
- 11.14 All competitor's cars are to be in the designated GTi Challenge pits thirty (30) minutes before qualifying and one (1) hour before both races.
- 11.15 Any breach of procedures can be punishable but not limited to:**
- Observation,**
 - Receiving a warning,**
 - Position penalty,**
 - A time penalty, grid penalties for the next race / race meeting.**
 - Yellow / Red Cards**
 - Exclusion**
 - A fine of up to, but not exceeding R5000.00**

12. BONUS POINTS

Bonus points will be awarded for the following:

- 12.1 Race Appearance – one (1) point per race day (driver must complete at least one (1) officially timed lap, **sign and attend drivers briefing**).
- 12.2 Fastest lap – one (1) point per race, per class
- a) There must be three (3) or more starters in that class
- 12.3 Pole position – one (1) point for Race 1, per class
- a) Subject to there being an official qualifying session
 - b) Driver must qualify at the front of his / her class
 - c) There must be three (3) or more drivers qualifying in that class
- 12.4 Lap record – one (1) point (driver sets / breaks the record for the fastest lap in his / her class during a race, only one (1) point per class, per race).
- Lap records will be reset:
- Each year

- If technical engine / gearbox / tyres rules change
- Weight divisions change
- If there are changes to the Killarney Race Track

12.5 GTi Challenge meeting:

- ± A driver who attends GTi Challenge meeting will receive **two (2) points** per meeting attended. All competitors who are in possession of a GTi Challenge race number and are paid up members of the GTi Challenge Racing Section (and who hold a valid MSA licence) are deemed to be competing in the Series and are required to attend ALL meetings called by the GTi Challenge Committee (whether they competed in the last race or not). The GTi Challenge meeting appearance points will only be awarded to competitors who have already scored the race appearance point for that meeting.
- A competitor may excuse himself / herself from a maximum of two (2) meetings (and still earn the points for those meetings) per year. Apologies may only be given to a committee member before the start of the meeting. **Any “Out of town Competitors” residing or away on business (more than 50km’s from the meeting venue) may appoint a representative to attend on their behalf. This would need to be communicated to the GTi Challenge Committee via email only by no later than 17h00 on the day of the meeting. Standing arrangements can be made for competitors residing “Out of Town”.**
- Failure to attend these meetings will result in the forfeiture of the **± two (2)** GTi Challenge Championship points awarded for attendance. Competitors are to ensure that they sign the attendance registers in order to provide proof that they attended the meetings. Competitors who are excluded from the race day (not from individual races) will forfeit all bonus points. Post-race meetings are for competitors and anyone else in attendance is at the GTi Challenge Committees’ discretion.
- The Chairman / Committee has the right to expel anyone who disrupts any GTi Challenge meeting. If for any reason a meeting is postponed with less than twenty-four (24) hours’ notice, appearance points will not be allocated.

13. PENALTY POINTS

Penalty points will be deducted for the following:

- Yellow card - minus three (3) points
- The Yellow card stays in place for four (4) races where that competitor is an official starter as defined (excluding the day when the card is issued).
- Should a competitor receive a second yellow card in this period, for any offence, this will constitute exclusion; his / her points will be taken away for that particular day when the second offence was committed.

14. CLASSES

There will be 3 point scoring classes:

- Class A - Up to a maximum of 170Kw and up to 235Nm (flywheel power dyno)
Up to a maximum of 133Kw and up to 195Nm (wheel power dyno)
- Class B - Modified 1800 8v – up to a maximum of 125Kw and up to 215Nm or 2000 8v - to a maximum of 125Kw and up to 215Nm (flywheel power dyno)
Up to a maximum of 99Kw and up to 176Nm (wheel power dyno)
- Class C - Modified 1800 8v – up to a maximum of 107Kw and up to 195Nm (flywheel power dyno). Up to a maximum of 80Kw and up to 157Nm (wheel power dyno)

NB!!!!!! OFFICIAL DYNO AND FIGURES TO BE CONFIRMED AND ADVISED AT LEAST SEVEN (7) DAYS PRIOR TO THE FIRST RACE OF THE YEAR.

15. ELIGIBILITY OF CARS & COMPETITORS

- 15.1 The Championship is open to:
- Paid up members of good standing of the WPMC; and who are
 - Holders of a valid Circuit Car Racing with minimum Club Status MSA competition licence; and who are
 - Paid up members of the GTi Challenge sub section, as applicable.
- 15.2 Competitors are only eligible to score points from the time that they become members of good standing of the WPMC and the sub section.
- 15.3 Invitational competitors are welcome to race and are eligible for trophies on the day. Cars competing in the Championship shall comply with these rules, the General Competition Rules (GCRs) and Standing Supplementary Regulations (SSRs) of Motorsport South Africa (MSA) and all of the Standing Regulations and the Supplementary Regulations issued by the WPMC.
- 15.4 No car may race without carrying the full set of sponsor's decals. Stickers that are supplied by the Committee must be ordered at least two (2) weeks before the race day. Stickers ordered after that date will be charged at double the normal rate. Any car found to not have all the required stickers in the correct position will be excluded for that particular official session (Exclusion will be applied by the Clerk of the Course). The car will remain excluded until such future events where the competitor and / or his / her representative presents the car in question to a GTi Challenge Committee member for confirmation that all required stickers are placed correctly on the car.
- 15.5 Sponsor's decals are to be placed on cars as per the sticker diagrams on the GTi Challenge website www.gtichallenge.co.za
- 15.6 Cars entering by invite in Classes A/B/C, do not qualify for prize monies but trophies will be awarded by WPMC.
- 15.7 Cars not meeting the Technical Specifications judged by the GTi Challenge Technical sub-committee and the Chief Scrutineer will not be allowed to race.
- 15.8 The GTi Challenge Rules Commission, in conjunction with the Chairman and one other nominated committee member will have the final say in respect of cars meeting the technical and aesthetic rules.
- Written permission may be given for a car to race under dispensation should it not fully comply with all technical and aesthetic rules. Such written dispensation may only be given if:
- In the opinion of the technical committee, the car will not have any significant advantage over the other cars in its class due to the technical infringement.
 - The persons as mentioned above are unanimous in their decision.
 - The written dispensation will include a deadline by which the car must comply with all technical and aesthetic rules.
 - Should this deadline not be met, the car will not be eligible to enter any further races until all the technical and aesthetic requirements have been met.
- 15.9 The Official dyno ~~is The Nian Du Toit Racing Dyno~~ **will be confirmed and advised at least seven (7) days prior to the first event of the year**, unless otherwise stated in the SRs.
- 15.10 Cars found to be underweight after any officially timed session and or race will be excluded from the results of that session. (Refer rule 11.6)
- 15.11 The GTi Challenge Technical sub-committee in consultation with the Clerk of the Course, reserves the right to request that any car at random be inspected at any time.
- 15.12 Once a driver has entered and completed documentation on a race weekend, his / her car may be checked by the GTi Challenge Technical sub-committee for any infringements. Should anything on the car be found to be illegal in any official practice session, the driver will be warned and will have time until BEFORE the official qualifying session to fix / correct the infringement. It is the responsibility of the driver to ensure that the car is brought back to the GTi Challenge Technical sub-committee no later than an hour BEFORE the official qualifying session to check that the car is legal.

15.13 No spare or “T” cars are allowed once qualifying has commenced. (One chassis for the duration of the race meeting from qualifying).

16. NEW COMPETITORS

Track day experience is advised to ensure the safety of the new entrant as well as the rest of the competitors. The Committee may require that an on-track assessment and theoretical presentation be attended prior to a first race entry being accepted.

17. COMPETITOR CONDUCT

- 17.1 Competitors will abide by MSA and the WPMC regulations at all times. No competitor shall drive or conduct himself / herself in a manner that brings the sport, club, sponsors or series into disrepute.
- 17.2 The GTi Challenge Committee will not tolerate any abuse or accusations from a competitor, his / her team, family or supporters. This will result in the competitor being excluded by the Clerk of the Course from the results of the day's racing.
- 17.3 It is hereby confirmed that the GTi Challenge Committee is empowered to make use of the yellow and red cards in connection with competitor discipline and conduct in consultation with the Driving Standards Committee and the Clerk of the Course, subject to the following:
 - a) Incident reports must be completed and handed in to a Driving Standards Committee member, within thirty (30) minutes of the completion of the race, who shall liaise with the Clerk of the Course.
 - b) A yellow card shall have the effect of placing a competitor's driving conduct under observation for the following four (4) races (excluding the day when the card was issued), forming part of the Championship. Penalty points as per rule 13 will apply.
 - c) A competitor racing “under yellow” shall be required to prominently display a supplied yellow decal on both rear windows of his / her car at all times during the affected events.
 - d) If a competitor is found guilty of an offence while “under yellow”, he / she may, following an official hearing be issued with a red card.
 - e) The effect of a red card is to bar a competitor from taking part in the next race day forming part of the Championship.
 - f) In the event of the GTi Challenge Committee, the Driving Standards Committee and the Clerk of the Course deeming a first offence to be sufficiently serious so as to warrant the imposition of an immediate red card, they shall be empowered to take such action.
 - g) “Card decisions” need not be made at an event. The GTi Challenge Committee and the Driving Standards Committee may await video footage (or other suitable evidence) following the event before making a decision. This decision to be made in consultation with the Clerk of the Course.
 - h) Where a “card decision” is made on the day of an event, the affected competitor shall have the right of protest to the Stewards of the meeting Refer MSA Circuit Racing SSRs 46 to 66 (where applicable).
 - i) All cars are required to have a working video camera that will record audio and video during Qualifying, Race 1 & Race 2. The camera must be mounted to the left of the driver behind the B pillar in such a way as to see a clear 180 degree view of the track ahead of the car as well as the drivers steering wheel inputs. If requested by the GTi Challenge Committee, the Driving Standards Committee along with the Clerk of the Course all footage MUST be made available to the officials if required. Should a competitor not be able to produce footage from lights out to chequered flag when requested to do so by the GTi Challenge Committee along with the Clerk of the Course the said competitor will be excluded from timed session in question.

General

- Dangerous / reckless driving can result in a penalty.
- Only the competitor, entrant and guardian if under eighteen (18) years of age are allowed in a hearing.

Refer MSA Circuit Racing SSRs 46 to 66 (where applicable)

- a) Bumping and / or pushing of other cars on the circuit is not allowed and any competitors found doing this will be penalised by the Clerk of the Course in terms of GCR 157. The Clerk of the Course must consider infringements at previous events which resulted in penalties being imposed, when imposing penalties under this heading.
- b) Any competitor who disadvantages another competitor, even unintentionally which results in the loss of place(s) during a race will, at the discretion of the Clerk of the Course, generally be penalised so as to finish behind the competitor that was disadvantaged. More severe penalties will be applied in the case of repeat offenders. Each case will be reviewed separately. If a competitor loses two (2) places in an incident but then has a DNF or loses more places as a result of other circumstances, a reasonable position penalty may also be enforced.
- c) **“Close proximity” - It is normal for a challenging car to be in close proximity, by being directly behind, or to the inside or outside of the lead car within approximately 1 or 2 car lengths behind the front car and in a position to make an overtaking manoeuvre.**
- d) The car ahead of any other car in close proximity on the circuit may only change direction once in a straight line from the exit of one corner up to and including the entrance to the next corner. (Eg. If you exit a corner on the outside and move across to the inside line to defend the next corner, you must stay on the inside line entering the next corner) Where the natural line exiting a corner is on the outside, but the competitor then needs to move across the track to the opposite side for entry of the next corner (e.g., from a left-hand corner to a right-hand corner and vice versa), any deviation from the “normal” racing line will count as a direction change.)
- e) Mirrors: Should a competitor’s mirror be folded in; the onus is on the competitor to take extra care when involved in an overtaking manoeuvre. (Excuses such as my mirror was folded in and I could not see behind will not be accepted. A competitor with a folded mirror should leave enough room for both cars to take the corner without contact).
- f) **Straight Line racing and Sweeps**
 - i) If the front bumper of the challenging car is behind the rear bumper of the lead car in a straight line or in a sweep, the lead car may change direction and defend the position.
 - ii) The lead car may not change direction to block the challenger while the front bumper of the challenger is ahead of the rear bumper of the lead car in a straight line.
 - iii) Attention is drawn to rule 17e in regards to rule 17f, i & ii.
 - iv) Remembering, once the lead car has defended by changing direction, the lead car may not make a 2nd change of direction.

Example of Sweeps:

- Cape Town:
 - o T5 to start line
- Zwartkops
 - o T3
- Scribante
 - o T4 (Hanger Bend)
- East London
 - o T2 (Rifle)

- o Right hand sweep into the Esses.
- Redstar (clockwise)
 - o Between T6 and T7 o T10
- Kyalami
 - o Right hand Sweep after the start / finish line

g) **Entering the Corner (Phase 1)**

- i) Two or more cars entering the braking zone of a corner together, it is expected of each competitor that such cars will exit the corner without contact. Neither overly aggressive overtaking nor excessively defensive driving will be tolerated.
- ii) The lead car may enter the braking area in whichever way he / she wishes inside, middle or outside, provided the rules above have been adhered to (see 17f).
- iii) Once the lead car has entered the braking zone with a car in close proximity, the lead car may NOT change direction to block / crowd the challenger. (E.g., a competitor may choose the inside line when there is a car in close proximity but may not drift across under brakes to then try and get a better line entering the corner.)
- iv) The changing of direction by the lead car in the braking area is prohibited as this would lead to “baulking” of the challenger, and any resultant contact between the two vehicles would be deemed the fault of the lead car.

h) **Middle of the Corner (Phase 2)**

- i) If the challenger is on the inside in the braking area at the turning point and his / her front bumper is behind the centre of the leader’s B-pillar he / she will withdraw and forfeit the corner to the lead competitor to take his / her normal line. (Note: Turn in point and not the end of braking zone, as some corners require turning whilst still on the brakes) Telemetry and video footage of previous laps can also be used by the Driver Standards Committee to determine the turn in point if required.
- ii) It must be remembered that the lead car has to and will, turn with the aim of apexing unless the inside challenger is alongside and passed the B-Pillar at the turn in point.
- iii) If at the Turn in point, the inside car is past the B-Pillar of the outside car, the car on the outside cannot turn in and take the normal racing line and must give space for the car on the inside to take the corner.
- iv) If at the turn in point, the car on the outside is behind the B-Pillar of the inside car, the outside car will allow the inside car to take the normal racing line exiting the corner. (Outside car cannot try and hang it around the outside.)
- v) If the outside car’s front bumper is past the B-Pillar of the inside car at the turn in point (alongside the inside car) and remains ahead of the B-Pillar at the midway point of the corner, the inside car must allow the outside car enough room through the corner and exiting the corner.
- vi) If midway through the corner the outside car has fallen behind the B-Pillar of the inside car, the outside car must withdraw and expect the inside car to take the normal racing line exiting the corner.
- vii) Any bumping of the lead car from the back on the rear bumper is the fault of the challenger, provided no brake testing has been performed by the lead car.
- viii) Furthermore, the bumping of the outside car behind the B-Pillar by the inside car is also the fault of the inside car, if the outside car was abiding by the above rules.
- ix) The ‘Y’ or ‘T’ bone by a challenger on the inside of the lead car would be a clear indication of the challenger coming in too fast and stopping against the leader whilst he / she is turning into a corner. This indicates a clear intention of driving the lead car off the circuit or a seriously over-aggressive move and will be deemed the fault of the challenger provided the lead car abided by the rules above.

- x) The onus for a clean and clear overtaking manoeuvre lies with the challenger as he / she has a clear view of what is in front and the knowledge of the anticipated line that the lead car should or would take through the corner unless the lead car makes a premature or sudden direction change in the braking area, which would then be the fault of the lead car.

- I) **Exiting the Corner (Phase 3)**
 - i) From the “apex” out (Mid Corner), if the outside car is past the inner car’s B-Pillar at the turn in point and remains there at the midway point of the corner, the inner car will take extra care not to drift wide under power forcing the outer car wide and ultimately off the circuit at the exit.
 - ii) This is exaggerated in front wheel drive cars and drivers should exercise extra caution. The inside car should exercise extra caution to avoid contact, by lifting off the throttle, applying brakes or taking extreme evasive action. If there is no evidence of evasive action this will certainly count against the inside car. At the same time, the outside car must also take extra care not to crowd the inside car inwards of the racing line.

- J) **The Process for Reviewing Incidents and Applying Penalties**

A written intent to submit an Incident Report must be in the hands of the Clerk of the Course within thirty (30) minutes of the finish of the race concerned. Should the driver still wish to submit the incident report, then this must be submitted within one hour as per MSA Circuit Racing SSR61. Should the Clerk of the Course not have received the written intent to submit the incident report within thirty (30) minutes, then no further action will be taken on incident reports received as per MSA Circuit Racing SSR61. However, the Clerk of the Course may request further incident reports outside of this time limit. An incident report shall not place any obligation on the race officials to formally investigate the incident reported or to call a hearing in this regard. Competitors wishing to ensure that an incident is formally investigated should therefore exercise their rights of formal protest. Video footage and data, on a removable drive / memory stick, MUST BE available at any driver standards hearing. The Clerk of the Course reserves the right to refuse to accept incident reports for an incident or incidents. In this instance, the competitor will be so informed and has the right of protest as per GCR 197.

 - i) The Driving Standards committee who is tasked to investigate any incidents. Any penalties arising from this will, however, be issued by the Clerk of the Course.
 - ii) The Clerk Of the Course may issue any penalty at his /her discretion:
 - Examples of penalties, but not limited to:
 - Observation,
 - Receiving a warning,
 - Position penalty,
 - A time penalty, grid penalties for the next race / race meeting.
 - Yellow / Red Cards
 - Exclusion
 - iii) Should a competitor fail to attend a hearing, having been called by the Clerk of the Course to attend, and has not excused himself / herself from the hearing, the hearing may continue without the relevant competitor present.

18. SPONSOR DECALS

- 18.1 Refer to GCRs 246 and 249. The sponsor and series decals, which each vehicle must carry, will be identified as reserved areas. The following areas of all race cars are reserved for the display of series sponsor’s decals:
- Top of windscreen

- Top of rear window
 - Front number plate
 - Rear number plate area
 - Front right and left doors
 - Any other area as decided by the Rules Commission from time to time.
- 18.2 No personal sponsor's decals may be placed in these areas unless there is no series sponsor allocated to that position at the beginning of the racing year. Reserved areas for any sponsors received during the racing year will be decided on by the Rules Commission.
- 18.3 All series sponsor decals remain the property of GTi Challenge.
- 18.4 The first set of series sponsor decals are for the sponsors & GTi Challenge accounts. Decals are not to be tampered with.
- 18.5 Replacements are for the driver's account.
- 18.6 Failure to comply with this regulation will result in exclusion. Exclusion to be affected by the Clerk of the Course.

TECHNICAL SPECIFICATIONS

Any transgression in respect of these technical specifications will result in exclusions. Further penalties may be applied.

19. ENGINES GENERAL

- 19.1 On board data collection systems are permitted.
- 19.2 Oil coolers and spark plugs are free.
- 19.3 The breather system must discharge into a transparent catch tank or catch tank with an oil level indicator of two (2) litre minimum capacity and must be empty at the start of any practice and race.
- 19.4 Sumps may be altered but **MUST** remain a wet sump.
- 19.5 Sump plugs, oil filters, dip sticks, radiator filler cap, oil filler cap, gearbox filler / plug must all be wire locked.
- 19.6 The position of the radiator may not be changed, but larger or smaller VW radiators may be fitted. This is to be approved by the technical committee. No artificial cooling of radiators will be allowed e.g. water spraying, etc.
- 19.7 Only standard VW fuel tanks are allowed, NO fuel cells are allowed. Surge tanks are permitted (maximum capacity two (2) litre). No more than two fuel pumps are allowed. If the vehicle has an additional fuel pump it must be operative.
- 19.8 Alternators must be operative at all times. All v-belt & ribbed belt pulleys are free.
- 19.9 Batteries to remain in standard mounting position in engine bay. Additional "hold down" clamp bracket to be fitted to battery. Class A may mount batteries in the front passenger footwell provided a dry cell battery is used. All wet cell / gel batteries are to remain in the engine bay. (The GTi Challenge Technical Committee will make the final call with regard to batteries mounted in the passenger footwell).
- 19.10 Engine mounting points & mounts must remain as per factory specification & bolted to the motor & chassis in the standard position in Golf / Jetta mk1, 2, 3 & Polo mk1. Engine mounts in Polo 6R and Vivo may make use of non-factory spec mountings. Cars that make use of non-factory spec mountings need approval from the Technical Committee prior to the car competing. (Engine height & angle will be checked).

All classes may replace standard material with Polyurethane or similar material. ~~Class A cars making use of cable shift gearboxes may make use of non-factory spec mountings.~~ Mk1's may reinforce the drivers' side engine mounting but must retain the original dimensions of a standard mounting. Mk2, 3 & Polo may reinforce the original front engine mounting

20. EXHAUST SYSTEMS

Must comply with GCR245 and exit at the rear of the car in the standard position. Decibel level to comply with level specified in SRs for particular race meeting. No valves or flaps are permitted.

21. CYLINDER BLOCKS

Only VW mass produced blocks available through recognized commercial outlets are permitted.

22. INDUCTION SYSTEM

22.1 Additional air pipes may be used to supply the engine air intake with cool air. However, NO artificial cooling of induction systems / intake manifolds, such as the use of dry ice is allowed. The fuel rail may be modified to accommodate an adjustable fuel regulator and may be rubber mounted.

22.2 Class A

- ~~45 Side Draughts,~~ Throttle bodies or VW fuel injection are permitted.
- Slide throttle bodies are not allowed.
- Fuel rails & injectors are free.

22.3 Class B

- VW fuel injection. Any throttle body up to a maximum of 65mm butterfly diameter may be used. Adaptor plates (maximum width 25mm) may be used to bolt the throttle body to the VW MP9 inlet manifold. Inlet manifolds may be matched up to 80mm into the port of the manifold. Any VW injector may be used. Billet fuel rails with the same functionality as the oem rail are permitted. External fuel pressure regulators are permitted.

22.4 Class C

- VW fuel injection. Only standard throttle bodies allowed for MP9. Inlet manifolds to remain standard. Any VW injector may be used. Billet fuel rails with the same functionality as the oem rail are permitted. External fuel pressure regulators are permitted.

23. MANAGEMENT SYSTEMS

Classes A, B & C:

23.1 Only Dictator Standard, Dictator 60-2 or Dictator wasted spark ECU's are permitted

23.2 NO multiple map management systems allowed

23.3 NO launch control allowed, **wiring to be removed from harness.**

~~23.4 All management systems with adjustable pods. The adjustable pods as well as the wiring from the management plug has to be removed.~~

23.4 All management systems MUST have a working communication port - cars found not to comply will be excluded from that timed session or race and will remain precluded until the car has been presented to the Technical Committee and deemed fit to compete by the Technical Committee.

23.5 Any sensor being used by the management system MUST ONLY connect to its matching connection input. (i.e. water temp sensor only to water temp input, air temp sensor only to air temp input and may NOT run via any switchable connection.)

- 23.6 If a sensor is found to be broken or not connected when dyno or ECU checks take place, the appropriate correction factor will be the same as the figure from twenty degrees onwards.
- 23.7 If a water temp correction factor is used to keep an engine within legal power limits, the correction used must be the same from 60 degrees and above.
- 23.8 Sensor readings should reflect actual readings within reason. Management Communication ports must be accessible on the dashboard or in the cubby hole.
- 23.9 Class A will have a 7400 RPM limit for all vehicles making use of the 16v FSI engine and cable shift gearboxes. ~~Vehicles making use of the 020 rod shift gearbox will have a 7700 RPM Limit.~~

24. PISTONS AND RINGS

- 24.1 Class A - Pistons and bores are free.
- 24.2 Class B & C
 - a) Only GTi Challenge Technical Committee approved standard replacement pistons may be used – *1,5mm max oversize is allowed (i.e. 82.5mm).
 - b) Pistons may not be modified in any way except to remove metal below the lowest point of the gudgeon pin position for balancing purposes.
 - c) No machining marks are allowed on the piston tops.
 - d) At least one piston must remain unmodified. *Only if the 2.3 kombi piston is used, are you allowed to machine the step on all the pistons (no machining may be done on the 2.5 or 2.6 kombi piston).
 - e) Class B 2 Litre Engines may only make use of standard replacement pistons. 0.5mm max oversize is allowed (i.e. 83mm max).

25. PISTON HEIGHTS

- All classes** - Piston heights are free
head gaskets are free.

26. CONNECTING RODS

- 26.1 Class A - are free
- 26.2 Class B & C - Only Standard unmodified VW connecting rods may be used. One small-end and one big-end must remain unmodified. The other connecting rods may not be lightened but may be balanced.

27. CRANKSHAFT

- 27.1 All classes
Only VW mass produced crankshafts available through recognized commercial outlets are permitted.
The Crankshaft may be balanced and reground.
No knife edging or lightening of the crankshaft is allowed except for drilling and grinding of main webs for balancing purposes.
- 27.2 Class A
Standard 2.0L crank - max stroke 92.8mm
- 27.3 Class B ~~and C~~
Standard 2.0 crank - max stroke 92.8mm **(for Class B only)**
- 27.4 Class C**
Standard 1.8/1.6L crank - max stroke 86.4mm

28. FLYWHEEL AND CLUTCH

- 28.1 Class A - Free
- 28.2 Class B & C - Standard replacement clutch kits only, may be used. Flywheel may be lightened and balanced.
- 28.3 All Classes
 - a) May use standard 16V pressure plates
 - b) Double strapped clutches / pressure plates are allowed in all classes.

29. CYLINDER HEADS

- 29.1 Only VW mass produced cylinder heads available through recognized commercial outlets are permitted. Vernier gears are allowed in all classes. Competition valve springs are only allowed in Classes A & B.
- 29.2 Class A
VW 16V FSI (to remain hydraulic with original Factory roller rocker)
- 29.3 Class B
 - a) Only 8V hydraulic heads allowed.
 - b) ~~Cylinder heads can be modified, ported and run larger valves.~~ 2 Litre heads to remain standard as per factory specification.
Cylinder head ports must remain standard as per factory spec, however 3 – angle valve seats may be cut.
 - c) Only standard VW cam followers may be used.
 - d) Heads may be modified to allow camshafts to turn.
 - e) The crankshaft will determine the cylinder head rules between 1.8 and 2 Litre not the origin of the part.
- 29.4 Class C
 - a) Only 8V hydraulic heads allowed.
 - b) Cylinder head ports must remain standard as per factory specification, however 3 – angle valve seats may be cut.
 - c) Only standard VW hydraulic cam followers may be used.

30. CAMSHAFTS

- 30.1 Class A - Free (but must remain hydraulic)
- 30.2 Class B - Free (but must remain hydraulic)
- 30.3 Class C - Maximum 288-degree hydraulic camshaft is allowed (maximum lift is 11.7mm)

31. COMPRESSION RATIOS

- Class A, B & C - Unrestricted

32. GEARBOX AND DIFFS

- 32.1 Only VW mass produced casings available through recognized commercial outlets are permitted.
- 32.2 Only standard VW production gears are allowed.
- 32.3 Strengthened after-market 3rd (ratio 1.44), 4th (ratio 1.11) & 5th (ratio 0.91) gears are allowed in the rod shift (020) gearboxes. (available only from Friendly Motors)
No Limited Slip Differentials are allowed.
- 32.4 Short shift gear linkages are allowed.
Only standard factory fitted gear shift mechanisms allowed inside the gearbox.

- 32.5 No shimming of differentials allowed.
- 32.6 Bolt kits are permitted and 'L' brackets may be used to hold auxiliary shaft in place.
- 32.7 Class A:
- a) May make use of ~~5 speed rod shift gearboxes, 5 speed cable shift gearboxes or~~ 6 speed cable shift gearboxes.
 - b) Gears may be the same but no shorter than ~~1st - 3.45, 2nd - 2.11, 3rd - 1.444, 4th - 1.129, 5th - 0.91 in the rod shift gearboxes. 1st - 3.78, 2nd - 2.27, 3rd - 1.65, 4th - 1.27, 5th - 1.03, 6th - 0.86 in the cable shift gearboxes.~~ **Straight cut gear sets are allowed for 3rd, 4th, 5th and 6th gears of the ratio to one decimal point.**
- 32.8 Classes B & C:
Only 5 speed rod shift gearboxes are allowed.
- 32.9 Class A:
~~Maximum 4.25 diff ratio allowed in the rod shift gearboxes and maximum~~
The 3.94 diff ratio in the cable shift 5 & 6 Speed gearboxes is allowed.
Straight cut crown wheel and pinion shafts are permitted.
- 32.10 Class B:
The maximum of a 4.25 diff ratio is allowed.
Straight cut crown wheel and pinion shafts are permitted.
- 32.11 Class C:
The maximum of a 3.94 diff ratio is allowed.

33. **SUSPENSION**

- 33.1 Top shock turrets must remain in their standard position.
- 33.2 Track width, ground clearance and spoiler minimum heights are to be as per specification sheet. (Refer to rule 38 below)
- 33.3 Only standard steering rack and pinions are allowed, and they must be mounted in the standard position as supplied by VWSA.
- 33.4 Spacers may not be fitted in-between ball joints.
- 33.5 Polyurethane bushes are permitted for all classes.
- 33.6 Pick-up points on the body and / or chassis may not be changed or moved.
- 33.7 Only Shocks / uprights may be slotted to achieve camber settings ~~only~~.
- 33.8 Ball joints and their mountings may not be slotted or drilled bigger.
- 33.9 Top and bottom stress bars are allowed in all classes.
- 33.10 Steering rack mounting brackets on the Golf and Jetta Mk1 may be reinforced.
- 33.11 Steering column height / length adjustments are allowed.
- 33.12 Only locally available and serviceable shocks may be used (see below). (m) Struts and uprights and hubs not interchangeable between different models - i.e. Mk1 with Mk1, Mk2 with Mk2, etc.
- 33.13 Mk2/3 bearings and hubs may be fitted to Mk1 knuckle/upright. Knuckle has to be inspected and approved by the Technical Committee before fitted to the car.
- 33.14 Rear axles are not allowed to be changed between different models.
- 33.15 Rear axles may be stiffened.
- 33.16 Polo 6 chassis may make use of camber plates.
Slotting into the shock turret is allowed at the top only. (i.e. not into "sidewall" of turret).
- 33.17 Rear stub axle upgrades are permitted as long as the vehicle makes use of 232mm discs and FDB1083 brake pads (or the equivalent from other manufacturers)
- 33.18 Class A:
- a) Shocks - shock mountings & springs are free - ride heights may be adjustable as well as compression and rebound dampening. Castor plates allowed – with a maximum offset of 40mm is permitted.

- b) Standard lower control arm & ball joints and mounting positions to remain standard as supplied by VWSA.
Lower control arms may be stiffened but must retain original functionality, dimensions and be NON adjustable (must retain original silhouette).
- c) The rear bush on the front lower control arm may make use of a spherical bearing instead of polyurethane.
- ~~d) A droop limit of 65mm (+5%) will apply. Droop will be measured at static and at maximum droop with the difference not exceeding 65mm (+5%). No front anti roll bars permitted.~~

33.19 Class B:

- a) Strut casings may be shortened.
- b) Only standard lower control arm and ball joints are allowed. Lower control arms may be stiffened but must retain original functionality, dimensions and be NON adjustable. (must retain original silhouette).
- c) The Rear bush on the front lower control arm may make use of a spherical bearing instead of polyurethane.
- d) Coil over suspension allowed.
Springs are free – ride heights may be adjustable as well as compression and rebound dampening
No external or remote cylinder / canisters are permitted on the shock absorbers.
Castor plates are allowed with a maximum offset 40mm is permitted.
- e) Service ports on Gas / oil combination shocks are permitted.

33.20 Class C:

- a) Strut casings may be shortened.
- b) Standard spring seats to remain in the standard position of a factory style VW shock.
- c) Coil over springs allowed with appropriate adaptors to ensure proper fit.
- d) Spring seat heights: Front suspension leg / shock absorber - From the top of the mounting ears to the bottom of the spring cup - minimum of 153mm.
- e) Coil over suspension allowed but non-adjustable for compression and rebound.
- f) Removing the adjustable facility on adjustable struts will not be permitted.
- g) **Camber plates available from the GTi Challenge Committee only, are allowed. No caster adjustment is allowed.**

33.21 All Classes:

- a) Any brand of shocks allowed (excluding Penske) that comply with the above rules.
- b) MK1 Golf, Jetta and Fox may reinforce the front lower control arms.

34. **BRAKES**

34.1 Imported and other after-market brake discs are allowed (e.g. Powerbrake, Ferodo DS, etc.). Adjustable brake balances allowed in all Classes, but in Class C the brake bias may not be adjustable inside the car while in motion and may only be plumbed to the rear brakes. NO ABS systems are allowed.

34.2 Class A:

- a) The maximum front brake disc diameter permitted is 288mm
- b) The Brake Booster may be removed.
- c) The Master cylinder is free but **must** remain VW product.
- d) Only callipers that use ~~FDS774 brake pad or the~~ FDS1419 brake pads may be used.

34.3 Class B:

- a) Maximum front brake disc diameter permitted is 288mm
- b) Only callipers that use FDS774, FDS1398 & FDS1419 brake pad may be used.

- c) A larger volume VW production master cylinder may be fitted.
- 34.4 Class C:
 - a) The maximum front brake disc diameter permitted is 239mm
 - b) The Master cylinder is to remain as per the VWSA factory specification.

35. BODYWORK AND GENERAL

- 35.1 Only locally available VW body shells (2 or 4 door) will be allowed in Classes A and B. (Any new chassis that does not have a specification for the front and rear trackwidth already contained within these rules, must request permission in writing from the GTi Challenge Rule Commission, before the said chassis will be allowed to compete).
Class C may only make use of the Mk1 Golf chassis.
- 35.2 Only VW (OEM) spoilers and aerodynamic devices available for road use may be used (they cannot be interchanged between models, i.e. Mk1 with Mk2 or Mk3 with Mk4, etc.).
As per WPMC SRs all cars are to make use of oil catching 'nappies'.
No factory oil catching device may be used in place of the WPMC stipulated unit.
- 35.3 Commercially available air scoops are allowed.
Brake cooling ducts may be fitted but must not protrude beyond the silhouette of the car.
ONLY Mk1 models are allowed to cut holes (no bigger than 75mm in diameter) in the front bumper for brake ducting. Holes are to be cut 240 mm from outer edge of number plate gap in the middle of the spoiler section (not bumper section). If competitors are uncertain, they must first clarify with Technical Committee.
- 35.4 The width of the original body shell may not be altered / increased in any way and the top of the tyre may not protrude outside the body perimeter.
- 35.5 The rear bumper and apron may NOT be cut.
Wheel well is to remain standard.
- 35.6 Chassis may be seam welded.
Inner fender lips may be rolled or removed.
The Outside lip is to remain standard as per the VWSA factory specification (no "flaring" is permitted).
- 35.7 Outer headlights, taillights and brake lights must remain in working order. The inner headlights may be removed for cooling but the holes must be covered by mesh.
- 35.8 On Mk1 two door models, rear passenger windows may be replaced with Perspex / Lexen should glass not be available.
- 35.9 Mk1/2/3/4/5 & Polo 1/2/6 & Vivo may remove rear windows and hatch window and replace with Perspex / Lexen ONLY if it can be demonstrated to the satisfaction of the Technical Committee that the weight limit cannot be achieved. Such approval must be obtained in writing BEFORE replacement.
- 35.10 The Top valance at wiper motor may be removed. Material may be removed from interiors of vehicles only if it can be demonstrated to the satisfaction of the Technical Committee that the weight limit cannot be achieved.
Such approval must be obtained in writing before removal.
The driver's door to retain a working window mechanism.
The Cars body, inclusive of the doors, may not be cut if there is ballast weight added.
- 35.11 Racing seats must be fitted and
Race steering wheels may be fitted.
- 35.12 Racing harness is compulsory in compliance with GCR239.
- 35.13 Roll cages in compliance with GCR239 are compulsory.
Roll cages may be bolt in and must have at least six (6) mounting points.
Bars running from the roof to floor must be continuous with minimum bends and NO welded points.
Roll cages may protrude the firewall and connect to the front shock turrets.

- 35.14 A Drivers side impact bar is compulsory.
- 35.15 The Dashboard must remain standard apart from localized cutting for roll cages.
Any form of instrument cluster may be used and additional gauges may be fitted. (Classes A and B may make use of carbon fibre dashboards, so long as it replicates the original dashboard and is passed by the GTi Challenge Technical Committee).
- 35.16 Front wipers **two (2)** and motor compulsory and must be in working order.
- 35.17 Bonnet clips must be fitted.
Cut-off switches must be fitted (as per GCR 239 ~~the current MSA Handbook~~).
A Driver side Window Net is recommended but not compulsory.
- 35.18 No towing brackets to protrude beyond the front bumper.
- 35.19 All weight reductions or material replacements to be approved in writing by the GTi Challenge Rules Commission.

36. WHEELS AND TYRES

- 36.1 No chrome plated or split rims allowed. Wheels to a max of 15" x 7J only.
Standard wheel bolts may be replaced by studs.
Wheel spacers are permitted but must have location spigots to match wheels being used.
- 36.2 The only tyres permitted is the Dunlop DZ03G 195/55R15 compound ~~only permitted~~.
a) Each Class A driver will only be allowed to have ten (10) tyres marked for racing per year.
b) Each Class B driver will only be allowed to have eight (8) tyres marked for racing per year.
c) Each Class C driver will only be allowed to have six (6) tyres marked for racing per year.
d) In addition, four (4) marked GTi challenge tyres may be carried over from the previous year. These tyres can only be one (1) year old and must have the valid GTi Challenge year stamp and corresponding car number clearly marked on the tyres.
Carry over tyres will only be marked before the first race of the season (except for new drivers).
e) These tyres must also be used. New tyres will not be allowed.
f) These tyres will have to be re-marked for the new racing year.
g) New drivers may mark four (4) used tyres for race number one (1) as well. (for any driver that changes classes, the GTi Technical Committee will work out a pro-rata tyre allocation)
- 36.3 Each driver is allocated a race number. When racing, the competitor's number, car number and marked number on the tyres must all correspond.
- 36.4 Tyres may only be purchased through the GTi Challenge Committee approved tyre representative (~~G&A Promotions~~) (**Harp Motorsport**). All new tyres will be marked including car number. All tyres that are presented for remarking need to have an existing GTi Challenge year stamp in place.
- 36.5 The GTi Challenge Committee reserves the right to mark tyres in any way for checking.
- 36.6 The use of unmarked tyres during a race day, inclusive of qualifying, will result in the exclusion of the competitor concerned from that timed session.
- 36.7 The Committee may allocate up to two (2) extra tyres per driver, per year for away race use only. Competitor's will be informed of the tyre allocation when the away race venue is announced.
- 36.8 Replacement tyres will only be allocated if the tyre is damaged under extreme conditions. (Mechanical failure, or severe accident damage) This tyre must have been new (one race day old). If they are 50% or less, a tyre will not be allocated. You will only be allowed one replacement tyre per year. This replacement tyre will not come off your allocation, but the driver will still have to pay for this tyre. (The GTi Challenge Technical Committee still reserves the right to give permission to this request.)
- 36.9 Wheel studs must not protrude more than 3mm out / beyond the end of the wheel nut.
Wheel nuts may not measure longer than 30 mm in length.

No wheel stud/wheel nut combination may protrude past the edge of the rim / lip (ie when a straight edge is placed across the diameter of the rim / lip it must pass over the wheel stud / nut combination without touching the wheel stud or nut).

- 36.10 Wheel spokes may not protrude more than 3mm beyond the lip face (ie. when a straight edge is placed across the diameter of the rim / lip of the wheel the spokes may not protrude more than 3mm beyond straight edge) Official tool to be used.

37. **FUEL**

- 37.1 As per GCR 240 and, GTi Challenge drivers are allowed to increase the octane of Unleaded fuel via commercially available lead-free octane boosters with the max octane = 102.6RON,
37.2 Ethanol is also permitted as an additive to regulation Fuel.
37.3 NO funny juice
37.4 NO artificial cooling / freezing of fuel allowed.
37.5 Methanol is strictly forbidden

38. **SPECIFICATION SHEET – HEIGHTS and WIDTHS**

- 38.1 The ground clearance must be a minimum of 135 mm from the centre of the bolt on the front inner lower control arm (standard mounting point).
If a driver is found to be below minimum ground clearance, he / she will be excluded from that timed session and/or race.
Once the vehicle's ground clearance has been corrected and presented to the GTi Technical Committee for approval, the competitor will start the remainder of that race day from the back of his / her class.
The Spoiler minimum height is 85 mm (Ground clearance & spoiler height to be measured with driver in the car & with steering wheel pointing straight ahead).

- 38.2 Track width:

Model	Front (mm)	Rear (mm)
Golf MK1 / Fox	1660	1610
Golf / Jetta MK2	1680	1660
Golf / Jetta MK3	1730	1680
Polo Classic	1690	1630
Polo Vivo	1700	1640
Polo 6	1710	1685
Polo 6 Sedan	1710	1685 1720

The measurement will be taken between the two tyres, from the outer edge of the wheel rim, on the vertical point closest to the ground.

If a vehicle is found to be outside of the set track widths the competitor will be excluded from that timed Session and/or race. Once the vehicle's track width has been corrected and presented to the GTi Technical Committee for approval, the competitor will then start the rest of the day from back of his / her class.

39. **SPECIFICATION SHEET - POWER TO WEIGHT**

- 39.1 Secondary Dyno - 1st Performance (Wheel power) Dyno Figures:
a) **CLASS A** - Min 1090kg up to a max 133Kw up to max 195Nm

- b) **CLASS B** - Min 1050kg up to a max of 99Kw and up to 176Nm
- c) **CLASS C** - Min 950kg up to a max of 80Kw and up to 157Nm
- 39.2 Primary Dyno – ~~Nian du Toit Racing TBC~~ Dyno (Flywheel power) figures:
 - a) **CLASS A** - Min 1090kg up to a max 170Kw up to max 235Nm **TBC**
 - b) **CLASS B** - Min 1050kg up to a max of 125Kw and up to 215Nm **TBC**
 - c) **CLASS C** - Min 950kg up to a max of 107Kw and up to 195Nm **TBC**
- 39.3 The above weights are for driver and car combined.
- 39.4 Cars will be weighed after qualifying and all races.
- 39.5 Additional weight may only be added within the confines of the passenger side footwell compartment or under the driver's seat.
- 39.6 All ballast attachments must be approved by the GTi Challenge Technical Committee and/or MSA Scrutineers.

*Specifications for new model cars will be accommodated as they are built, i.e. Beetle, Golf 4 and 5 as well as New Polo (hatch and classic).

40. PROTESTS / TECHNICAL CHECKS

- 40.1 All cars must be run on the GTi Challenge designated dyno before they are raced. All dyno runs on the Official Dyno are to be logged in ~~Nian du Toit Racing TBC~~ Dyno GTi Challenge Logbook.
- 40.2 In order to protest a car / competitor, a fellow competitor must fill in a "Protest Form" within ½ hour of the 2nd race of the day. These forms will be available at the Clerk of the Course office.
- 40.3 The protest must be specific i.e. motor, power, gearbox, suspension, brakes, bodywork, etc.
- 40.4 The car(s) in question will have their bonnets locked and will be locked away in a designated area at the racetrack.
- 40.5 Checks will be done at an agreed venue and time as specified by the Clerk of the Course in consultation Chief Scrutineer and/or TC.
Should the car(s) be illegal (and the fault be seen as an unfair advantage), the Clerk of the Course or the Stewards (in the case of a protest) in consultation with GTi Challenge Committee will exclude the driver(s) from the results for the day and no points will be awarded. A further penalty of two (2) race meetings ban may be applied at the discretion of the Clerk of the Course.
- ~~40.6 If the car is found to be illegal after qualifying or 1st race, it will not be allowed to continue racing on the day. Should the competitor protest the exclusion they will be allowed to race under protest.~~
- 40.6 If the Technical Committee declares a car illegal for fuel, ground clearance, weight infringements or track width, the competitor will have the opportunity to correct his / her car before the next race. The competitor will have to present the vehicle to the technical committee before the next time session or race. Failing this the car shall remain precluded from competing at the event.
- 40.7 Fuel may not be added. ~~so~~
Competitors are required to finish a race or qualifying with a minimum of five (5) litres of fuel left in the fuel tank.
- 40.8 The following procedure applies with regards to dyno run checks:
 - a) After a race or qualifying session, and once the car has gone over the weigh bridge it will be parked in parc ferme (Refer to GCR 252);
 - b) All competitors to switch off their engines and move away from their cars;
 - c) Once all competitors have their engines switched off their cars and moved away the technical checks will be announced (which will be supported by a request form signed by the Clerk of the Course, Chairman and Head of GTi Challenge Technical Committee);

- d) The ~~Nian du Toit Racing~~ Dyno **TBC** will be the primary Dyno (flywheel power). Cars will be held at parc ferme until the cars are instructed to move across to the dyno by GTi Challenge or MSA Officials.
The cars / competitors are to remain in parc ferme conditions until released by the GTi Challenge Committee, on instruction of the Clerk of the Course.
The 1st Performance Dyno will be the secondary Dyno (wheel power). Cars will be held in parc ferme until the cars are instructed to move across to the dyno by GTi Challenge or MSA Officials.
- e) The Clerk of the Course (or appointed representative for the Clerk of the Course) and at least two (2) GTi Challenge Committee members will be present at the dyno. Once cars are at the official dyno centre and still in parc ferme conditions, the engines are to be switched off and NOT kept idling and the driver is required to move away from his / her car;
- f) Before the car can be set on the dyno, the driver or his official (in writing) representative must be present and the official representation letter must be presented to the committee before the car will be allowed to be set on the dyno.
- g) Cars will be set on the dyno by the driver or his official representative. The bonnet of the car on the dyno must be closed and the auxiliary fan be placed in front of the car 100mm to 500mm from the front edge of the car's bumper). The fan must be on for ALL RUNS (warm up – below 50 degrees Celsius and power runs – above 50 degrees Celsius measured at ECU) ;
- h) The car will be run by the dyno operator at his / her discretion. At no point during any of the dyno runs may the power exceed the prescribed limits for the class in question.
- i) If the car is **on or below or inside the 3% tolerance the power limit for the class in question** the car is declared legal and may be removed from the dyno.
- j) If the car is over the ~~3% tolerance~~ **maximum power limit for the class in question** the car is declared illegal. The driver will be excluded from the timed session in question and will start the next timed session of the same race day from the pit lane or the next race from the back of his/her class. In the event of a power exclusion said competitor/s shall de-tune his / her car to the legal power limit for the relevant class. ~~excluding the 3% tolerance.~~ [Measured on the Official Dyno and confirmed by the GTi Challenge Technical Committee before said competitor shall start from ~~pit lane~~ **the back of his/her Class** (same day) ~~or qualify / race (next race meeting)]~~
- k) At this time the driver and / or driver's need to indicate to the chairman that he intends to protest (refer to part IX of the GCR's). In this case, the car needs to be impounded and locked away (at a venue determined by the chairman in conjunction with the Clerk of the Course). If not, the car can be released from parc ferme by the Clerk of the Course.
- l) No cars may, be run on the official dyno once qualifying has started and until the following day, unless it is requested from the Technical Committee at which point the Committee has the sole discretion to refuse the request or not. The costs of the dyno run in this regard is at the expense of the driver;
- m) The Technical Committee has the right to check and reset a cars air fuel ratio & timing in order to attain maximum power out of the motor (air / fuel ratio will be checked between 12.00 & 12.99 & timing will be set to a minimum of 23 degrees above 3500 rpm). If the Kw or torque figures are over at any time during this check the car will be excluded. This check is purely at the Technical Committee's discretion.
- n) The GTi Challenge Committee, Officials, Organisers/Promoters or the designated dyno operator (including the business itself) will not be held liable for any damages to the car should it break whilst on the dyno.
- o) In the event of the cars not being run on the dyno on race day. A warm up procedure will be used. Once the car has been placed on the dyno, the operator will run the car until he / she is satisfied that the engine is warm enough to proceed.
- p) All official power runs will be done in 4th gear across all classes.

- q) A dyno run may be aborted or aborted and restarted (for mechanical reasons, wheel slip etc.) at the Technical Committee's / dyno operator's discretion. The dyno operator may utilise any of his equipment to effect a dyno run.
- r) Once the dyno checks are completed (1st Performance only) the cars may be towed back to the Race Track.

41. TECHNICAL CHECKS

- 41.1 For technical checks by the GTi Challenge Technical Committee, the same procedure will be followed. If the checks are too difficult to be done at the track, the cars will be locked away and an agreed time will be arranged.
- 41.2 The GTi Challenge Technical Committee reserves the right to request that any car, at random be checked.
- 41.3 The GTi Challenge Technical Committee reserves the right to mark and seal the motor as well as ECU's and on-board ports (for laptop interfaces). The Committee reserves the right to plug into the car(s) ECU at any time during an impound within a controlled environment.
- 41.4 Should any of these seals / markings be tampered with, the driver will be excluded from the day's results.
- 41.5 If there is any uncertainty as to the legality of potential modifications affecting these markings / seals, it is the responsibility of the competitor to seek approval in writing from the GTi Challenge Technical Committee. Failure to do so, will result in exclusion should these markings / seals be inspected.
- 41.6 All bonnets and fenders are to have holes (minimum 4mm) drilled into them for the purpose of wire locking. The holes are to be drilled not more than 10cm from the front edge of the fender / bonnet. The fender will require two holes while the bonnet will require only one. Cars that have distributors will also require having the fastening bolt for the distributor drilled for wire locking (minimum 4 mm hole).

42. RULES COMMISSION

- 42.1 The GTi Challenge Rules Commission will be made up of five (5) technically able members that have mechanical & technical knowledge regarding race cars.
- 42.2 The Commission will comprise of a Chairman & four (4) members.
- 42.3 The Commissions mandate will be to oversee any rule changes regarding the GTi Challenge Racing Series.
- 42.4 Rule suggestions may be sent to the Commission for consideration. Once the Commission has made the necessary changes the draft will be sent to WPMC SportCom for final approval.
- 42.5 Commission members will be chosen by the GTi Challenge Committee (i.e. Chairman, Vice chairman, Drivers Rep & Technical Chief) & the Commission Chairman and members of the Commission may be current drivers.

43. ENDURANCE RACE

- 43.1 The GTi Challenge rules will apply to this race in their current form unless stated otherwise below.
- 43.2 Should for whatever reason it happens that the endurance race does not take place on the specified day, Race 2 will be a normal 8 lap race with applicable scoring.
- 43.3 Race 2 for the GTi Challenge Championship will be a one-hour endurance race. Entry is subject to each car entered having two competitors, one being the GTi Challenge Championship competitor, the second one being a MSA licenced competitor and WPMC member. GTi Challenge membership for the second driver is not needed.
- 43.4 The GTi Challenge Committee will extend an invite to the second competitor at the GTi Challenge Committee's discretion.

- 43.5 The car will be entered under the GTi Challenge competitor's number. Second competitors may not have any GTi Challenge starts to their names for the current season.
- 43.6 The GTi Challenge competitor will qualify the car for both races.
- 43.7 Qualifying will be as per clause 11.
- 43.8 The drivers may select who will start the endurance race.
- 43.9 The method of starting the Endurance race will be a standing start. The Starting Grid will be formed from fastest car to slowest car from qualifying regardless of Class.
- 43.10 The pre-race holding area will be utilized.
- 43.11 Cars will then proceed to the weigh bridge in grid order to be weighed before the endurance race starts.
- 43.12 Car and driver combinations are to be of legal weight before and after the race.
- 43.13 Penalty weights will not be implemented for the endurance race
- 43.14 Pit allocation for the endurance race will be done by the GTi Challenge Committee.
- 43.15 When cars are in pit lane they may only be worked on in the pit apron and not in garages.
- 43.16 Cars are to be stopped behind the yellow pit apron line.
- 43.17 No competitor may be in the car for more than thirty-five (35) minutes on the timekeeper's clock, only one competitor change is permitted. The competitor change window will be from the 25th minute [25:00] and completed by the minute [35:00]. Competitor may only enter the pit lane for a driver change after the 25th minute and must be in the pit lane by the time of the 35th minute. Failure to comply with the competitor change time frames will result in exclusion. Cars are to remain stationary in their pit bays for two (2) minutes during driver changes. (Cars must remain stationary for 120 seconds during competitor change)
- 43.18 No ballast may be added to or removed from the car during the endurance race other than fuel.
- 43.19 Penalty for any rule infringement during the endurance race will start from one (1) lap to a maximum of five (5) laps deducted at the discretion of the Clerk of the Course.
- 43.20 Only the two (2) competitors and two (2) designated pit crew may work on their car, but not while refuelling the car.
- 43.21 Competitors may assist each other in and out of the car.
- 43.22 Refuelling stops: The competitor is to switch the car off, then exit the car before refuelling commences.
- 43.23 Once refuelling is complete only then may the competitor enter the car and restart.
- 43.24 Refuelling may only be carried out with a can and jigger pipe, by a maximum of two people, who are appropriately dressed.
- 43.25 It is the competitor's responsibility to make sure that he / she is safe to leave the pit apron NOT the marshals.
- 43.26 Unsafe release will be penalized.
- 43.27 Pit lane speed limit of 40km/h will be enforced.
- 43.28 Lap records will not be recorded for the endurance race.
- 43.29 One extra tyre will be added to the competitor's allocation for the year provided that he / she is a classified finisher (refer to rule 11.8); In the event of the endurance race being the last race of the season the tyre rep will mark the extra tyre as an endurance race tyre. Only if the driver is a classified finisher may the endurance race tyre be utilized as a carry-over tyre. Endurance tyres may only be collected from the tyre rep after the penultimate round. In the event that this extra tyre is taken by the competitor it MUST be used for the endurance race and therefore must be on the car at the start of the endurance race.
- 43.30 Five (5) appearance points will be awarded to all classified finishers over and above normal appearance points. Furthermore, the endurance race will count for double points (e.g. 1st place will receive 14 points if classified a full field).
- 43.31 Points will only be awarded to the GTi Challenge competitor and NOT the second driver.

44. CERAMIC COATING

ONLY exhaust manifolds may be ceramic coated.

45. ACCEPTANCE OF REGULATIONS

Each driver will sign a document confirming receipt and acceptance of these rules and regulations before competing in any GTi Challenge race, Championship or Series.

46. SOCIAL MEDIA

Social media, including, but not restricted to, Facebook, Instagram, Twitter, WhatsApp etc. is a powerful and wide-reaching medium for the expression of views and opinions, and the sharing of photographs and video. As such, competitors should be aware that their conduct on social media regarding the WPMC GTi Challenge Racing - Club Championship, WPMC, its drivers and sponsors should reflect the impact social media has. If a competitor is considered to have brought the Championship and / or WPMC into disrepute in the opinion of the Championship Controllers, they may be subject to a penalty or disqualification from the Championship.

Additionally, competitors are reminded that Motorsport SA monitor social media and any remarks that are deemed to bring the sport into disrepute can lead to penalties.

For clarity, it is accepted that crashes are an inevitable feature of motor racing and the posting on social media of imagery containing a crash does not bring motorsport into disrepute, but competitors are reminded that careless associated comments may do.

47. VOTING

Only competing members who have competed within the section at a minimum of two (2) race meetings within a period of the previous AGM and that year's AGM may vote. If applicable, are also paid up members of that section and or are members of the standing committee are allowed to vote at sections yearly AGM.

For further information or clarification contact:

Zaki Hendricks (Chairman) - 0723526616

~~(TBC @ 6 February GM)~~ **Dario Busi** (Vice Chairman)

- **0764309258** ~~TBC~~