Technical Regulations
V15.10

This is an important document. All Participants should read these Regulations before completing the relevant entry form. Please contact Competent Motorsport if you have any questions in relation to these Regulations.

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1. Introduction

Competent Motorsport, LLC is proud to sanction the Porsche Trophy West USA racing series.

The Porsche GT3 Cup Trophy cars and Porsche Cayman GT4 Clubsport Trophy cars are featured in some of the most exciting racing around the world. Using these iconic cars as platforms, this series is aimed at amateur and semi-professional racers – drivers who do not make their living in motorsports.

The series enjoys technical and parts support from Porsche Motorsport North America and is proudly sponsored by Pirelli Tires.

This Series and these competitions are sanctioned by Competent Motorsport, LLC under its Technical and General & Sporting Regulations.

In order to provide for the orderly conduct of these competitions, these Technical Regulations are provided, and in conjunction with the General & Sporting Regulations shall comprise the Regulations for the conduct of the Porsche Trophy West USA series. All participants in these competitions and any part of this Series must be fully aware of and are subject to all these regulations and shall be bound by them, as they may be amended, supplemented or superseded from time to time, and all participants are responsible for compliance therewith.
2. Concept

One Make Racing using stock (OE), as Delivered from PMNA /Porsche AG, Porsche 991.2 /991.1 GT3 Cup, Cayman GT4 Clubsport FIA/ COMP (982), Cayman Clubsport/ MR (981), 997- 991 GT3R, 991.2, GT3 Cup/ MR, 997.2 GT3 Cup, 997.1 GT3 Cup and 996 Cup cars.

The Series is designed to keep competition fair and low cost by minimizing the possible changes to the cars as delivered. Therefore, any technical action by competitors in contravention with these principals is subject to penalty.

2.1 All cars must be original Porsche Cup cars as delivered by Porsche and the VIN number must reflect this. No aftermarket conversions to Cup cars are permitted.

2.2 Except where specifically permitted herein, there are no changes permitted to the cars from their original specifications. There must be no welding, cutting, machining, drilling, acid dipping or other chemical treatment of the car to change its mechanical properties. Any change to the car that is not specifically permitted in the Technical Regulations is expressly prohibited.

2.3 Except where specified, all parts must be stock, original equipment (OE) and in the original location as delivered. This means that they must be the Porsche designated parts that were as the car was delivered and be listed in the Porsche parts catalog for that car for that model year. For example: Water and oil radiators, ducting, bodywork, suspension components, wheels, driveline, engine and components etc.

Transposition of parts from one model year to another is not permitted except as specified herein. Modification of any supplied part, modifying their mounting or mounting position is prohibited.

2.3.1 It is permitted to carry out work on a vehicle which is part of the regular maintenance of the vehicle or which serves for the replacement of parts that have become defective as a result of wear or accident.

The utilization of components manufactured by Porsche for other vehicles is prohibited. Standard fasteners such as nuts, bolts, washers, circlips, spring washers, split pins, etc., may only be replaced with original Porsche spare OE parts. In case of threaded fasteners, the type, size and pitch of the thread must not be changed.
2.4 If, in the sole judgment of the Technical Director, the cars do not meet the spirit or intent of these Technical Regulations, he may order them to be corrected to be in compliance prior to any further participation in the Event.

Any waiver of any technical requirement by the Technical Director shall specify the length of time the waiver shall be in force and shall not constitute an ongoing waiver, or a waiver for any other cars for the same issue.

2.5 Limits of Adjustments: Except as may be specified or permitted in these Technical Regulations, the limit of any adjustment on the car shall be the range of adjustment permitted by the stock parts using the stock fixation points as supplied by the manufacturer. No additional adjustment points within or outside the range may be created by altering parts from their as manufactured configuration.

2.6 It is the responsibility of the participant to read, understand and comply with The Technical Regulations. Failure to do so will not provide any relief from The Technical Regulations. Competitors will be notified by Competent Motorsport, LLC. SR’s and other means for Technical Regulation changes. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA. The most current PMNA technical manual and parts catalogue (as found on PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to a specific vehicle model, type and year will be referenced as part of the Technical Inspection process.
3. Eligible Cars for the 2019 Season

3.1 Cars shall be separated into classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platinum Class</td>
<td>Porsche 911.2 GT3 Cup Cars, Model Years 2017-2019</td>
</tr>
<tr>
<td>Gold Class</td>
<td>Porsche 911.1 GT3 Cup Cars, Model Years 2014-2016</td>
</tr>
<tr>
<td>Diamond Class</td>
<td>Porsche 911.1 GT3R Cars, Model Years 2016-2018</td>
</tr>
<tr>
<td>Diamond Class</td>
<td>Porsche 997 GT3R, Model Years 2010-2012 EVO 2013</td>
</tr>
<tr>
<td>Emerald Class</td>
<td>Porsche 911.2 GT3 Cup MR Cars, Model Years 2018-</td>
</tr>
<tr>
<td>Silver Class</td>
<td>Porsche GT4 Clubsport SRO, Clubsport Comp Cars, Model Years 2019-</td>
</tr>
<tr>
<td>Bronze Class</td>
<td>Porsche GT4 Clubsport Cars with Trophy Kit, Clubsport MR Model Years 2016</td>
</tr>
<tr>
<td>911 GT3 Cup</td>
<td>Porsche 997.2 GT3 Cup Cars, Model Years 2010-2013</td>
</tr>
<tr>
<td>911 GT3 Cup</td>
<td>Porsche 997.1 GT3 Cup Cars, Model Years 2006-2009</td>
</tr>
<tr>
<td>911 GT3 Cup</td>
<td>Porsche 996 GT3 Cup Cars, Model Years 1999-2005</td>
</tr>
</tbody>
</table>

3.2 All bodywork must remain stock OE and no alternate parts (except as provided for herein) are permitted. No unauthorized modifications are permitted to the bodywork.

3.3 Wings: Wings-Reference Class/Car specific Appendix

- OE wing and wing mounts must be used and may NOT be altered in any way from their OE configuration. Nothing may be done to alter the position of the wing and wing mount in relation to the body of the car, from OE position.
- The position of the wing element may be changed within the OE adjustment range. No additional adjustments or mounting holes may be made.

3.4 Under extraordinary circumstances, a competitor may apply to the Race Director and Technical Director, who shall consult with the Series Director, Competent Motorsport, LLC, for permission to replace an irrevocably damaged chassis tub with another of equal specification or another car not currently entered in the event. Any decision regarding the approval or non-approval of any replacement/substitution is not subject to protest or appeal.
4. Driver Safety Equipment

Drivers must wear the following safety equipment while taking part in Porsche Trophy West USA competition:

4.1 Drivers must be equipped with full-face helmets of recognized high quality which include a face shield to a standard below.

Helmets:
- FIA 8860-2004, FIA 8860-2010, FIA 8859-2015 are permitted.
- SFI Foundation SFI 31.1, SFI 31.1A, SFI 31.2A (All expire December 31, 2018) are permitted.
- Any exposed hair must be completely covered by fire-resistant clothing.
- Any damaged helmets may be retained by the series and forwarder to the certifying organization.
- Modification of helmets is prohibited (drilling of holes, etc.)

4.1.1 Drivers must have the “Eject Helmet Removal” kit, the Stand 21 “Lid Lifter Balaclava” or the ROUX helmet removal system as installed by the manufacture, in their helmets.

4.2 All drivers must wear overalls, gloves, underwear, balaclava, socks and shoes homologated to the FIA 8856-2000 or SFI 3.2A/5 standard, required.
- Regardless of the number of layers of a suit, fire retardant NOMEX® or Carbon-X underwear is mandatory.

4.3 All racers must use a Head and Neck Restraint (HANS) meeting standards of SFI 38.1, FIA 8858 HNR, FIA 8858-2002, FIA 8858-2010.

4.3.1 All drivers must wear an approved Head and Neck Restraint (HANS) device during all phases of the Event. Drivers are strongly recommended to use helmets with tether-anchorages fitted by the manufacturer as original equipment. These helmets are identified by a glossy silver holographic FIA label. It is also strongly recommended to use homologated tethers, identified by a FIA 8858 label.

4.3.2 Sternum straps are not allowed for use with the HANS due to possible interference issues. HANS-specific two-inch hybrid shoulder straps must be used in conjunction with this system providing they meet harness certifications from FIA, SFI 16.1, or SFI 16.5.

4.3.3 Any HANS device must have a Silver and Blue SFI 38.1 Sticker and/or a Silver and Black FIA 8858-2002/2010 sticker. The SFI sticker is punched with month and year.
4.3.4 Head and Neck Restraint Devices which only carry a Black FIA 8858-2002/2010 sticker (no SFI sticker) must have the tethers replaced five (5) years after the date of manufacturer.

4.3.5 Head and Neck Restraint Devices which are certified to SFI Spec. 38.1 must be inspected and re-certified every five (5) years, effective January 1, 2012. The device must be sent back to the Original Manufacturer for inspection after five (5) years from the date of manufacture punched out on the label. When a device is determined by the original manufacturer to be acceptable for continued use, a new SFI 38.1 conformance label marked with the inspection date will be affixed and the device will be valid for use for another five (5) years from that date.

4.3.6 Any head and neck restraint system must be inspected after a serious incident. If any cracking, delaminating or elongation has occurred, the unit must be replaced.

4.3.7 Devices that meet or claim to meet SFI or FIA specifications but do not actually carry an SFI or FIA certification sticker are not approved.

4.3.8 Evaporative-loss Freon cool suits are permitted with Series approval on a case by case basis.

4.3.9 Drivers’ complete safety equipment must be presented at Technical Inspection for inspection by Competent Motorsport’s technical department.

4.3.10 Driver suit and Team uniform Series patches locations. see Appendix 9

5. Technical Inspection/Mandatory Safety Requirements

Competitors are obliged to present their cars for Technical Inspection at the request of the series Technical officials, at any time during the event. Failure to do so may result in penalties up to and including exclusion.

Each entered car must be inspected and approved by the Technical Director or their delegated assistant(s) before it will be allowed to participate in competition or qualifying. There will be a sign-up sheet for Technical Inspection appointments.

At the first event, signups will be taken on the “first to show up” basis. At subsequent events sign up requests will be scheduled based on point standings. Missing the scheduled Technical inspection time without notifying CMS staff will incur a qualifying lineup penalty.
No expressed or implied warranty of safety shall result from this inspection or approval. It is at all times solely the responsibility of the Entrant to have their car free from mechanical defects and in safe racing condition.

Cars damaged or altered after they have been approved at inspection are subject to re-inspection and approval. Competent Motorsport, LLC officials will make the final decision on the safety and eligibility of an accident-damaged vehicle.

Major body components must be maintained in normal position throughout the competition. Questionable cars are subject to approval by the Technical Director.

Cars shall present a neat, clean and professional appearance.

5.1 Technical Inspection (Scrutineering)

5.1.1 Competent Motorsport, LLC at its sole discretion, retains the right to impound any car for Technical Inspection at any point in the Event and in case of doubt, may retain any car after the Event until such matters have been resolved. Such Technical Inspection may include the disassembly of various parts of the car, including the engine. Competitors accept that in order to complete such inspection, the mandatory seals may be broken and it is the sole responsibility of the competitor to have any broken seals replaced prior to further competition. Failure to comply may result in Exclusion.

Competent Motorsport may reject, at its sole discretion, any system that either does not meet the requirements, or appears to be defective or inappropriate in any way. No warranty of safety, express or implied, shall result from inspection or approval of any system by Competent Motorsport, LLC.

5.1.2 The timing, location, method and type of car inspection, and the number of vehicles to be inspected at any Event will be determined by the Technical Director.

5.1.3 When instructed by the officials to go to the inspection (Impound/Parc Ferme) area, cars must proceed directly and without delay, with a team representative. A car not driven directly and immediately to Impound is subject to penalty. No Data downloads or tire pressure checks allowed in pit lane. The car may not be touched by the team representative(s) until directed by a series Technical official.

5.1.3.1 A team representative(s) must be present at Impound/Parc Ferme to be informed of any decisions taken regarding possible technical checks.
Three (3) team representatives maximum per car are permitted at any time unless otherwise directed by a series Technical official.

5.1.3.2 Team equipment is prohibited in Impound unless otherwise directed by a series Technical official.

5.1.3.3 Computers and/or electronic equipment are prohibited in Impound/Par Ferme unless otherwise directed by a series Technical official.

5.1.4 It is the responsibility of the Driver or Entrant to prepare a car for inspection when requested to do so by the Technical Director or their assistant(s). Any expense incurred, except in the case of a protest, shall be the liability of the Entrant. Preparation of a vehicle for inspection must be performed in a timely manner as determined by the Technical Director. Any part that does not comply with these Technical Regulations may be indefinitely retained by Competent Motorsport, LLC.

5.1.5 Admittance to any area in which inspections are being made is controlled by the Technical Director.

5.1.6 Each car entered must submit to Technical Inspection during scheduled hours.
- At each event all vehicles will be given a schedule time for a compliance inspection of their vehicle (see Article #5)
- b. All driver safety equipment (fire suits, helmets, HANS device, helmet lift systems etc.) will also be inspected for compliance.
- c. A minimum of 2 team members and the Driver are required at Technical Inspection.

5.1.7 Measurements under these Technical Regulations:

a. Both metric and English dimensions may be given. In such cases, when the two systems do not equate exactly, measurements for compliance during inspection will normally use the system most advantageous to the Entrant.

b. The Technical Director may establish tolerances for measurements taken during inspection; may require components on the car to fit Competent Motorsport, LLC templates, fixtures; may require Competent Motorsport, LLC monitoring/data collection devices to be fitted to a car.

5.1.8 Appearance: Clean and neat, no old damage.

5.1.9 Identification numbers must be placed on both sides, front and rear bumper. And must be legible to the satisfaction of the Race Director.
Specific requirements may be provided in Event Supplementary Regulations. See Appendix 2

5.1.10 “Pirelli P-Zero" Racing Tires: Mandatory, unless Supplementary Regulations provide otherwise.

5.1.11 Fluid Leakage: Not allowed.

5.1.12 Driver Safety Equipment: see section 4.

5.1.13 Compliance with series sponsor advertising requirements is mandatory.

5.1.14 Mandatory Stickers:

a. All stickers must be applied in accordance with Appendix 2 prior to participation in the first on-track session.

b. All stickers must comply with the standards established by Competent Motorsport, LLC for the Porsche Trophy West USA Series.

c. Cars found without Series required stickers during the event will not be eligible for competition. Stickers of other tire manufacturers, must be removed prior to the first on-track session.

5.2 Mandatory Safety Requirements

5.2.1 OE belts are strongly recommended. Competitors are responsible for ensuring that any seat, seat belt and mounting are compatible, properly installed, appropriate and safe for competition. Competent Motorsport LLC. may reject, at its sole discretion, any system that either does not meet the requirements or appears to be defective or inappropriate in any way. No warranty of safety, express or implied, shall result from inspection or approval of any system by Competent Motorsport, LLC.

5.2.1.1 Alternate belts must meet current FIA or SFI certification and must bear the label of certification. Belts must be specified by the manufacture as being compatible with the HANS device. A 6-point Driver’s restraint system, lap belt and shoulder harness to FIA standard 8853-98 or SFI 16.5 is required.

Shoulder harness belts must be crossed for HANS device when not mounted directly behind the seat.

5.2.1.1.1 SFI CERTIFICATION - SFI tagged harnesses are punched with the month and year of manufacture. SFI certifications (16.1 & 16.5) shall
expire on two years after the date of manufacture as indicated on the label. There should be three labels on each complete harness – one on a shoulder belt, one lap belt, and one sub-strap.

For example, a harness SFI-tagged with a manufacturing date of 4/2012 would expire at the end of April 2014.

5.2.1.1.2 FIA CERTIFICATION - FIA harnesses have tags printed by each manufacturer. FIA harness certifications are good for a period of 5 years from the date of manufacture. FIA harnesses may be used until December 31st of the year printed (or stamped) on the tag. There should be one FIA tag on each element of the harness.

For example, a harness FIA-tagged with an expiration year of 2018 would expire and the end of December 2018.

5.2.2 Stock OE seats are recommended. However, alternatives are permitted, provided that the following requirements are met:

- Seats: Only currently permitted FIA or SFI seats and mountings are permitted (FIA Sporting Code Appendix J, Art. 253.16) and such seats must bear the label of certification.

- The floor of the car must not be modified in any way and the original mounting holes must be used in all cases.

- The driver seat may be filled with FIA approved foam covered with fire-resistant material, to suit the driver’s morphology.

5.2.3 SEATBACK BRACES - Seats homologated to and mounted in accordance with FIA standard 8855-1999 or higher need not have a seat back attached to the roll structure. The homologation labels must be visible. Seat supports shall be of the type listed on FIA technical list No.12 (lateral, bottom, etc.). Seats which have an expired FIA certification (over 5 years old) or do not have an FIA certification require seat back bracing, even if the back of the seat is very close to the horizontal roll cage tube.

- Should seat back bracing be required, it must be attached to the horizontal tube on the main hoop of the cage. Braces must either be bolted securely to the seat utilizing a metal plate of no less than 12 sq. inches to distribute the load, **OR**, if not bolted to the seat, a brace of similar minimum dimensions must be in contact with the seat back. Minimal energy absorbing padding is allowed between the brace and seat back. It is recommended that if not attached to the seat the brace be designed where possible to wrap around both sides of the seat to prevent lateral movement.
5.2.3.1 Seats: Seats – Reference Class/Car specific Appendix

5.2.3.2 OE/Recaro/OMP seat as supplied from Porsche

5.2.4 Nets: Nets-Reference Class/Car specific Appendix

- Type 991/982/981 cars must use the Safecraft bullet release on left side net in conjunction with the required Porsche Motorsport mounting kit. Welding to the roll cage is prohibited.
- Installation of the net must be in contact with the head support and attached slightly inboard at the rear. Net must be installed with some tension.
- The upper strap of the net must be at or above the center of gravity of the helmet of the driver of the car.
- The net(s) must be dated by the manufacture and must be replaced per the manufacturer’s specifications.

5.2.4.1 The installation of an "inside" or right-side net is permitted and highly encouraged.

- Only safety nets meeting FIA 8863-2013 or SFI Spec 37.1 are permitted.
- Horizontal webbing shall face the driver, providing the smoothest surface for the helmet.
- Approved release mechanisms are the Safecraft bullet style, and approved FIA 8863 systems

5.2.4.2 If the driver’s door window is removed a window net meeting FIA Specifications (FIA 8863-2013 or SFI 37.1) must be fitted.

5.2.5 All cars must be equipped with two master electrical circuit breakers, one accessible from inside (accessible by the Driver when normally seated and fitted with the mandatory safety harness), and the second outside the car, that control all electrical power (except electrically actuated fire systems).

The preferred outside location is the Drivers side cowl area. The circuit breakers must be clearly marked by a spark in a blue triangle.

5.2.6 All cars must have at least two operating red brake lights and two taillights. Amber brake lights will not be permitted. (During a competition, the Race Director may accept one functioning headlight, one functioning taillight and one functioning brake light due to damage or equipment failure).

5.2.7 Headlamp tape. One strip of 70mm x25mm clear tape on the top of each lamp.
5.2.8 Class/Car colors on the rear wing end plates and side mirrors are required.

5.2.9 Class/Car colors for head lamp covers are required:

<table>
<thead>
<tr>
<th>Headlamp Covers</th>
<th>Side Mirrors/ Rear Wing End Plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platinum Class: Clear</td>
<td>Black/ PMS Black C</td>
</tr>
<tr>
<td>Gold Class: Yellow</td>
<td>Gold/ PMS 115 U</td>
</tr>
<tr>
<td>Diamond Class: Clear</td>
<td>Red/ PMS 1797 C</td>
</tr>
<tr>
<td>Emerald Class: Green</td>
<td>Green/ PMS 354 C</td>
</tr>
<tr>
<td>Silver Class: Clear</td>
<td>Gray/ PMS Cool Gray 3 C</td>
</tr>
<tr>
<td>Bronze Class: Yellow</td>
<td>Bronze/ PMS 876 C</td>
</tr>
<tr>
<td>911 GT3 Cup (997.2): Blue</td>
<td>Blue/ PMS 7455</td>
</tr>
<tr>
<td>911 GT3 Cup (997.1): Orange</td>
<td>Orange/ PMS 021 C</td>
</tr>
<tr>
<td>911 GT3 Cup (996): Clear</td>
<td>Black/ PMS Black C</td>
</tr>
</tbody>
</table>

Head lamp covers are available from Laminx - Call Jeff at 706-955-0677 or email jeff@lamin-x.com for precut kits.

5.2.10 Two external rear-view mirrors must be installed. Minimum dimension of each external mirror: 100 cm². An additional Longacre 14”or 17” center mount mirror is allowed using supplied mounting hardware. Mounting method is subject to CMS approval.

5.2.11 Safety fuel cell meeting FIA Spec FT-3 is permitted and highly recommended.

Note: FIA-FT3 specification requires that the fuel cell bladder be recertified/renewed every 5 years

5.2.11.1 If fitted, the fuel cell must be mounted outside the Driver’s compartment, separated by firewalls, flame and leak proof, and protected as far as practicable by the roll cage. Steel or steel braided fuel lines with appropriate fittings, fuel cell check valve, and vent line check valve are mandatory.

5.2.12 Hoods, deck lids and movable body sections must be secured with supplemental pins or fasteners. Latches / locks must be deactivated.

5.2.13 Supplemental pins used to secure movable body sections (such as hoods, doors, fenders, lids and removable tops) must have attaching cables to prevent accidental loss of pin.

5.2.14 No concealed pressure type containers, feed lines or actuating mechanisms are permitted, even if inoperable.
5.2.15 Full roll cages of approved design are mandatory. Material and construction specifications and recommended designs are contained in FIA Sporting CODE, Appendix J, Article 253, Section 8 and in these rules. Competitor must be prepared to drill inspection hole(s) in the roll structure for verification.

5.2.16 A fire suppression system is required and must be in certified working order at all times. The on-board fire suppression system must be Porsche stock or of a size and an approved extinguishing material that is in accordance with the FIA Sporting CODE, Appendix J, Article 258A.15.1, or equivalent Competent Motorsport approved equivalent. Trigger must be marked with a red circle with the letter "E" and be operable by the Driver and also from outside the car. Outlets must be directed into the Driver, engine and fuel compartments. Fire system batteries to be “Fresh”. To be inspected at Technical Inspection.

5.2.17 All cars must be fitted with one front and one rear towing eye, painted red, accessible without the use of tools and be clearly marked with a red arrow on a white background. They must be securely fitted to the chassis of the car by means of a metallic rigid element (cable loops are forbidden). They must be strong enough to allow recovery of a car lying on its flat bottom in a gravel bed. Should the towing eye break, the track marshals will pull the car to a safe position using any element of the chassis or of the bodywork whatsoever, which they consider strong enough, and the car may be excluded from the race. In the event that a car is damaged as a result of these actions, Competent Motorsport, LLC will accept no responsibility for any damage caused, however it may have been caused.

5.2.18 In all cases, the Driver must be able to easily exit the car through both the Driver side and the passenger side in an emergency.

5.2.19 An on-board starter and energy source must remain functional at all times, except when deactivated in an emergency by the master electrical circuit breaker.

5.2.20 An "arrow" sticker denoting tow hook location.

5.2.21 If the Technical Director determines prior to the race that a car does not meet the applicable specifications, the car will not be allowed to compete unless, in the discretion of the Technical Director, the deficiency

- Will not affect safety;
- Cannot be corrected in time for qualifying or the race (if no qualifying);
• Will not provide the competitor a significant competitive advantage over other competitors;
• Is so insubstantial as not to warrant a determination that the car is ineligible to race.

5.2.22 If the Race Director permits the car to compete under these circumstances, the Technical Director will apprise the competitor in writing of the deficiency, and the car will be prohibited from competing in any future Events if the deficiency has not been corrected.
6. Eligible Engines & ECU's

6.1 The engine must be stock. As delivered from PMNA or Porsche AG.

6.1.1 The engine must be originally sealed by PMNA or Porsche AG.

6.1.2 Engines must remain sealed and retain all markings affixed by PMNA or Porsche AG.

6.1.3 The competitor is responsible for the state of the seals and their presence at all times.

6.1.3.1 Missing or deteriorated seals will be considered an infringement of these Regulations.

6.1.4 All repairs and internal maintenance operations must be performed by PMNA. Any intrusion into the engine is forbidden.

6.1.5 Engine oil: Mobil 1 engine oil
   - All engine oil additives are strictly PROHIBITED

6.2 The entire exhaust system must remain stock, including interior and tail pipes. Reference Class/Car specific Appendix

6.3 Replacement of the engine must be reported immediately to the Technical Director in writing. If the engine is changed following Qualifying, the car must start the race from the back of the grid.

6.4 Engine Control Units OE as supplied by PMNA or Porsche AG.

6.5 Only the stock Engine Control Units (ECUs) with PMNA programming are permitted. Tampering with or re-programming of the ECU is strictly prohibited. Except as provided for herein, no additional electronics may be installed between the ECU and the engine. The wiring harness must remain stock.

6.5.1 ECU's may be sealed to the connectors at Technical Inspection Tampering with or breaking the affixed seals is prohibited. Only Series officials or authorized Porsche Motorsports technicians may break the seals, which must then be replaced by the Series.

6.5.2 ECU's are subject to random seizure and replacement at any time by Series officials.

6.5.3 Authorized Porsche Motorsport and Series officials may access and inspect the ECU programming at any time during the Event.
7. Drive Train

7.1 Transmission/Gearbox – Stock. Sealed by PMNA, Porsche AG or Competent Motorsport, LLC officials.

7.1.1 Transmission gear oil:
- Reference Class/Car specific Appendix
- All transmission gear oil additives are strictly PROHIBITED.

7.1.2 Transmissions may be sealed at Technical Inspection. Tampering with or breaking the affixed seals is prohibited. Only Series officials or authorized Porsche technicians may break the seals, which must then be replaced by the Series, or PMNA, Porsche AG.

7.1.3 Gear Ratios
- Reference Class/Car specific Appendix

7.2 Differential - Stock OE.
- Reference Class/Car specific Appendix
- Torque break testing at the discretion of the Technical Director at events.
- Must be sealed together with the transmission by PMNA, Porsche AG or Series Officials.

7.3 Clutch – Stock OE.

7.4 CV Joints and Axle – Stock OE.

7.5 “Blipper”
- Reference Class/Car specific Appendix

7.6 Gear Change
- Reference Class/Car specific Appendix

8. Suspension

8.1 May be adjusted within existing tolerances except where these Regulations specifically prohibit. All original parts must be retained in their original mounting positions.

8.2 Shock Absorbers (dampers)
- Reference Class/Car specific Appendix
8.3 Anti-Roll Bars
  • **Reference Class/Car specific Appendix**
    o Cars must use stock OE Front and Rear Anti-Roll Bars.
    o May be disconnected but no parts removed.
    o May be adjusted using only OE range of adjustment holes.

8.4 Springs
  • **Reference Class/Car specific Appendix**
    o Stock OE main and helper must be used. All parts must be retained in their original mounting positions.

8.5 Ride Height
  • **Reference Class/Car specific Appendix**

8.5.1 Ride height of vehicle is measured “ready to race” including driver's weight and Dry-Type (slick) tires. see Appendix 3. The ride height must only be changed within the existing OE adjustment range.

8.5.2 Ride height may be measured at any time during the Event. The steering wheel must be straight when measuring ride height.

8.5.3 Ride height is measured with required Dry-Type (slick) tires with a tire pressure of 29 psi ± 1.5 psi.

8.5.4 Ride height is measured for the front axle at: See **Class/Car specific Appendix**

8.5.5 Ride height is measured for the rear axle: See **Class/Car specific Appendix**

8.6 The trailing arm axle bearing points of the front and rear wishbones must be left in the Stock position. The screw positions of the trailing arms at the wishbone bearing points may be altered within Stock range of adjustment only.

8.6.1 Lower control arm: All components of the lower control arm including trailing arm trailing arm bearing mounting position must remain in original OE position.
8.7 Suspension Adjustment: The suspension may be adjusted within the scope of the specified OE settings. All genuine OE parts must be retained without modification.

8.8 The maximum spacer washer thickness in the front and rear axle control arms are:
- Reference Class/Car specific Appendix

8.9 Camber/ Tire Pressure
Camber and/ or Tire pressure guidelines may be communicated by the tire manufacturer or series officials.

8.10 Wheelbase: Measured from the center of the Front hub to the center of the Rear hub at Ride Height
- Reference Class/Car specific Appendix

9. Dash and Data Collection

9.1 Reference Class/Car specific Appendix
9.2 All 2017 and newer vehicle must utilize stock OE dash and data logging system as supplied with vehicle. No substitutions are permitted.
9.3 No additional displays are allowed on any 2017 and newer vehicles

9.4 Data collection permitted, however:
- Permitted sensors are those listed in Porsche technical manual: The sensors delivered on the car from Porsche AG, PMNA, are the only ones allowed. No additional sensors
- GPS sensors are permitted.
- All other sensors are prohibited, including, but not limited to shock pots. No other sensors are permitted, connected or disconnected, attached to the car.
- Wireless (radio, IR, mobile device or any other method) transmission of telemetry data to or from the car is prohibited.

10. Fuel
10.1 All cars must use unleaded fuel as prescribed by Porsche AG/PMNA
- The allowed fuel is 97 octane to 101 octane unleaded race fuel (examples: Sunoco 260 GTX, VP 100 and VP 101).
- All fuel additives are strictly Prohibited.
• Fuel testing samples may be collected, at the discretion of the Technical Director, at any time during the event.

11. Windows

Reference Class/Car specific Appendix

11.1 Front and rear windows must remain stock OE. Damaged or Cracked windshields must be approved by the Technical Director prior to track use.

11.2 Side door windows must remain stock OE, with the following exceptions:

• Driver’s door window may be removed and replaced with a window net meeting FIA Specifications (FIA Art. 253.11 or SFI 27.1) if air conditioning unit is inoperable at the event.

• Passenger side door window may be removed with no window net required.

• A NACA duct may be installed on the side window for the purpose of cooling the driver. Maximum of 1 per side with 2 ducts permitted per car. Ducts must be translucent.

11.3 Stock rear side windows may be modified with air scoops or holes, but a minimum of 1” or the original border of the window must be retained 997.2/997.1/996 Classes only

• Platinum and Gold Class Stock OE with no modifications allowed.
• Diamond and Emerald Class Stock OE with no modifications allowed
• Silver and Bronze Class Stock OE with no modifications allowed.

12. Brakes and Brake Pads

12.1 Reference Class/Car specific Appendix

12.2 Porsche OE brake systems, including calipers, disc's, master cylinders, pads and fluid must be stock OE parts as delivered for the model year of the car.

12.3 Cars must utilize the stock OE master cylinder(s) in the stock OE position(s) (front and rear).

13. Weight

13.1 The minimum weight of car, with driver properly attired in required racing equipment, will be as follows at all times during the Event:

• Reference Class/Car specific Appendix
13.2 Ballast
- Any ballast must be carried in a PMNA ballast box. Using only original Porsche ballast components. The ballast must be installed in the designated fixing points in the position of the passenger seat area. This is the only approved location for ballast to be added. See Appendix 9

- Driver comfort systems (ice chest) must be placed in passenger seat ballast area or on the passenger floor board.

- No weight may be removed from the stock structure of the car and placed in the ballast box. Ballast box and weight plates must be purchased from PMNA.

14. Wheels
- Reference Class/Car specific Appendix

15. Tires
15.1 The specified (spec) tire of the Series is the “Pirelli P-Zero Slick”. Tires for the Series may only be obtained from the authorized distributor:
   Bob Schaefer
   Frisby Performance Tire
   702-433-7390
   bschafefer@frisbyracetire.com
   Tires must be ordered from Frisby Performance Tire two weeks prior to Event.

15.2 Tires used during any official Event session must be the spec tire of the Series. Allowed are three (3) sets of Dry tires “Slicks” for a two (2) race event. All tires for the event to be used for Qualifying and Race must be Stamped by series officials or Pirelli staff. Practice session tires do not require Stamping. Replacement tires must be approved by the Technical Director.

15.3 The number of wet tires used during an Event is not limited; however, competitors must use only the approved Pirelli wet tire. Tires are subject to inspection for compliance at any time, at the option and sole discretion of the Technical Director.

15.4 If a race is officially declared a “wet race” prior to the start, competitors must use only the approved Pirelli wet tire for the race unless otherwise instructed by the Race Director. This also applies to a declared “wet” qualifying session.
15.5 Tire warmers are prohibited; grooving of or otherwise modifying dry or wet tires is prohibited; Chemical treatment of tires is prohibited; tire pressure control valves are prohibited.

15.6 Any action designed to alter the tires as supplied, or to use alternate tires, is prohibited.

16. Miscellaneous

16.1 Towing eyes
Front and rear towing eyes supplied with the car must be properly mounted and marked.

16.2 Steering wheel
May be stock or changed, so long as it is continuous and round. Quick disconnects & Hub extensions permitted.

16.3 Exhaust
- **Reference Class/Car specific Appendix**
- Stock OE required for all classes
- Additional mufflers may be required to meet local ordinances. Turn outs are allowed

16.4 In-Car Cameras
- Mandatory. Only the following cameras are allowed: AIM Smartycam HD or GP HD, VBOX Video HD2, GoPro Hero 3 or newer, MoTec V2 (video only)
- Single camera systems must be mounted facing forward, in the center of the car, behind the driver. Multiple camera systems must include both the driver and forward facing center field of view. Mounting directly to a Roll Bar or with GoPro style glue on mount is required. No suction cup mounts are allowed.
- CAN connection is allowed for video recording from the approved collection only. PMNA Technical staff to provide access.
- Competent Motorsport, LLC has right to impound footage from competitors at the discretion of the Race Director at any time during the event.
- Cameras must be able to record a complete race distance.

16.5 Pit to Car Voice Radios
- Required in all phases of competition.
- All competitors are required to monitor Competent Motorsport Race Control frequency, 461.2000 DPL 432 (Appendix 10)
• At all times that the Car is on the racetrack, a minimum of one (1) team member in the Pit Box must have radio communication with the Driver. At all times during a Session, a minimum of one (1) team member in the Pit Box must monitor the published Race Control frequency.

16.6 Battery: Stock OE
• Must remain in stock location.
• Must be securely mounted.

16.7 Wheelbase
• Wheelbase may be measured; this measurement will be from the center of the rear hub to the center of the front hub at Ride Height.

16.8 Transponders
• Transponders must be mounted inside the front right fender well.

16.9 Driver Comfort Systems:
• Driver cooling and/or fresh air systems are permitted. Type and installation subject to Competent Motorsport, LLC approval. Ice chest must be placed in the passenger seat ballast area or on the passenger floorboard.
• Driver drink systems are permitted.

16.10 Aerodynamic Aids
• 991.1 GT3 Cup

16.10.1 The use of clear or black tape to cover the central cooler, affixed to the radiator opening screen, in horizontal line to regulate the water temperature is permitted. Provided the central cooler is completely taped, additional tape may be added in similar horizontal and symmetrical fashion to the left and right-side coolers. Otherwise the taping over of body slots and openings is not allowed.

16.10.2 With the exception of what is stated in section V15.10 5.2.7 of the Technical Regulations, the use of tape to cover any mechanical components or adjustments is prohibited.

• 991.2 Cup and 981/982 GT4 Cayman

16.10.3 The use of tape or any material to cover the radiator openings is prohibited. Taping over of body slots and openings is not allowed.

16.10.4 With the exception of what is stated in section V15.10 5.2.7 of the Technical Regulations, the use of tape to cover any mechanical components or adjustments is prohibited.
## 17. APPENDIX 1A – Platinum Class 991.2 GT3 Cup

**Class:** Platinum  **Description:** 991.2 GT3 Cup (2017-2019)

**NOTE #1:** 911 GT3 Cup defined by Porsche using FIA standards for safety components.

**NOTE #2:** The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (991.2 GT3 Cup) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Series Number (Typical)</strong></td>
<td>• WPOZZZ99Z#S19XXXX (# = Variable Letter; X = Variable Digit)</td>
</tr>
</tbody>
</table>
| **Engine Specification** | • Engine to be sealed by PMNA/ Porsche AG  
• Number and layout of cylinders/ 6cylinder Boxer  
• Type of charging/ Normally Aspirated  
• Location of engine/ Rear Longitudinal  
• Type of cooling system/ Liquid  
• Bore/ 102.015 +0/ 0.1mm, Stroke/ 81.5 +0/ 0.1mm  
• Maximum compression ratio/ 13.3  
• Cylinder capacity/ 3996 cm3 |
| **Intake System** | • Material of manifolds/ Carbon fibre, Aluminum, Rubber  
• Manifolds are to be sealed with no leakage |
| **Gearbox Specification** | • Gearbox to be sealed by PMNA/ Porsche AG  
• OE/Sequential/ Paddle Shift/ Electro-Pneumatic  
• Ratios: 1st 13x 41  
  2nd 17x 40  
  3rd 19x 36  
  4th 19x 29  
  5th 24x 30  
  6th 34x 35  
• Constant 17x 41  
• OE “Blipper”  
• Tampering with or breaking the affixed seals is prohibited. Only authorized PMNA technicians or Series officials may break seals, which must then be replaced by PMNA, Porsche AG or the Series |
| **Differential Specification/ Final Drive** | • Differential to be sealed by PMNA/ Porsche AG  
• Location/ Integral with gearbox  
• Final Drive Ratio/ 14x22  
• Type of Differential/ Limited Slip |
| **Brake Package** | • Slip Limitation/ Mechanical (Plates/ Ramps) Number of Plates/ 6+ 6  
• Angle of Ramps/ 52 Degree (Drive)/ 30 Degree (Coast) |
| **Brake Calipers Front** | • OEM/ Performance Friction Corporation/ Mandated  
| | • PFC/ Aluminum Alloy/ 6 piston/  
| | • FA Left 991.351.427.8A  
| | • FA Right 991.351.428.8A |
| **Brake Calipers Rear** | • PFC/ Aluminum Alloy/ 4 piston/  
| | • RA Left 991.352.427.8A  
| | • RA Right 991.352.428.8A |
| **Brake Discs Front** | • PFC/ Steel/ 380mm Diameter/ 32mm Thickness (new)/  
| | • FA Left 991.351.105.8A  
| | • FA Right 991.351.106.8A |
| **Brake Discs Rear** | • PFC/ Steel/ 380mm Diameter/ 30mm Thickness  
| | • RA Left 991.352.107.8A  
| | • RA Right 991.352.108.8A |
| **Brake Discs Rear** | • PFC/ Aluminum Alloy/ 6 piston/  
| | • FA Left 991.351.427.8A  
| | • FA Right 991.351.428.8A |
| **Brake Discs Rear** | • PFC/ Steel/ 380mm Diameter/ 32mm Thickness  
| | • FA Left 991.351.105.8A  
| | • FA Right 991.351.106.8A |
| **Brake Pads Front** | • PFC/  
| | • 991.351.942.8A |
| **Brake Pads Rear** | • PFC/  
| | • 991.352.942.8A |
| **Brake Fluid** | • PFC/  
| | • 991.355.960.8A |
| **Wheel Size, Offset, Manufacture and Part #'s.** | • Front: BBS / Aluminum one piece/ 10.5”x 18”/ 28mm Offset/ Part# 991.362.131.8A  
| | • Rear: BBS / Aluminum one piece/ 12”x 18”/ 53mm Offset/ Part# 991.362.151.8A |
| **Minimum Weight** | • 2855 lbs. (Without Fuel/ WITH Driver) |
| **Minimum Ride Heights and Measuring Location** | • Front: 78mm at 991.2 Cup reference point (see graphic Appendix #6 Technical Regulations V15.10)  
| | • Rear: 100mm at 991.2 Cup reference point (see graphic Appendix #6 Technical Regulations V15.10) |
| **Damper Type** | • Only OE Sachs Dampers in their original condition and mounting positions may be used  
| | • Front: OE/ Sachs/ Part# 991.343.045.8D  
| | • Rear: OE/ Sachs/ Part# 991.333.051.8A  
| | • Bump Stops: OE/ Part# 991.333.677.8A |
| **Anti-Roll Bar Type** | • Front: OE/ Steel/ Part# 991.343.173.8A  
| | • Rear: OE/ Steel/ Part# 991.333.171.7A  
| | • May adjust using only OE range of adjustment  
| | • May be disconnected/ with no parts removed |
## Main and Helper Springs
- Stock OE Main and helper must be used / Retained in their original mounting positions
- Front: OE/ H&R/ Part# 991.343.531.8C main/ 996.343.537.90 helper
- Rear: OE/ H&R/ Part# 991.333.531.8C main/ 997.333.537.90 helper

## Wheelbase
- 2456 +/-10mm

## Track: Minimum/ Maximum
- Front: OE as delivered
- Rear: OE as delivered

## Overall Length
- 4564 +/-5mm

## Aerodynamics Aids
- The use of tape or any material to cover the radiator openings is prohibited. Taping over of body slots and openings is not allowed.
- With the exception of what is stated in section V15.10 – 5.2.7 of the Technical Regulations, the use of tape to cover any mechanical components or adjustments is prohibited.

## Overall Width of Bodywork
- Front: OE as delivered +/- 1%
- Rear: OE as delivered +/- 1%

## Rear Wing
- OE wing and wing mounts must be used; and may NOT be altered in any way from their OE configuration/ nothing may be done to alter the position of the wing and wing mounts from the OE position.
- OE wing and wing mounts may be changed within OE adjustment range/ no additional adjustments or mounting holes may be made.
- Rear Wing 991.2 Cup / Part# 991.512.892.8A
- Left Wing Support 991.2 Cup / Part# 991.512.681.8A
- Right Wing Support 991.2 Cup / Part# 991.512.682.8A
- Rear Wing Gurney Mandatory/ Part# 991.512.105.8A

## Front Splitter
- OE as delivered

## Overhang
- Front: 1046 +/-10mm / Measured from the center of the Front axle to the leading edge of the vehicle (Front Splitter included)
- Rear: 1075 +/-10mm / Measured from the center of the Rear axle to the trailing edge of the vehicle (Rear Wing Excluded)

## Cambers
- Note: Cambers subject to Tire manufacturer recommendation.
- Front: -4.0 degrees (Suggested Maximum)
- Rear: -3.5 degrees (Suggested Maximum)

## Camber Spacers
- The maximum spacer washer thickness in the Front and Rear axle control arms.
<table>
<thead>
<tr>
<th>Competent Motorsport, LLC</th>
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<tbody>
<tr>
<td><a href="http://www.competentms.com">www.competentms.com</a></td>
</tr>
</tbody>
</table>

- Front axle: 18mm
- Rear axle: 15mm

**Suspension Type**
- Front: McPherson Strut / Adjustable for height, camber and toe/ Forged and adjustable top mounts/ Coil Spring/ Shock Absorber/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) / Electro-Hydraulic Power Steering
- Rear: Multi- Link/ Adjustable for height, camber and toe/ Forged top mounts/ Coil Spring/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound)

**Lower Control Arm**
- (See Graphic - Technical Regulations V15.10 section 8.6.1)

**Dash/Data/Data Collection**
- Must use OE dash and data logging system as supplied with the vehicle/
- Cosworth OE Dash/ Data Logging: Cosworth ICD and IPS with series approved software set ups

**Restrictions for Secondary Data/Dash Systems/ 991.2**
- All 2017 and newer vehicles Must utilize stock OE dash and data logging system as supplied with the vehicle. No substitutions are permitted
- No additional displays are allowed on any 2017 and newer vehicles

**Exhaust System Type**
- OE/ Standard exhaust system as delivered

**Water Radiator/ Oil Radiators**
- Aluminum Alloy/ Part#
- Center 991.106.038.90
- Left 9P1.121.251
- Right 9P1.121.252

**Radiator/ Headlamp Tape Restrictions**
- Reference 5.2.7 (Headlamp Tape)/ 16.10.1, 16.10.2, 16.10.3 and 16.10.4 (Aerodynamic Aids) Tech Regs V15.10

**Fuel Tank**
- FIA FT3-1999 Specification
- 100 liters Capacity

**Windscreen**
- Safety Glass/ Part# 9P1.845.011

**Seats**
- OE/ Recaro seat required
- Seat may be adjusted by removing or adding upholstery
- Only PMNA approved padding may be used. (Appendix # 9 Technical Regulations V15.10)
- The original mounting /seat rail and bracket/ must be retained

**Window Net**
- Mandated use of OE/ Safecraft bullet release on Left side net.
- Mandated use of Porsche Motorsport mounting kit/ Part# 991.722.511.7C/ Welding to the Roll Cage is Prohibited
• Installation of the net must be in contact with the head and attached slightly inboard at the rear. Net must be installed with some tension.
• The Upper strap of the net must be at or above the center of gravity of the helmet of the Driver.
• The net(s) must be dated by the manufacture and must be replaced per the manufacturer’s specifications.

| Center Nets | Mandated use of OE/ Safecraft system  
|            | Part# 991.722.523.7A |

| Windows   | Front, Rear and Side windows must remain OE/ Damaged or cracked windshields must be approved by the Series Technical Director prior to track use.  
|          | A NACA duct may be installed on the side window for the purpose of cooling the driver. Maximum of 1 per side with 2 ducts permitted per car, Ducts must be translucent. |
18. APPENDIX 1B – Gold Class 991.1 GT3 Cup

Class: Gold    Description: 991.1 GT3 Cup (2013-2016)

NOTE #1: 911 GT3 Cup defined by Porsche using FIA standards for safety components.
NOTE #2: The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (991.1 GT3 Cup) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA

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<tr>
<td>Series Number (Typical)</td>
<td>WPOZZZ99Z#S19XXXX (# = Variable Letter; X = Variable Digit)</td>
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<tr>
<td>Engine Specification</td>
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<td></td>
<td>Number and layout of cylinders/ 6-cylinder Boxer</td>
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<td></td>
<td>Type of charging/ Normally Aspirated</td>
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<td>Location of engine/ Rear Longitudinal</td>
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<td>Type of cooling system/ Liquid</td>
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<td>Bore/ 102.7+0/ 0.1mm, Stroke/ 76.4+0/ 0.1mm</td>
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<td>Maximum compression ratio/ 12 :1</td>
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<td>Cylinder capacity/ 3.797 cm3</td>
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<td>Intake System</td>
<td>Material of manifolds/ Carbon fibre, Aluminum, Rubber</td>
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<td>Gearbox Specification</td>
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<td>Ratios: 1st 13x 41</td>
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<td>6th 34x 35</td>
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<td>Constant 17x 41</td>
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<td>OE “Blipper”</td>
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<td>Tampering with or breaking the affixed seals is prohibited. Only authorized PMNA technicians or Series officials may break seals, which must then be replaced by PMNA, Porsche AG or the Series</td>
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<td>Differential Specification/ Final Drive</td>
<td>Differential to be sealed by PMNA/ Porsche AG</td>
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<tr>
<td>Brake Calipers Front</td>
<td>PFC/ Aluminum Alloy/ 6 piston</td>
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<tr>
<td></td>
<td>• FA Left 991.351.427.8A</td>
</tr>
<tr>
<td></td>
<td>• FA Right 991.351.428.8A</td>
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<tr>
<td>Brake Calipers Rear</td>
<td>PFC/ Aluminum Alloy/ 4 piston</td>
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<tr>
<td></td>
<td>• RA Left 991.352.427.8A</td>
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<td>• RA Right 991.352.428.8A</td>
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<tr>
<td>Brake Discs Front</td>
<td>PFC/ Steel/ 380mm Diameter/ 32mm Thickness (new)</td>
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<td>• FA Right 991.351.106.8A</td>
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<td>Brake Discs Rear</td>
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<td>Wheel Size, Offset,</td>
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<td>Manufacture and Part #’s.</td>
<td>Offset/ Part# 991.362.131.8A</td>
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<tr>
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<td>Rear: BBS / Aluminum one piece/ 12&quot;x 18&quot;/ 53mm</td>
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<td>Offset/ Part# 991.362.151.8A</td>
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<tr>
<td>Minimum Weight</td>
<td>2855 lbs. (Without Fuel/ WITH Driver)</td>
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<tr>
<td>Minimum Ride Heights and</td>
<td>Front: 78mm at 991.2/ 991.1 Cup reference point (see graphic Appendix #6</td>
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<tr>
<td>Measuring Location</td>
<td>Technical Regulations V15.10)</td>
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<td>Rear: 100mm at 991.2/ 991.1 Cup reference point (see graphic Appendix #6</td>
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<td>Technical Regulations V15.10)</td>
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<td>Damper Type</td>
<td>Only OE Sachs Dampers in their original condition and mounting positions may</td>
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<tr>
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<td>be used</td>
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<tr>
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<td>Front: OE/ Sachs/ Part# 991.343.045.8D</td>
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<td>Rear: OE/ Sachs/ Part# 991.333.051.8A</td>
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<td>Bump Stops: OE/ Part# 991.333.677.8A</td>
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<td>Anti-Roll Bar Type</td>
<td>Front: OE/ Steel/ Part# 991.343.173.8A</td>
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<tr>
<td></td>
<td>Rear: OE/ Steel/ Part# 991.333.171.7A</td>
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</tbody>
</table>
### Main and Helper Springs
- May be adjusted using only OE range of adjustment
- May be disconnected/ with no parts removed
- Stock OE Main and helper must be used / Retained in their original mounting positions
- Front: OE/ H&R/ Part# 991.343.531.8C main/ 996.343.537.90 helper
- Rear: OE/ H&R/ Part# 991.333.531.8C main/ 997.333.537.90 helper

### Wheelbase
- 2458 +/-10mm

### Track: Minimum/ Maximum
- Front: OE as delivered
- Rear: OE as delivered

### Overall Length
- 4547 +/-5mm

### Overall Width of Bodywork
- Front: OE as delivered +/- 1%
- Rear: OE as delivered +/- 1%

### Aero Package
- OE Stock

### Aerodynamics Aids
- The use of clear or black tape to cover the central cooler, affixed to the radiator opening screen, in horizontal line to regulate the water temperature is permitted. Provided the central cooler is completely taped, additional tape may be added in similar horizontal and symmetrical fashion to the left and right-side coolers. Otherwise the taping over of body slots and openings is not allowed.
- With the exception of what is stated in section V15.10 – 5.2.7 of the Technical Regulations, the use of tape to cover any mechanical components or adjustments is prohibited.

### Rear Wing
- OE wing and wing mounts must be used; and may NOT be altered in any way from their OE configuration/ nothing may be done to alter the position of the wing and wing mounts from the OE position.
- OE wing and wing mounts may be changed within OE adjustment range/ no additional adjustments or mounting holes may be made.
- Rear Wing 991.1 Cup / Part# 991.512.892.8A
- Left Wing Support 991.1 Cup / Part# 991.512.681.8A
- Right Wing Support 991.1 Cup / Part# 991.512.682.8A
- Rear Wing Gurney Mandatory/ Part# 991.512.105.8A

### Front Splitter
- OE as delivered

### Overhang
- Front: 1046 +/-10mm / Measured from the center of the Front axle to the leading edge of the vehicle (Front Splitter included)
- Rear: 1075 +/-10mm / Measured from the center of the Rear axle to the trailing edge of the vehicle (Rear Wing Excluded)

**Cambers**
- Note: Cambers subject to Tire manufacturer’s recommendation.
- Front: -4.0 degrees (Suggested Maximum)
- Rear: -3.5 degrees (Suggested Maximum)

**Camber Spacers**
- The maximum spacer washer thickness in the Front and Rear axle control arms.
  - Front axle: 18mm
  - Rear axle: 15mm

**Suspension Type**
- Front: McPherson Strut / Adjustable for height, camber and toe/ Forged and adjustable top mounts/ Coil Spring/ Shock Absorber/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) /Electro-Hydraulic Power Steering
- Rear: Multi- Link/ Adjustable for height, camber and toe/ Forged top mounts/ Coil Spring/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound)

**Lower Control Arm**
- Graphic Technical Regulations V15.10 Section 8.6.1

**Dash/Data/Data Collection**
- Must use OE dash and data logging system as supplied with the vehicle/
- Cosworth OE Dash/ Data Logging: Cosworth ICD and IPS with series approved software set ups

**Exhaust System Type**
- OE/ Standard exhaust system as delivered

**Water Radiator/ Oil Radiators**
- Aluminum Alloy/ Part#
- Center 991.106.038.90
- Left 991.106.141.01
- Right 991.106.142.01

**Fuel Tank**
- FIA FT3-1999 Specification
- 100 liters Capacity

**Windscreen**
- Safety Glass/ Part# 9P1.845.011

**Seats**
- OE/ Recaro seat required
- Seat may be adjusted by removing or adding upholstery
- Only PMNA approved padding may be used. (Appendix #9 Technical Regulations V15.10)
- The original mounting /seat rail and bracket/ must be retained

**Window Net**
- Mandated use of OE/ Safecraft bullet release on Left side net.
- Mandated use of Porsche Motorsport mounting kit/ Part# 991.722.511.7C/ Welding to the Roll Cage is Prohibited
| • Installation of the net must be in contact with the head and attached slightly inboard at the rear. Net must be installed with some tension.  
• The Upper strap of the net must be at or above the center of gravity of the helmet of the Driver.  
• The net(s) must be dated by the manufacture and must be replaced per the manufacturer’s specifications. |
|---|
| **Center Nets**  
• Mandated use of OE/ Safecraft system  
• Part# 991.722.523.7A |
| **Windows**  
• Front, Rear and Side windows must remain OE/ Damaged or cracked windshields must be approved by the Series Technical Director prior to track use.  
• A NACA duct may be installed on the side window for the purpose of cooling the driver. Maximum of 1 per side with 2 ducts permitted per car, Ducts must be translucent. |
19. APPENDIX 2A – Silver Class GT4 Cayman 982

Class: Silver  Description: (982) GT4 Cayman Clubsport “Comp” & “SRO” (2019 –)

NOTE #1: 982 GT4 Cayman defined by Porsche using FIA standards for safety components.
NOTE #2: The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (982 GT4 Cayman) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series Number (Typical)</td>
<td>• WPOZZZ98ZGK299xxx (X= Variable Digit)</td>
</tr>
<tr>
<td>Engine Specification</td>
<td>• Engine: OE as delivered&lt;br&gt;• Number and layout of cylinders/ 6-cylinder Boxer&lt;br&gt;• Type of charging/ Normally Aspirated&lt;br&gt;• Location of engine/ Mid Longitudinal&lt;br&gt;• Type of cooling system/ Liquid&lt;br&gt;• Bore/ 102 +0/ 0.1mm, Stroke/77.5 +0/ 0.1mm&lt;br&gt;• Maximum compression ratio/ 12.5 :1&lt;br&gt;• Cylinder capacity/ 3,800 cm3</td>
</tr>
<tr>
<td>Intake System</td>
<td>• The original OE complete intake system must be used without modification. No aftermarket air filters are permitted.&lt;br&gt;• Any faulty functioning of the intake plenum is the Competitors responsibility.&lt;br&gt;• Other than fuel- for the normal combustion in the engine- internal and/ or exterior spraying or injection of water or any substance is prohibited.</td>
</tr>
<tr>
<td>Engine Control Unit</td>
<td>• Only the OE Engine Control Unit (DME) and the OE programming are permitted. Tampering with or re-programing of the ECU is strictly prohibited.&lt;br&gt;• Except where provided herein, additional components must not be installed between the ECU and the engine.&lt;br&gt;• The wiring harness must remain OE.&lt;br&gt;• ECU and Diagnostic ports may be sealed at any time during the event. Tampering with or breaking the seals is prohibited.&lt;br&gt;• Only Series Officials or PMNA may break the seals, which must then be replaced by the Series Officials.</td>
</tr>
</tbody>
</table>
• ECU’s are subject to seizure and replacement at any time during the event.
• Series Officials and PMNA may access and inspect the ECU programing at any time.
• The series or PMNA may request the ECU or ECU data at any time.

**Gearbox Specification**

- Gearbox fitted as OE required
- Radially nested multiple disc wet clutch fitted as OE without modification is required.
- CV joints and axle shafts fitted as OE are required.
- 10mm Axle Shaft spacer is allowed and recommended/ Part# 992.501.199
- OE/ Six-Speed Porsche Doppelkupplung (PDK) with optimized shift application
  - Ratios: 1st 43x11
  - 2nd 55x24
  - 3rd 43x26
  - 4th 43x33
  - 5th 40x37
  - 6th 37x24
  - Constant 47x41

**Differential Specification/Final Drive**

- Mechanical Limited Slip differential fitted as OE is required. No modifications to the ramps or friction set arrangement are permitted
- Location/ Integral with gearbox
- Final Drive Ratio/ 39x12

**Brake Package**

- The braking system (including calipers, discs, master cylinders and pads) must be OE parts. Master Cylinders must be maintained in their original front and rear hydraulic circuit position.
- Brake cooling/ The only method permitted for the cooling of the brake system components is the channeling of ambient air to components/ Only the OE as supplied by Porsche Cayman GT4 Clubsport brake ducts are permitted.

**Brake Calipers Front**

- OE/ Porsche/ Aluminum Alloy/ 6 piston

**Brake Calipers Rear**

- OE/ Porsche/ Aluminum Alloy/ 4 piston

**Brake Discs Front**

- OE/ Porsche/ Steel

**Brake Discs Rear**

- OE/Porsche/ Steel

**Brake Pads Front**

- OE Porsche

**Brake Pads Rear**

- OE Porsche

**Brake Fluid**

- PFC RH665 Racing Brake Fluid is the only permitted brake fluid.
  - Part# 991.355.960.8A
<table>
<thead>
<tr>
<th>ABS/PSM</th>
<th>• The original PSM hydraulic control unit and software must be Porsche OE with no modification</th>
</tr>
</thead>
</table>
| Wheel Size, Offset, Manufacture and Part #’s. | • Front: Light alloy/ one piece/ 5-bolt design/ 9”x 18”/ 41mm Offset  
• Rear: Light alloy/ one piece/ 5-bolt design/ 10.35”x 18”/ 47.5mm Offset  
• Original APP or BBS wheels are permitted |
| Minimum Weight | • 3,126 lbs. (Without Fuel/ WITH Driver) GT4 Cayman CS “SRO” (982)  
• 3,100 lbs. (Without Fuel/ WITH Driver) GT4 Cayman CS “COMP” (982) |
| Minimum Ride Heights and Measuring Location | • Front:  
  • 81mm Minimum GT4 Cayman CS “SRO”/ “COMP” (982) (graphic for location TBD)  
• Rear:  
  • 94mm Minimum GT4 Cayman CS “SRO”/ “COMP” (982) (graphic for location TBD)  
• Any form of driver-controlled ride height adjustment is not permitted |
| Damper Type | • Only OE/ KW Dampers in their original condition and mounting positions may be used. SRO and COMP three-way damper adjustments may be used. Changes to OE damper valving prohibited.  
• Front: GT4 Cayman CS “SRO” (982)/ OE/ KW  
  • Part# TBD (LHS)  
  • Part# TBD (RHS)  
  • Front: GT4 Cayman CS “COMP” (982)/ OE/ KW  
  • Part# 9F2412023A (LHS)  
  • Part# 9F2412024A (RHS)  
• Rear: GT4 Cayman CS “SRO” (982)/ OE/ KW  
  • Part# TBD (LHS)  
  • Part# TBD (RHS)  
• Rear: GT4 Cayman CS “COMP” (982)/ OE/ KW  
  • Part# 9F2512020A (LHS/RHS) |
| Bump Stops/ Packers | • The bump stop/ packer arragement/OE is to remain as delivered. |
| Anti-Roll Bar Type | • GT4 Cayman CS “SRO” / “COMP” (982):  
  • Front axle: Part# 9813437018A  
  • Rear axle: Part# 9F2511303  
• May be adjusted using only OE range of adjustment  
• May be disconnected/ with no parts removed |
| Main and Helper Springs | • Only the OE front and rear KW chassis springs in their original, intended location may be used.  
• The installation of any alternate chassis (main & helper) springs is prohibited. |
<table>
<thead>
<tr>
<th><strong>Wheelbase</strong></th>
<th>2476 +/- 10mm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overall Length</strong></td>
<td>4456 +/- 5mm</td>
</tr>
<tr>
<td><strong>Overall Width of Bodywork</strong></td>
<td>Front: 1817mm +/- 1%</td>
</tr>
<tr>
<td><strong>Aerodynamics Aids</strong></td>
<td></td>
</tr>
<tr>
<td>• The use of tape or any material to cover the radiator openings is prohibited. Taping over of body slots and openings is not allowed.</td>
<td></td>
</tr>
<tr>
<td>• With the exception of what is stated in section V15.10 – 5.2.7 of the Technical Regulations. The use of tape to cover any mechanical components or adjustments is prohibited. See: Aerodynamic Aids 16.10.3/ 16.10.4 Tech Regs V15.10</td>
<td></td>
</tr>
<tr>
<td><strong>Rear Wing</strong></td>
<td></td>
</tr>
<tr>
<td>• OE wing and wing mounts must be used and may NOT be altered in any way from their OE configuration/ Nothing may be done to alter the position of the wing and wing mounts from the OE position.</td>
<td></td>
</tr>
<tr>
<td>• OE wing and wing mounts may be changed within OE adjustment range/ No additional adjustments or mounting holes may be made.</td>
<td></td>
</tr>
<tr>
<td><strong>Overhang</strong></td>
<td></td>
</tr>
<tr>
<td>• Front: 1778 +/- 10mm / Measured from the center of the Front axle to the leading edge of the front splitter along the vehicle centerline</td>
<td></td>
</tr>
<tr>
<td>• Rear: 1809 +/- 10mm / Measured from the center of the Rear axle to the trailing edge of the rear wing along the vehicle centerline</td>
<td></td>
</tr>
<tr>
<td><strong>Camber Spacers</strong></td>
<td></td>
</tr>
<tr>
<td>• The maximum spacer washer thickness in the Front and Rear axle control arms.</td>
<td></td>
</tr>
<tr>
<td>• Front axle: 18mm</td>
<td></td>
</tr>
<tr>
<td>• Rear axle: 15mm</td>
<td></td>
</tr>
<tr>
<td><strong>Suspension Type</strong></td>
<td></td>
</tr>
<tr>
<td>• Front: Lightweight spring strut axle with wishbone and tie rod / Adjustable for height, camber and toe / Electromechanical Power Steering.</td>
<td></td>
</tr>
<tr>
<td>• Rear: Lightweight spring strut axle from the Cayman GT4 with modified wishbone / Adjustable for height, camber and toe.</td>
<td></td>
</tr>
<tr>
<td><strong>Lower Control Arm</strong></td>
<td>Graphic Appendix # 7 Technical Regulations V15.10</td>
</tr>
</tbody>
</table>
**Dash/Data/Data Collection**

- Must use OE dash and data logging system as supplied with the vehicle
- (982) OE/ Cosworth ICD/ Data logger is required
- The CAN Gateway Interface from PMNA is required to be installed in the vehicle. Data loggers must pull data exclusively from the CAN Gateway Interface
  - Part# 9F2907467

**Restrictions for Secondary Data/Dash Systems**

- All 2017 and newer vehicles Must utilize stock OE dash and data logger systems as supplied with the vehicle.
- No substitutions are permitted
- No additional displays are allowed on any 2017 and newer vehicles

**Exhaust System**

- The entire exhaust system must remain OE, including the tail pipes
- Factory optional louder exhaust permitted. Subject to Track restrictions as published in the event SR’s
  - Typical Track limit is 105db

**Water Radiator/Oil Radiators**

- Aluminum Alloy
  - OE/ as delivered
  - Must be OE, no modifications are permitted.
  - AC is now standard on all cars; removal is prohibited.
  - AC must be OE/ modifications prohibited
  - Taping of the radiator or running blockers is not permitted.

**Fuel Tank**

- Type (982) Only the OE 70L or 100L FT3 Fuel Cell permitted. Modifications of the cell or components are forbidden.
- Type (982) 90L Fuel tank option from the production car is not allowed. Car can be converted to FT3 Fuel Cell.
  - OE filler locking cap or OE Dry Break allowed.

**Windscreen**

- Type (982) CS “SRO”/ “COMP” Spec./ OE/ polycarbonate
  - Cracked or Damaged windscreens must be approved by the Series Technical Director prior to use.
  - Any tear-off film applied to the windscreen must be clear with the sole purpose of protecting the windscreen.
  - Windscreen wiper in working order is compulsory.

**Seats**

- OE/ Recaro seat required
- Seat may be adjusted by removing or adding upholstery
| **Window Net** | • Mandated use of OE/ Safecraft bullet release on Left side net.  
• Provision for left side window net are now integrated into the roll cage  
• Installation of the net must be in contact with the head and attached slightly inboard at the rear. Net must be installed with some tension.  
• The Upper strap of the net must be at or above the center of gravity of the helmet of the Driver.  
• The net(s) must be dated by the manufacture and must be replaced per the manufacturer's specifications. |
| **Center Nets** | • Mandated use of OE/ Safecraft system  
• Part# TBD |
| **Windows** | • All window/ OE/ as delivered  
• Rear windows may not be modified. Rear window must be retained with the original gasket mounting.  
• Protective film can be installed on the rear and side windows, and is recommended/ Part# TBD  
• Reflective, Darkened or Mirror window treatments are prohibited.  
• A NACA duct may be installed on the side window for driver cooling/ see Technical Regulations V15.10 section 11.2 |
20. **APPENDIX 2B – Bronze Class GT4 Cayman 981**

*Class:* Bronze  
*Description:* (981) GT4 Cayman Clubsport/Cayman MR (2014-2018); (2018 EVO Kit Not Eligible)

**NOTE #1:** 981 GT4 Cayman defined by Porsche using FIA standards for safety components.

**NOTE #2:** The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (981 GT4 Cayman) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Series Number</strong>&lt;br&gt;(Typical)</td>
<td>• WPOZZZ98ZGK199xxx (X= Variable Digit)</td>
</tr>
</tbody>
</table>
| **Engine Specification**      | • Engine fitted: OE as delivered  
                                 • Number and layout of cylinders/ 6-cylinder Boxer  
                                 • Type of charging/ Normally Aspirated  
                                 • Location of engine/ Mid Longitudinal  
                                 • Type of cooling system/ Liquid  
                                 • Cylinder capacity/ 3,800 cm³ |
| **Intake System**             | • The original OE complete intake system must be used without modification.  
                                 • The original OE, as delivered paper style air filter must be used. No aftermarket air filters are permitted.  
                                 • Any faulty functioning of the intake plenum is the Competitors responsibility.  
                                 • Other than fuel- for the normal combustion in the engine- internal and/ or exterior spraying or injection of water or any substance is prohibited. |
| **Engine Control Unit**       | • Only the OE Engine Control Unit (DME) and the OE programming are permitted. Tampering with or re-programing of the ECU is strictly prohibited.  
                                 • Except where provided herein, additional components must not be installed between the ECU and the engine.  
                                 • The wiring harness must remain OE.  
                                 • ECU and Diagnostic ports may be sealed at any time during the event. Tampering with or breaking the seals is prohibited. |
- Only Series Officials or PMNA may break the seals, which must then be replaced by the Series Officials.
- ECU’s are subject to seizure and replacement at any time during the event.
- Series Officials and PMNA may access and inspect the ECU programing at any time.
- The series or PMNA may request the ECU or ECU data at any time.

**Gearbox Specification**

- Gearbox fitted as OE required
- Radially nested multiple disc wet clutch fitted as OE without modification is required.
- CV joints and axle shafts fitted as OE are required.
- 10mm Axle Shaft spacer is allowed and recommended/ Part# MTH332527
- OE/ Six- Speed Porsche Doppelkupplung (PDK) with optimized shift application
- Ratios: 1st 43x11
  2nd 55x24
  3rd 43x26
  4th 43x33
  5th 40x37
  6th 37x24
  Constant 47x41

**Differential Specification/ Final Drive**

- Mechanical Limited Slip differential fitted as OE is required. No modifications to the ramps or friction set arrangement are permitted
- Location/ Integral with gearbox
- Final Drive Ratio/ 39 x 12

**Brake Package**

- The braking system (including calipers, discs, master cylinders and pads) must be OE parts. Master Cylinders must be maintained in their original front and rear hydraulic circuit position.
- Type (981) Dual Master Cylinders from the MR may be run on the Trophy Spec. car without penalty.
- Brake cooling/ The only method permitted for the cooling of the brake system components is the channeling of ambient air to components/ Only the OE as supplied by Porsche Cayman GT4 Clubsport brake ducts are permitted.
- Brake Bias Adjustment/ Type (981) if the car is equipped with the dual master cylinder braking system, it is recommended that the balance bar be
adjusted to the neutral position per the Cayman GT4 Clubsport Technical Handbook and that the brake bias adjuster knob be disconnected or removed.

<table>
<thead>
<tr>
<th>Component</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brake Calipers Front</td>
<td>• OE/ Porsche/ Aluminum Alloy/ 6 piston</td>
</tr>
<tr>
<td>Brake Calipers Rear</td>
<td>• OE/ Porsche/ Aluminum Alloy/ 4 piston</td>
</tr>
<tr>
<td>Brake Discs Front</td>
<td>• OE/ Porsche/ Steel</td>
</tr>
<tr>
<td></td>
<td>• Part# 981.351. (105/106).8A</td>
</tr>
<tr>
<td>Brake Discs Rear</td>
<td>• OE/Porsche/ Steel</td>
</tr>
<tr>
<td></td>
<td>• Part# 981.351. (107/108).8A</td>
</tr>
<tr>
<td>Brake Pads Front</td>
<td>• Sprint: Part# 991.351.942.8A</td>
</tr>
<tr>
<td></td>
<td>• Endurance: Part# 991.351.942.8B</td>
</tr>
<tr>
<td>Brake Pads Rear</td>
<td>• Sprint: Part# 991.342.942.8A</td>
</tr>
<tr>
<td></td>
<td>• Endurance: Part# 991.342.942.8A</td>
</tr>
<tr>
<td>Brake Fluid</td>
<td>• PFC RH665 Racing Brake Fluid is the only permitted brake fluid.</td>
</tr>
<tr>
<td></td>
<td>• Part# 991.355.960.8A</td>
</tr>
<tr>
<td>ABS/PSM</td>
<td>• The original PSM hydraulic control unit and software must be Porsche OE with no modification</td>
</tr>
<tr>
<td>Wheel Size, Offset, Manufacture and Part #'s</td>
<td>• Front: Light alloy/ one piece/ 5-bolt design/ 9&quot;x 18&quot;/ 41mm Offset/ Part# 981.362.131.8A or MTH362131</td>
</tr>
<tr>
<td></td>
<td>• Rear: Light alloy/ one piece/ 5-bolt design/ 10.35&quot;x 18&quot;/ 47.5mm Offset/ Part# 981.362.151.8A or MTH362141</td>
</tr>
<tr>
<td>Minimum Weight</td>
<td>• 3,156 lbs. (Without Fuel/ WITH Driver) GT4 Cayman MR</td>
</tr>
<tr>
<td></td>
<td>• 3130 lbs. (Without Fuel/ WITH Driver) GT4 Cayman Clubsport Trophy</td>
</tr>
<tr>
<td>Minimum Ride Heights and Measuring Location</td>
<td>• Front: 81mm Minimum GT4 Cayman MR/Clubsport Trophy (981) (see graphic Appendix# 6 Technical Regulations V15.10)</td>
</tr>
<tr>
<td></td>
<td>• Rear: 94mm Minimum GT4 Cayman MR/Clubsport Trophy (981) (see graphic Appendix# 6 Technical Regulations V15.10)</td>
</tr>
<tr>
<td></td>
<td>• Any form of driver-controlled ride height adjustment is not permitted</td>
</tr>
<tr>
<td>Damper Type</td>
<td>• OE/ KW dampers in their original condition and mounting positions permitted</td>
</tr>
<tr>
<td></td>
<td>• GT4 Cayman MR (981) Front: OE/KW/ MTH343055 (LHS)/ MTH343056 (RHS)</td>
</tr>
</tbody>
</table>
- **GT4 Cayman Trophy (981)**: Front: OE/KW/MTH343045 (LHS)/MTH34046 (RHS)  
- **GT4 Cayman MR (981)**: Rear: OE/KW/MTH333060 (LHS)/MTH333061 (RHS)  
- **GT4 Cayman Trophy**: Rear: OE/KW/MTH333051 both sides

### Bump Stops/ Packers
- The bump stop/packer arrangement is to remain as delivered.  
- **GT4 Cayman MR (981)**: Front axle Damper, 20mm Cellasto 400kg/m³/ Rear axle Damper, 10mm RD60, 5mm Cellasto 400kg/m³, 22mm packer  
- **GT4 Cayman Clubsport (981)**: Front axle Damper 30mm RD65/ Rear axle Damper, 20mm RD60, 15mm RB65, 7mm packer

### Anti-Roll Bar Type
- **GT4 Cayman MR (981)**:  
  - Front axle: Part# MTH343738  
  - Rear axle: Part# 981.333.705.80  
- **GT4 Cayman Clubsport Trophy (981)**:  
  - Front axle: Part# 981.343.701.8A  
  - Rear axle: Part# 981.333.705.80  
  - May be adjusted using only OE range of adjustment  
  - May be disconnected/with no parts removed

### Main and Helper Springs
- Only the OE front and rear KW chassis springs in their original, intended location may be used.  
- The installation of any alternate chassis (main & helper) springs is prohibited.  
- **GT4 Cayman MR (981)**:  
  - Front: OE/KW/130N/mm/Part# MTH343530  
  - Rear: OE/KW/130N/mm/Part# MTH333534  
- **GT4 Cayman Clubsport Trophy (981)**:  
  - Front: OE/KW/140N/mm/Part# MTH343531  
  - Rear: OE/KW/150N/mm/Part# MTH333051  
- Helper Springs:  
  - Front and rear helper springs for all GT4 Clubsport variants is 80/60/10/Part# 981.343.537.8A or MTH343538

### Wheelbase
- 2476+/-10mm

### Track: Minimum/Maximum
- OE as delivered

### Overall Length
- 4564 +/-5mm

### Overall Width of Bodywork
- Front: 1978mm +/-1%  
- Rear: 2002mm +/-1%

### Aerodynamics Aids
- The use of tape or any material to cover the radiator openings is prohibited. Taping over of body slots and openings is not allowed.
<table>
<thead>
<tr>
<th></th>
<th>With the exception of what is stated in section V15.10 – 5.2.7 of the Technical Regulations. The use of tape to cover any mechanical components or adjustments is prohibited.</th>
</tr>
</thead>
</table>
| **Rear Wing** | • OE wing and wing mounts must be used and may NOT be altered in any way from their OE configuration/ Nothing may be done to alter the position of the wing and wing mounts from the OE position.  
• OE wing and wing mounts may be changed within OE adjustment range/ No additional adjustments or mounting holes may be made.  
• GT4 Cayman MR (981): Must run the MR wing with integrated Gurney  
• GT4 Cayman Clubsport Trophy: Must run the standard wing with the 22mm Gurney |
| **Front Diffuser Channels** | • Clubsport Trophy spec. car front diffuser channels to be blocked. Original blockers:  
  • Part# MTH504702 (LHS)  
  • Part# MTH504701 (RHS) |
| **Front Splitter** | • OE as delivered |
| **Overhang** | • Front: 1054 +/-10mm / Measured from the center of the Front axle to the leading edge of the front splitter along the vehicle centerline  
• Rear: 908 +/-10mm / Measured from the center of the Rear axle to the trailing edge of the rear wing along the vehicle centerline |
| **Camber** | • Note: Cambers subject to Tire manufacturer’s recommendation.  
  • Front: -3.5 degrees (Suggested Maximum)  
  • Rear: -3.0 degrees (Suggested Maximum) |
| **Camber Spacers** | • The maximum spacer washer thickness in the Front and Rear axle control arms.  
  • Front axle: 18mm  
  • Rear axle: 15mm |
| **Suspension Type** | • Front: Lightweight spring strut axle with wishbone and tie rod from 911 GT3 Cup/ Adjustable for height, camber and toe /Electromechanical Power Steering.  
• Rear: Lightweight spring strut axle from the Cayman GT4 with modified wishbone from 911 GT3 Cup/ Adjustable for height, camber and toe. |
| **Lower Control Arm** | • Graphic Appendix #7 Technical Regulations V15.10 |
| **Dash/Data/Data Collection** | • Must use OE dash and data logging system as supplied with the vehicle  
  • (981) MoTec/ OE/ Motec C-125/ C-127 Data logger or Manthey Retrofit Cosworth ICD are required |
| Restrictions for Secondary Data/Dash Systems | • All 2017 and newer vehicles Must utilize stock OE dash and data logging system as supplied with the vehicle.  
• No substitutions are permitted.  
• No additional displays are allowed on any 2017 on newer vehicles |
| Exhaust System Type | • The entire exhaust system must remain OE, including the tail pipes  
• The optional, exhaust manifold from PMNA without a catalyst is permitted. |
| Water Radiator/ Oil Radiators | • Aluminum Alloy/ OE/ as delivered  
• Must be OE, no modifications are permitted.  
• Condensers must remain in place if equipped with Air Conditioning or Not.  
• Taping of the radiator or running blockers is not permitted. |
| Fuel Tank | • Type (981) Only the OE 70L or 100L FT3 Fuel Cell permitted. Modifications of the cell or components are forbidden.  
• Type (981) 90L Fuel tank option from the production car is not allowed. Car can be converted to FT3 Fuel Cell.  
• OE filler locking cap or OE Dry Break allowed. |
| Windscreen | • Type (981) Clubsport Trophy Spec./ OE Safety Glass  
• Type (981) MR Spec./ OE Safety Glass or OE Polycarbonate  
• Cracked or Damaged windscreens must be approved by the Series Technical Director prior to use.  
• Any tear-off film applied to the windscreen must be clear with the sole purpose of protecting the windscreen.  
• Windscreen wiper in working order is compulsory. |
| Seats | • OE/ Recaro or OMP seat required  
• Seat may be adjusted by removing or adding upholstery  
• Only PMNA approved padding may be used.  
• The original mounting /seat rail and bracket/ must be retained  
• Any seat insert material or foam to driver's morphology must meet FIA standards. |
| Window Net | • Mandated use of OE/ Safecraft bullet release on Left side net. |
| **Center Nets** | • Mandated use of OE/ Safecraft system  
• Part# 991.722.523.7A |
| **Windows** | • (981) Trophy Spec. Cars must retain original glass windows and window motors  
• (981) Trophy Spec. Car windows can be in the Up or Down position (with window net) when on track.  
• (981) MR Spec. polycarbonate door windows may be removed (with window net)  
• Rear windows may not be modified. Rear window must be retained with the original gasket mounting.  
• Protective film can be installed on the rear and side windows, and is recommended/ Part# MTH541913  
• Reflective, Darkened or Mirror window treatments are prohibited.  
• A NACA duct may be installed on the side window |
21. APPENDIX 3A – Diamond Class 991.1 GT3R

Class: Diamond  Description: 991.1 GT3R Cup (2016-2018)

NOTE #1: 911 GT3 Cup defined by Porsche using FIA standards for safety components.
NOTE #2: The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (991.1 GTR3 Cup) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA.

NOTE #3: FIA Homologation papers/ Porsche 911 GT3R (991.1) / Homologation Number: GT3-041

NOTE #4: FIA Homologation papers to be used to determine class legality.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series Number (Typical)</td>
<td>WP0ZZZ99Z#S199XXX (#= Variable Letter/ X= Variable Digit)</td>
</tr>
<tr>
<td>Engine Specification</td>
<td>MA185#R00XXX (#= Variable Letter/ X= Variable Digit)</td>
</tr>
<tr>
<td></td>
<td>Engine to sealed by PMNA/ Porsche AG</td>
</tr>
<tr>
<td></td>
<td>Number and layout of cylinders/ 6-cylinder Boxer</td>
</tr>
<tr>
<td></td>
<td>Type of charging/ Normally Aspirated</td>
</tr>
<tr>
<td></td>
<td>Location of engine/ Rear Longitudinal</td>
</tr>
<tr>
<td></td>
<td>Type of cooling system/ Liquid</td>
</tr>
<tr>
<td></td>
<td>Bore/ 102.015 +0/ 0.1mm, Stroke/ 81.5 +0/ 0.1mm</td>
</tr>
<tr>
<td></td>
<td>Maximum compression ratio/ 14.5:1</td>
</tr>
<tr>
<td></td>
<td>Cylinder capacity/ 3996 cm3</td>
</tr>
<tr>
<td>Intake System</td>
<td>Material of manifolds/ Carbon fibre, Aluminum, Rubber</td>
</tr>
<tr>
<td></td>
<td>Manifolds are to be sealed with no leakage</td>
</tr>
<tr>
<td></td>
<td>Restrictors/ 2x 43mm</td>
</tr>
<tr>
<td>Gearbox Specification</td>
<td>Gearbox to be sealed by PMNA/ Porsche AG</td>
</tr>
<tr>
<td></td>
<td>OE/Sequential/ Paddle Shift/ Electro-Pneumatic</td>
</tr>
<tr>
<td></td>
<td>Ratios: 1st 13x 41</td>
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<tr>
<td></td>
<td>2nd 17x 39</td>
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<td></td>
<td>3rd 20x 37</td>
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<td></td>
<td>4th 19x 29</td>
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<td></td>
<td>5th 24x 31</td>
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<tr>
<td></td>
<td>6th 26x 29</td>
</tr>
<tr>
<td></td>
<td>Constant 14x 22</td>
</tr>
<tr>
<td></td>
<td>Tampering with or breaking the affixed seals is prohibited. Only authorized PMNA technicians or Series officials may break seals, which must then be replaced by PMNA, Porsche AG or the Series</td>
</tr>
</tbody>
</table>
| Differential Specification/ Final Drive | • Differential to be sealed by PMNA/ Porsche AG  
• Typical Series Number/  G9173  
• Location/ Integral with gearbox  
• Final Drive Ratio/  17x 42  
• Type of Differential/ Limited Slip  
• Slip Limitation/ Mechanical (Plates/ Ramps) Number of Plates/ 6+6  
• Angle of Ramps/ 65 Degree (Drive)/ 26 Degree (Coast) |
| Brake Package | • OEM/ Performance Friction Corporation/ Mandated |
| Brake Calipers Front | • PFC/ Aluminum Alloy/ 6 piston/  
• Part # Left 991.351.427.XX  
• Part # Right 991.351.428.XX |
| Brake Calipers Rear | • PFC/ Aluminum Alloy/ 4 piston/  
• Part # Left 991.352.427.XX  
• RA Right 991.352.428.XX |
| Brake Discs Front | • PFC/ Steel/ 380mm Diameter/ 34.5mm Thickness (new)  
• Part # Left 991.351.105.XX (LHS)  
• Part # Right 991.351.106.XX (RHS) |
| Brake Discs Rear | • PFC/ Steel/ 380mm Diameter/ 30mm Thickness  
• Part # Left 991.352.107.XX (LHS)  
• RA Right 991.352.108.XX (RHS) |
| Brake Pads Front | • PFC/ Part#  
• Sprint: 991.351.942.7B  
• Endurance: 9F2.615.117.A |
| Brake Pads Rear | • PFC/ Part#  
• Sprint: 991.342.942.7B  
• Endurance: 9F2.615.117 |
| Brake Fluid | • PFC/  
• 991.355.960.8A |
| ABS Number | • Make and Type/ Continental  
• Product number/ 10.0212-0104.4  
• Typical series number/ 991.355.061.XX (X= Variable Digit)  
• Number of electro valves/ 12 (8 Active electro valves)  
• Software reference/ AN BCA00035 update AN BCA00040 |
| Alternate ABS | • Make and Type/ BOSCH M4  
• Product number/ F02V 487-XX (X= Variable Digit)  
• Typical series number/ 991.355.061.XX (X= Variable Digit)  
• Number of electro valves/ 8 |
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<tr>
<th><strong>Wheel Size, Offset, Manufacture and Part #’s.</strong></th>
<th>• Software reference/ 1017</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Front: BBS/ Aluminum one piece/ 12”x 18”/ 17mm Offset/ Part# 991.362.131.XX</td>
<td></td>
</tr>
<tr>
<td>• Rear: BBS/ Aluminum one piece/ 13”x 18”/ 37.5 Offset/ Part# 991.362.151.XX</td>
<td></td>
</tr>
<tr>
<td><strong>Minimum Weight</strong></td>
<td>• 2890 lbs. (Dry/ WITH Driver)</td>
</tr>
<tr>
<td><strong>Minimum Ride Heights and Measuring Location</strong></td>
<td>• Front: 54mm at the Front axle center line</td>
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<tr>
<td></td>
<td>• Rear: 64mm at the Front axle center line</td>
</tr>
<tr>
<td><strong>Damper Type</strong></td>
<td>• Front: KW Automotive/ Hydraulic-Gas/ External Gas tank/ Part# 991.343.045.XX</td>
</tr>
<tr>
<td></td>
<td>• Rear: KW Automotive/ Hydraulic-Gas/ External Gas tank/ Part# 991.333.051.XX</td>
</tr>
<tr>
<td><strong>Anti-Roll Bar Type</strong></td>
<td>• Front: Steel/ Diameter between bearings/ 30mm-31mm- 30mm / Updated 20mm-30mm- 31mm</td>
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<tr>
<td></td>
<td>• Rear: Steel/ Diameter between bearings/ 30mm-312mm- 32mm</td>
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<tr>
<td></td>
<td>• May be adjusted using only OE range of adjustment</td>
</tr>
<tr>
<td></td>
<td>• May be disconnected/ with no parts removed</td>
</tr>
<tr>
<td><strong>Main and Helper Springs</strong></td>
<td>• Front: Coil/ Steel/ Open using Porsche OE springs only.</td>
</tr>
<tr>
<td></td>
<td>• Main Coil Spring</td>
</tr>
<tr>
<td></td>
<td>• 120-60-100, 991.343.531.7B</td>
</tr>
<tr>
<td></td>
<td>• 120-60-120, 991.343.531.7C</td>
</tr>
<tr>
<td></td>
<td>• 120-60-140, 991.343.531.7D</td>
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<tr>
<td></td>
<td>• 120-60-160, 991.343.531.7E</td>
</tr>
<tr>
<td></td>
<td>• 120-60-180, 991.343.531.7F</td>
</tr>
<tr>
<td></td>
<td>• 120-60-200, 991.343.531.7H</td>
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<tr>
<td></td>
<td>• 120-60-220, 991.343.531.7J</td>
</tr>
<tr>
<td></td>
<td>• Rear: Coil/ Steel/ Open using Porsche OE springs only.</td>
</tr>
<tr>
<td></td>
<td>• Main Coil Spring</td>
</tr>
<tr>
<td></td>
<td>• 140-60-260, 991.333.531.7L</td>
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<tr>
<td></td>
<td>• 140-60-280, 991.333.531.7K</td>
</tr>
<tr>
<td></td>
<td>• 140-60-240, 991.333.531.7J</td>
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<td></td>
<td>• 140-60-180, 991.333.531.7H</td>
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<tr>
<td></td>
<td>• 140-60-220, 991.333.531.7F</td>
</tr>
<tr>
<td></td>
<td>• 140-60-200, 991.333.531.7E</td>
</tr>
<tr>
<td><strong>Wheelbase</strong></td>
<td>• 2458 +/-10mm</td>
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<tr>
<td><strong>Track: Minimum/ Maximum</strong></td>
<td>• Front: 1660mm/ 1720mm</td>
</tr>
<tr>
<td></td>
<td>• Rear: 1635mm/ 1695mm</td>
</tr>
<tr>
<td><strong>Overall Length</strong></td>
<td>• 4604 +/-5mm (With Front Splitter)</td>
</tr>
<tr>
<td><strong>Overall Width of Bodywork</strong></td>
<td>• Front: 1975mm +/- 1%</td>
</tr>
<tr>
<td></td>
<td>• Rear: 2002mm +/- 1%</td>
</tr>
<tr>
<td><strong>Aero Package</strong></td>
<td>• Reference Homologation papers/ FIA GT3-041</td>
</tr>
</tbody>
</table>
| Rear Wing Set Back/ | • Height from Roof line  
• Reference Homologation papers/ FIA GT3-041 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Front Splitter      | • Minimum Height from Ground/ 35mm  
• Longitudinal Position/ 100 +/-5mm (At the car centerline) |
| Side Deflectors (Dive Planes) | • 2x per side of Front Bumpers |
| Rear Diffuser       | • Minimum Height from Ground/ 178mm (Trailing edge of diffuser plane at car centerline)  
• Longitudinal Position/ 0mm +/-5mm (From the rear bumper overhang point at the car centerline) |
| Overhang            | • Overhang/ Measured at Rear axle center line  
• Front: 1106 +/-10mm (With Front Splitter)  
• Rear: 1040 +/-10mm |
| Cambers             | • Note: Cambers subject to Tire manufacturer’s recommendation  
• Front: -3.5 degrees (Suggested Maximum)  
• Rear: -3.0 degrees (Suggested Maximum) |
| Camber Spacers      | • The maximum spacer washer thickness in the Front and Rear axle control arms.  
• Front axle: 18mm  
• Rear axle: 15mm |
| Suspension Type     | • Front: McPherson Strut/ Coil Spring/ Shock Absorber/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) / Rack and Pinion Steering  
• Rear: Multi- Link/ Coil Spring/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) |
| Dash/Data/Data Collection | • Cosworth ICD config #32 |
| Exhaust System Type | • Reference Homologation Papers / FIA GT3-041 |
| Water Radiator      | • Aluminum Alloy/ Part# 991.106.037XXX (X= Variable Digit) |
| Fuel Tank           | • ATL/ FIA Homologation ATL-810-C/ Material FT3  
• 120L Capacity |
| Windscreen          | • Polycarbonate: 6mm Thick |
| Seats               | • OE/ Recaro seat required  
• Seat may be adjusted by removing or adding upholstery  
• Only PMNA approved padding may be used. (See Appendix 9 Technical Regulations V15.10)  
• The original mounting /seat rail and bracket/ must be retained |
<p>| Window Net          | • Mandated use of OE/ Safecraft system/ Reference 991.2 GT3 Cup |</p>
<table>
<thead>
<tr>
<th>Center Nets</th>
<th>• Mandated use of OE/ Safecraft system/ Reference 991.2 GT3Cup</th>
</tr>
</thead>
</table>
| Windows     | • Front, Rear and Side windows must remain OE/ Damaged or cracked windshields must be approved by the Series Technical Director prior to track use.  
• A NACA duct may be installed on the side window for the purpose of cooling the driver. Maximum of 1 per side with 2 ducts permitted per car, Ducts must be translucent. |


22. APPENDIX 3B – Diamond Class GT3R/997 EVO

GT3R


NOTE #1: 911 GT3 Cup defined by Porsche using FIA standards for safety components.

NOTE #2: The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (991.1 GTR3 Cup) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA.

NOTE #3: FIA Homologation papers/ Porsche 911 GT3R (997) / Homologation Number: GT3-025 (997 EVO)/ Homologation Number: GT-025 Extension VO

NOTE #4: FIA Homologation papers to be used to determine class legality.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series Number (Typical)</td>
<td>WP0ZZ99ZBS79 XXX / WP0ZZ99ZCS79XXX / WP0ZZ99ZDS79XXX / WP0ZZ99ZES79XXX (X= Variable Digit)</td>
</tr>
<tr>
<td></td>
<td>Engine to sealed by PMNA/ Porsche AG</td>
</tr>
<tr>
<td></td>
<td>Number and layout of cylinders/ 6-cylinder Boxer</td>
</tr>
<tr>
<td></td>
<td>Type of charging/ Normally Aspirated</td>
</tr>
<tr>
<td></td>
<td>Location of engine/ Rear Longitudinal</td>
</tr>
<tr>
<td></td>
<td>Type of cooling system/ Liquid</td>
</tr>
<tr>
<td></td>
<td>Bore/ 102.7 +0/ 0.1mm, Stroke/ 80.4 +0/ 0.1mm</td>
</tr>
<tr>
<td></td>
<td>Maximum compression ratio/ 14.9:1</td>
</tr>
<tr>
<td></td>
<td>Cylinder capacity/ 3998.5 cm3</td>
</tr>
<tr>
<td>Intake System</td>
<td>Material of manifolds/ Carbon fibre, Aluminum, Rubber</td>
</tr>
<tr>
<td></td>
<td>Manifolds are to be sealed with no leakage</td>
</tr>
<tr>
<td></td>
<td>Restrictor/ 1x 82mm (2010-2012)/ 1x 72mm (EVO 2010-2015)</td>
</tr>
<tr>
<td>Gearbox Specification (2010 – 2012)</td>
<td>Gearbox to be sealed by PMNA/ Porsche AG</td>
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<tr>
<td></td>
<td>Mechanical Sequential/ Manual/ Cable</td>
</tr>
<tr>
<td></td>
<td>Typical series number/ G9173</td>
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<tr>
<td></td>
<td>Ratios: 1st 13x 41</td>
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<tr>
<td></td>
<td>2nd 17x 39</td>
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<tr>
<td></td>
<td>3rd 20x 37</td>
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<tr>
<td></td>
<td>4th 23x 35</td>
</tr>
<tr>
<td></td>
<td>5th 22x 28</td>
</tr>
</tbody>
</table>
| Gearbox Specification (EVO 2013) | • Gearbox to be sealed by PMNA/ Porsche AG  
• Sequential/ Paddle Shift/ Electro- Pneumatic  
• Typical series number/ G97-72  
• Ratios: 
  - 1st: 13x 41  
  - 2nd: 16x 39  
  - 3rd: 19x 37  
  - 4th: 22x 35  
  - 5th: 20x 27  
  - 6th: 25x 29  
• Constant: 25x 32  
• Tampering with or breaking the affixed seals is prohibited. Only authorized PMNA technicians or Series officials may break seals, which must then be replaced by PMNA, Porsche AG or the Series |
| Differential Specification/ Final Drive | • Differential to be sealed by PMNA/ Porsche AG  
• Typical series number/ 997.332.083.8J  
• Location/ Integral with gearbox  
• Final Drive Ratio/ 9x 26  
• Type of Differential/ Limited Slip  
• Slip Limitation/ Mechanical (Plate & washers)  
  - Number of Plates: 8  
• Angle of Ramps/ 32 Degree (Drive)/ 45 Degree (Coast) |
| Brake Package | • OEM Brembo/ Mandated |
| Brake Calipers Front | • Brake Calipers/ Front (2010-2012)  
  • Brembo/ Aluminum Alloy/ 6-piston  
  • Part# 997.351.431.93 (LHS)  
  • Part# 997.351.432.93 (RHS)  
• Brake Calipers/ Front (EVO 2013)  
  • Brembo/ Aluminum Alloy/ 6-piston  
  • Part# 997.351.431.9C (LHS)  
  • Part# 997.351.432.9C (RHS) |
| Brake Calipers Rear | • Brake Calipers/ Rear (2010-2012)  
  • Brembo/ Aluminum Alloy/ 4-piston  
  • Part# 997.352.425.95 (LHS)  
  • Part# 997.352.426.95 (RHS)  
• Brake Calipers Rear (EVO 2013)  
  • Brembo/ Aluminum Alloy/ 4-piston  
  • Part# 997.352.425.9B (LHS) |
### Brake Discs Front
- Brake Discs Front (2010-2012)
  - Brembo/Steel/ 380mm Diameter/ 32mm Thickness (new)
  - Part# 997.351.107.9D (LHS)
  - Part# 997.351.108.9D (RHS)
  - Update 997.351.107.9B (LHS)/ 997.351.107.9B (RHS)
- Brake Discs Front (EVO 2013)
  - Brembo/ Steel/ 35mm Thickness (new)
  - Part# 997.351.107.9B (LHS)
  - Part# 997.351.108.9B (RHS)

### Brake Discs Rear
- Brake Discs Rear (2010-2012; EVO 2013)
  - Brembo/ Steel/ 355mm Diameter/ 32mm Thickness (new)
  - Part# 997.352.135.9C (LHS)
  - Part# 997.352.136.9C (RHS)

### Brake Pads Front
- Part#
  - Sprint: 997.351.940.90
  - Endurance: 996.351.940.9C

### Brake Pads Rear
- Part#
  - Sprint: 997.352.930.93
  - Endurance: 996.352.930.9A

### Brake Fluid
- Part# 991.355.960.8A

### ABS Number
- Make and Type/ Continental (2010-2012)
- Typical series number/ 997.355.761.91 (Hydraulic Power Unit)
- Number of electro valves/ 12/ 8 Active valves
- Software reference/ AN BBZ00029

### Alternate ABS (EVO 2013)
- Make and Type/ Continental
- Product number/ 10.0212-0104.4
- Typical series number/ 997.355.061.91
- Number of electro valves/ 12/ 8 Active Valves
- Software reference/ AN BBZ00029

### Wheel Size, Offset, Manufacture and Part #’s.
- Front (2010-2012): Rays/ Aluminum one piece/ 10.9”x 18”/ 35mm Offset
  - Part# 997.362.136.97
- Rear (2010-2012 & EVO 2013): Rays/ Aluminum one piece/ 13”x 18”/ 12.5mm Offset
  - Part# 997.362.140.98
- Front (2010-2012): BBS/ Aluminum one piece/ 10.92”x 18”/ 35mm Offset
  - Part# 997.362.140.9A
<table>
<thead>
<tr>
<th>Parts</th>
<th>Specifications</th>
</tr>
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<tbody>
<tr>
<td><strong>Front (EVO 2013):</strong> Rays/Aluminum one piece</td>
<td>12&quot;x18&quot;/9mm Offset</td>
</tr>
<tr>
<td>Part#</td>
<td>997.362.136.9A</td>
</tr>
<tr>
<td><strong>Front (EVO 2013):</strong> BBS/Aluminum one piece</td>
<td>12&quot;x18&quot;/9mm Offset</td>
</tr>
<tr>
<td>Part#</td>
<td>REI428</td>
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<tr>
<td><strong>Rear (2010-2012 &amp; EVO 2013):</strong> BBS/Aluminum one piece</td>
<td>13&quot;x18&quot;/12.5mm Offset</td>
</tr>
<tr>
<td>Part#</td>
<td>997.362.143.9A</td>
</tr>
</tbody>
</table>

**Minimum Weight**
- 2879 lbs. (Without Fuel/ WITH Driver)

**Minimum Ride Heights and Measuring Location**
- Front: 65mm (Reference graphic/ FIA GT3-025/ pg. #6)
- Rear: 85mm (Reference graphic/ FIA GT3-025/ pg. #6/ EVO FIA GT3-025/ Ext.# 15/01/ pg. #3)

**Damper Type**
- Front: ZF Sachs/Hydraulic-Telescopic/ Gas tank
  - Part# 997.343.041.9F
- Rear: ZF Sachs/Hydraulic-Telescopic/ Gas tank
  - Part# 997.333.051/052.9H

**Bumper Rubber**
- Front: ZF Sachs/Rubber/ Free length 35mm
  - Part# 00 1748 000 288
- Rear: ZF Sachs/ Rubber/ Free length 16mm
  - Part# 00 1748 000 289

**Anti-Roll Bar Type**
- Front: Steel/ Diameter between bearings/ 30x 24mm +/-0.2mm (2010-2012)/ 30mmx 26 (EVO 2013)
- Rear: Steel/ Diameter between bearings/ 30x 24mm +/-0.2mm
  - May be adjusted using only OE range of adjustment
  - May be disconnected/ with no parts removed

**Main and Helper Springs**
- Front: Coil/ Steel/ Open/ Porsche OE Springs
  - Main Coil Spring (2010-2012 & EVO 2013)
    - 997.343.531.9B
    - 997.343.531.9C
    - 997.343.531.9D
    - 997.343.531.9E (EVO 2013 only)
- Helper Spring (2010-2012 & EVO 2013)
  - 999.533.003.03
- Rear: Coil/ Steel/ Open/ Porsche OE Springs
  - Main Coil Spring (2010-2012 & EVO 2013)
    - 997.333.531.9C
    - 997.333.531.9B
    - 997.333.531.9A
    - 997.333.531.9D (EVO 2013 only)
- Helper Spring (2010-2012 & EVO 2013)
  - 999.533.205.03
### Wheelbase
- 2370 +/-10mm (2010-2012)/ 2380 +/-10mm (EVO 2013)

### Track: Minimum/ Maximum
- Front: 1535mm/ 1595mm (2010-2012) / 1595mm/ 1655mm (EVO 2013)
- Rear: 1585mm/ 1645mm (2010-2012) / 1640mm/ 1700mm (EVO 2013)

### Overall Length
- 4465 +/-5mm (With Front Splitter 2010-2012)/ 4520mm (With Front Splitter EVO 2013)

### Overall Width of Bodywork
- Front: 1535mm +/- 1% (2010-2012) / 1595mm (EVO 2013)
- Rear: 1585mm +/- 1% (2010-2102) / 1655mm (EVO 2013)

### Aero Package
- Reference Homologation papers/ FIA GT3-025/ pg. #7 (2010-2012)/ FIA GT3-025 Ext# 19/02 EVO/ pg. #25 (EVO 2013)

### Rear Wing Set Back
- Height from Roof line
- Reference Homologation papers/ FIA GT3-025

### Front Splitter
- Minimum Height from Ground/ 42mm (2010-2012)/ 36mm (EVO 2013)
- Longitudinal Position/ 35 +/-5mm (At the car centerline 2010-2012)/ 97mm (EVO 2013)

### Side Deflectors (Dive Planes)
- 1x per side of Front Bumper (2010-2012)
- 2x per side of Front Bumper (EVO 2013)

### Rear Diffuser
- Minimum Height from Ground/ 140mm (Trailing edge of diffuser plane at car centerline 2010-2012)/ 130mm (EVO 2013)
- Longitudinal Position/ 5mm +/-5mm (From the rear bumper overhang point at the car centerline)

### Overhang
- Overhang/ Measured at Rear axle center line
- Front: 1055 +/-10mm (With Front Splitter 2010-2012) / 1110 +/-10mm (EVO 2013)
- Rear: 1040 +/-10mm (2010-2012)/ 1030 +/-10mm (EVO 2013 Without Rear Wing)

### Cambers
- Note: Cambers subject to Tire manufacturer’s recommendation
- Front: -3.5 degrees (Pirelli recommended value)
- Rear: -3.0 degrees (Pirelli recommended value)

### Camber Spacers
- The maximum spacer washer thickness in the Front and Rear axle control arms.
  - Front axle: 18mm
  - Rear axle: 15mm

### Suspension Type
- McPherson Strut/ Coil Spring/ Shock Absorber/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) / Rack and Pinion Steering
<table>
<thead>
<tr>
<th><strong>Dash/Data/Data Collection</strong></th>
<th>- Rear: Multi-Link/Coil Spring/Main &amp; Helper Spring/Bump Stop (on shock for bump/in shock for rebound)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Exhaust System Type</strong></td>
<td>- Reference Homologation Papers / FIA GT3-025 (2010-2012)/FIA GT3-025 VO (EVO 2013)</td>
</tr>
<tr>
<td><strong>Water Radiator</strong></td>
<td>- Typical Series Numbers:</td>
</tr>
<tr>
<td></td>
<td>- Part# 997.106.131.8B (LHS)</td>
</tr>
<tr>
<td></td>
<td>- Part# 997.106.037.8E (Middle)</td>
</tr>
<tr>
<td></td>
<td>- Part# 997.106.132.8B (RHS)</td>
</tr>
<tr>
<td><strong>Fuel Tank</strong></td>
<td>- Premier/ FIA Homologation #F221</td>
</tr>
<tr>
<td></td>
<td>- Part# 997.201.013.9A/100L (2010-2012)</td>
</tr>
<tr>
<td></td>
<td>- Part# 997.201.013.9M/104L (EVO 2013)</td>
</tr>
<tr>
<td><strong>Windscreen</strong></td>
<td>- Safety Glass: 4.7mm Thick (2010-2012)/4.5mm Thick (EVO 2013)</td>
</tr>
<tr>
<td><strong>Seats</strong></td>
<td>- OE/Recaro seat required</td>
</tr>
<tr>
<td></td>
<td>- Seat may be adjusted by removing or adding upholstery</td>
</tr>
<tr>
<td></td>
<td>- Only PMNA approved padding may be used.</td>
</tr>
<tr>
<td></td>
<td>- The original mounting /seat rail and bracket/ must be retained</td>
</tr>
<tr>
<td></td>
<td>(Appendix # 7-2018)</td>
</tr>
<tr>
<td><strong>Window Net</strong></td>
<td>- Recommend use of OE/ Safecraft system/Referenced in 991.2 GT3 Cup regulations</td>
</tr>
<tr>
<td><strong>Center Nets</strong></td>
<td>- Recommend use of OE/ Safecraft system/Referenced in 991.2 GT3 Cup regulations</td>
</tr>
<tr>
<td><strong>Windows</strong></td>
<td>- Front, Rear and Side windows must remain OE/Damaged or cracked windshields must be approved</td>
</tr>
<tr>
<td></td>
<td>by the Series Technical Director prior to track use.</td>
</tr>
<tr>
<td></td>
<td>- A NACA duct may be installed on the side window for the purpose of cooling the driver. Maximum of 1 per side with 2 ducts permitted per car, Ducts must be translucent.</td>
</tr>
</tbody>
</table>
# APPENDIX 4 – Emerald Class 991.2 Cup MR

Class: Emerald  Description: 991.2 GT3 Cup MR (2018-2019)

**NOTE #1:** 911 GT3 Cup defined by Porsche using FIA standards for safety components.

**NOTE #2:** The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (991.2 GT3 Cup MR) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Series Number (Typical)</strong></td>
<td>WPOZZZ99Z#S19XXXX (# = Variable Letter; X = Variable Digit)</td>
</tr>
</tbody>
</table>
| **Engine Specification** | Engine to be sealed by PMNA/ Porsche AG  
Number and layout of cylinders/ 6cylinder Boxer  
Type of charging/ Normally Aspirated  
Location of engine/ Rear Longitudinal  
Type of cooling system/ Liquid  
Bore/ 102.015 +0/ 0.1mm, Stroke/ 81.5 +0/ 0.1mm  
Maximum compression ratio/ 13.3  
Cylinder capacity/ 3996 cm³ |
| **Intake System** | Material of manifolds/ Carbon fibre, Aluminum, Rubber  
Manifolds are to be sealed with no leakage |
| **Gearbox Specification** | Gearbox to be sealed by PMNA/ Porsche AG  
OE/Sequential/ Paddle Shift/ Electro-Pneumatic  
Ratios: 1st 13x 41  
2nd 17x 40  
3rd 19x 36  
4th 19x 29  
5th 24x 30  
6th 34x 35  
Constant 17x 41  
OE “Blipper”  
Tampering with or breaking the affixed seals is prohibited. Only authorized PMNA technicians or Series officials may break seals, which must then be replaced by PMNA, Porsche AG or the Series |
| **Differential Specification/ Final Drive** | Differential to be sealed by PMNA/ Porsche AG  
Location/ Integral with gearbox  
Final Drive Ratio/ 14x22  
Type of Differential/ Limited Slip |
<table>
<thead>
<tr>
<th><strong>Brake Package</strong></th>
<th>• OEM/ Performance Friction Corporation/ Mandated</th>
</tr>
</thead>
</table>
| **Brake Calipers Front** | • PFC/ Aluminum Alloy/ 6 piston/  
  • Part# 991.351.427.8A (LHS)  
  • Part# 991.351.428.8A (RHS) |
| **Brake Calipers Rear** | • PFC/ Aluminum Alloy/ 4 piston/  
  • Part# 991.352.427.8A (LHS)  
  • Part# 991.352.428.8A (RHS) |
| **Brake Discs Front** | • PFC/ Steel/ 380mm Diameter/ 32mm Thickness (new)  
  • Part# 991.351.105.8A (LHS)  
  • Part# 991.351.106.8A (RHS) |
| **Brake Discs Rear** | • PFC/ Steel/ 380mm Diameter/ 30mm Thickness (new)  
  • Part# 991.352.107.8A (LHS)  
  • Part# 991.352.108.8A (RHS) |
| **Brake Pads Front** | • PFC/ 991.351.942.8A |
| **Brake Pads Rear** | • PFC/ 991.352.942.8A |
| **Brake Fluid** | • PFC/ 991.355.960.8A |
| **ABS Number** | • Make and Type/ BOSCH  
  • Product number/ Part# PMNMTH355200 991.2 Cup Bosch ABS System  
  • Emerald Class cars are required to use the most current PMNA programming/ as installed by PMNA Technical Staff |
| **Traction Control Number/ Optional** | • OE/ Porsche/ as delivered/ No Modifications?  
  • Emerald Class cars are required to use the most current PMNA programming/ as installed by PMNA Technical Staff |
| **Wheel Size, Offset, Manufacture and Part #’s.** | • Front: BBS/ Aluminum one piece/ 12”x 18”/ 17mm Offset/ Part# PMNMTH362161  
  • Rear: BBS/ Aluminum one piece/ 13”x 18”/ 37.5 Offset/ Part# PMNMTH362181 |
| **Minimum Weight** | • 2890 lbs. (without fuel/ WITH Driver) |
| **Minimum Ride Heights and Measuring Location** | • Front: TBD mm at the Front axle center line/ reference TBD  
  • Rear: TBD mm at the Front axle center line/ reference TBD |
| **Damper Type** | • Front: KW Automotive/ Hydraulic-Gas/ External Gas tank/ 3- way/ Part# PMNMTH034800 Kit |
### Anti-Roll Bar Type
- **Front:** Steel/ OE/ as delivered
- **Rear:** Steel/ Diameter between bearings/ OE/ as delivered
- May be adjusted using only OE range of adjustment
- May be disconnected/ with no parts removed

### Main and Helper Springs
- **Stock OE Main and helper must be used / Retained in their original mounting positions**
- **Front:** Coil/ Steel/ OE as delivered
- **Rear:** Coil/ Steel/ OE as delivered

### Wheelbase
- 2456 +/-10mm

### Track: Minimum/ Maximum
- **Front:** OE as delivered
- **Rear:** OE as delivered

### Overall Length
- 4564 +/-5mm

### Overall Width of Bodywork
- **Front:** OE as delivered
- **Rear:** OE as delivered

### Rear Wing
- **Rear Wing 991.2 Cup MR/ Part# PMNMTH512792**
- **Left Wing Support 991.2 Cup MR/ Part# PMNTH512671**
- **Right Wing Support 991.2 Cup MR/ Part# PMNTH512672**

### Front Splitter
- OE as delivered

### Side Deflectors (Dive Planes)
- 1x per side of Front Bumpers

### Rear Diffuser
- Closed Underbody Unit included. Diffuser
- **Part# PMNMTH802100**

### Rear Wing Set Back/ Height From Roof Line
- OE as delivered

### Cambers
- **Note:** Cambers subject to Tire manufacturer’s recommendation.
- **Front:** -3.5 degrees (Suggested Maximum)
- **Rear:** -3.0 degrees (Suggested Maximum)

### Camber Spacers
- The maximum spacer washer/ shim thickness in the Front and Rear axle control arms.
- **Front axle:** TBD/ OE/ MR Shims
- **Rear axle:** 15mm

### Suspension Type
- **Front:** McPherson Strut/ Coil Spring/ Shock Absorber/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) / Rack and Pinion Steering
- **Rear:** Multi- Link/ Coil Spring/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound)

### Lower Control Arm
- OE as delivered
| **Dash/Data/Data Collection** | • Must use OE dash and data logging system as supplied with the vehicle  
• Cosworth OE Dash/ Data Logging: Cosworth ICD and IPS with series approved software set ups |
| **Restrictions for Secondary Data/Dash Systems/ 991.2 GT3 Cup Cars** | • All 2017 and newer vehicles Must utilize stock OE dash and data logging as supplied with the vehicle. No substitutions are permitted.  
• No additional displays are allowed on any 2017 and newer vehicles |
| **Exhaust System Type** | • OE/ Standard exhaust system as delivered |
| **Water Radiator** | • Aluminum Alloy  
• Part# PMNMTH106038 |
| **Fuel Tank** | • FIA FT3-1999 Specification  
• 100 liters Capacity |
| **Windscreen** | • OE as delivered |
| **Seats** | • OE/ Recaro seat required  
• Seat may be adjusted by removing or adding upholstery  
• Only PMNA approved padding may be used. (Appendix # 9 Technical Regulations V15.10)  
• The original mounting /seat rail and bracket/ must be retained |
| **Window Net** | • Mandated use of OE/ Safecraft bullet release on Left side net.  
• Mandated use of Porsche Motorsport mounting kit/ Part# 991.722.511.7C/ Welding to the Roll Cage is Prohibited  
• Installation of the net must be in contact with the head and attached slightly inboard at the rear. Net must be installed with some tension.  
• The Upper strap of the net must be at or above the center of gravity of the helmet of the Driver.  
• The net(s) must be dated by the manufacturer and must be replaced per the manufacturer’s specifications. |
| **Center Nets** | • Mandated use of OE/ Safecraft system  
• Part# 991.722.523.7A |
| **Windows** | • Front, Rear and Side windows must remain OE/ Damaged or cracked windshields must be approved by the Series Technical Director prior to track use. |
24. **APPENDIX 5A – 911 GT3 Cup Class 997.2 GT3 Cup**  
**Class:** 911 GT3 Cup  
**Description:** 997.2 GT3 Cup (2010-2013)

**NOTE #1:** 911 GT3 Cup defined by Porsche using FIA standards for safety components.  
**NOTE #2:** The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (997.2 GT3 Cup) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series Number (Typical)</td>
<td>WPOZZZ99Z#7S XXX, WPOZZZ99Z#CSXXX (#= Variable Letter/ X= Variable Digit)</td>
</tr>
</tbody>
</table>
| Engine Specification | Engine to be sealed by PMNA/ Porsche AG.  
Number and layout of cylinders/ 6-cylinder Boxer  
Type of charging/ Normally Aspirated  
Location of engine/ Rear Longitudinal  
Type of cooling system/ Liquid  
Bore/ 102.7 +/- 0.1mm, Stroke/ 76.4 +/- 0.1mm  
Maximum compression ratio/ 12:1  
Cylinder capacity/ 3797 cm3 |
| Intake System | Material of manifolds/ Aluminum Alloy |
| Gearbox Specification | Gearbox to be sealed by PMNA/ Porsche AG.  
OE/Sequential/ Manual/ dog-type  
The use of a paddle shift system is allowed with approval from the Series Technical Director. Competent Motorsport, LLC shall regulate software, hardware, plumbing configuration and wiring harness for all approved installations.  
The OE manual shift mechanism is permitted.  
997.2 Class cars have the option to run the 2010 or the 2011-2013 997.2 GT3 Cup gears (complete sets) as delivered.  
| | **2010 Ratios** | **2011-2013 Ratios** |
| Ratios: 1st | 12x 38 | 12x 38 |
| 2nd | 15x 32 | 15x 32 |
| 3rd | 18x 31 | 18x 31 |
| 4th | 23x 31 | 20x 28 |
| 5th | 26x 29 | 23x 26 |
| 6th | 29x 27 | 29x 27 |
• “Blipper”
  • 997.2 GT3 Cup Cars may be fitted with the Porsche Blipper
  • Blipper/ Part# 997.423.073.90
• Blipper Bracket:
  • Part# 997.424.237.91 (2011-2013)
  • Part# 997.424.221.9C (2010)
• Throttle Cable/ Part# 997.423.221.9C

PMNA has to reprogram the ECU with a new file before the cars are run with the Porsche Blipper installed

- Gearbox oil/ Mobil Delvac/ SHC1 75W-90/ Quantity 3.78 liters
- Gear oil additives are strictly PROHIBITED
- Tampering with or breaking the affixed seals is prohibited. Only authorized PMNA technicians or Series officials may break seals, which must then be replaced by PMNA, Porsche AG or the Series.

<table>
<thead>
<tr>
<th>Differential Specification/ Final Drive</th>
<th>Differential to be sealed by PMNA/ Porsche AG</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Location/ Integral with gearbox</td>
</tr>
<tr>
<td></td>
<td>Final Drive Ratio/ OE as delivered</td>
</tr>
<tr>
<td></td>
<td>Type of Differential/ Limited Slip</td>
</tr>
<tr>
<td></td>
<td>Slip Limitation/ Mechanical (Plates/ Ramps)</td>
</tr>
<tr>
<td></td>
<td>Clutch plates 3 per side, Friction plates 3 per side, Belleville washer 1 per side, Spacer 1 per side.</td>
</tr>
<tr>
<td></td>
<td>Angle of Ramps/ 32 Degree +/- 17° (Drive)/ 45 Degree +/-17° (Coast)/ Locking Ratio 37%/52%</td>
</tr>
<tr>
<td></td>
<td>Torque break testing at the discretion of the Technical Director at events</td>
</tr>
<tr>
<td></td>
<td>Must be sealed as the gearbox by PMNA, Porsche AG or the Series</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Brake Package</th>
<th>OE/ Porsche/ Mandated</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Brake Calipers Front</th>
<th>OE/ Porsche/ Aluminum Alloy/ 6 piston</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Part# 997.351.431.90 (LHS)</td>
</tr>
<tr>
<td></td>
<td>Part# 997.351.432.90 (RHS)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Brake Calipers Rear</th>
<th>OE/ Porsche/ Aluminum Alloy/ 4 piston</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Part# 997.352.457.90 (LHS)</td>
</tr>
<tr>
<td></td>
<td>Part# 997.352.458.90 (RHS)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Brake Discs Front</th>
<th>OE/ Porsche/ Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Part# 997.351.409.92 (LHS)</td>
</tr>
<tr>
<td></td>
<td>Part# 997.351.410.92 (RHS)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Brake Discs Rear</th>
<th>OE/Porsche/ Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Part# 997.352.107.A1 (LHS)</td>
</tr>
<tr>
<td></td>
<td>Part# 997.352.108.A1 (RHS)</td>
</tr>
<tr>
<td><strong>Brake Pads Front</strong></td>
<td>Part# PMN.351.940.93 Green pads only.</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td><strong>Brake Pads Rear</strong></td>
<td>Part# PMN.352.930.91 Green pads only.</td>
</tr>
<tr>
<td><strong>Brake Fluid</strong></td>
<td>Part# 996.355.960.90</td>
</tr>
</tbody>
</table>
| **Wheel Size, Offset, Manufacture and Part #’s.** | Front: BBS / Aluminum/ three piece/ 9.5”x 18”/ 37mm Offset/ Part# 997.362.136.96  
Rear: BBS / Aluminum/ three piece/ 12”x 18”/ 53mm Offset/ Part# 997.362.140.97  
Front: APP/ Aluminum/ one piece/ 9.5”x 18”/ 37mm Offset/ Part# 997.362.136.99  
Rear: APP/ Aluminum/ one piece/ 12”x 18”/ 53mm Offset/ Part# 997.362.140.9B |
| **Minimum Weight** | 2855 lbs. (Without Fuel/ WITH Driver) |
| **Minimum Ride Heights and Measuring Location** | Front: 77mm at 991.2/ 991.1 Cup reference point (see graphic Appendix #6 Technical Regulations V15.10)  
Rear: 115mm at 991.2/ 991.1 Cup reference point (see graphic Appendix #3 Technical Regulations V15.10) |
| **Damper Type**    | Any damper that fits in the OE position is permitted. No modification of the mounting points or mounts is permitted.  
Open to any adjustable damper. Competent Motorsport, LLC may require removal of dampers for testing.  
Remote reservoirs are permitted, however, must be mounted without further modification to the car. |
| **Anti-Roll Bar Type** | Front: OE/ Steel/ Part# 997.343.171.92  
Rear: OE/ Steel/ Part# 997.333.171.91  
May be adjusted using only OE range of adjustment  
May be disconnected/ with no parts removed |
| **Main and Helper Springs** | Stock OE Main and helper must be used / Retained in their original mounting positions  
Front: OE/ H&R  
Part# 997.343.531.90 main  
Part# 996.342.537.90 helper  
Rear: OE/ H&R  
Part# 996.333.531.90 main  
Part# 996.333.357.90 helper |
| **Wheelbase**      | 2355+/-10mm                           |
| **Track: Minimum/ Maximum** | Front: OE as delivered  
Rear: OE as delivered |
| **Overall Length** | OE as delivered +/-5mm               |
| **Overall Width of Bodywork** | Front: OE as delivered +/-1%  
Rear: OE as delivered +/-1% |
<table>
<thead>
<tr>
<th>Aero Package</th>
<th>OE Stock</th>
</tr>
</thead>
</table>
| Rear Wing             | • OE wing and wing mounts must be used and may NOT be altered in any way from their OE configuration/ Nothing may be done to alter the position of the wing and wing mounts from the OE position.  
• OE wing and wing mounts may be changed within OE adjustment range/ No additional adjustments or mounting holes may be made.  
• Rear Wing Gurney Optional/ Part# 997.512.105.90 |
| Front Splitter        | OE/ Part# 997.505.557.92 |
| Overhang              | • Front: OE as delivered +/-10mm / Measured from the center of the Front axle to the leading edge of the vehicle (Front Splitter included)  
• Rear: OE as delivered +/-10mm / Measured from the center of the Rear axle to the trailing edge of the vehicle (Rear Wing Excluded) |
| Cambers               | • Note: Cambers subject to Tire manufacturer’s recommendation.  
• Front: -4.0 degrees (Suggested Maximum)  
• Rear: -3.5 degrees (Suggested Maximum) |
| Camber Spacers        | • The maximum spacer washer thickness in the Front and Rear axle control arms.  
• Front axle: 13mm  
• Rear axle: 10mm |
| Suspension Type       | • Front: McPherson Strut / Adjustable for height, camber and toe/ Forged and adjustable top mounts/ Coil Spring/ Shock Absorber/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) /Electro-Hydraulic Power Steering  
• Rear: Multi- Link/ Adjustable for height, camber and toe/ Forged top mounts/ Coil Spring/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) |
| Lower Control Arm     | Graphic Technical Regulations V15.10 Section 8.6.1 |
| Dash/Data/Data Collection | • Must use OE dash and data logging system as supplied with the vehicle  
• MoTec/ OE Dash/ Data logging system: ADL2 Dash V4.5114 software |
| Exhaust System Type   | OE/ Exhaust system with lambda- probe- equipped catalytic converter (400 cubicles)  
• Twin branch center exhaust tailpipe |
| Water Radiator        | • Aluminum Alloy/ Part#  
• Center 996.106.037.75  
• Left 997.106.131.02 |
<table>
<thead>
<tr>
<th>Component</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fuel Tank</strong></td>
<td>• Right 997.106.132.02</td>
</tr>
<tr>
<td></td>
<td>• Premier FT3 safety fuel cell</td>
</tr>
<tr>
<td></td>
<td>• Capacity 100-liter fuel tank</td>
</tr>
<tr>
<td><strong>Windscreen</strong></td>
<td>• Safety Glass/ 4.7mm/ 4.5mm Thickness</td>
</tr>
<tr>
<td><strong>Seats</strong></td>
<td>• OE/ OMP seat required</td>
</tr>
<tr>
<td></td>
<td>• Seat may be adjusted by removing or adding upholstery</td>
</tr>
<tr>
<td></td>
<td>• The original mounting /seat rail and bracket/ must be retained</td>
</tr>
<tr>
<td><strong>Window Net</strong></td>
<td>• Recommended use of Porsche Motorsport mounting kit/ Part# 991.722.511.7C</td>
</tr>
<tr>
<td></td>
<td>/ Welding to the Roll Cage is Prohibited</td>
</tr>
<tr>
<td></td>
<td>• Mandated use of OE/ Safecraft bullet release on Left side net.</td>
</tr>
<tr>
<td></td>
<td>• Installation of the net must be in contact with the head and attached</td>
</tr>
<tr>
<td></td>
<td>slightly inboard at the rear. Net must be installed with some tension.</td>
</tr>
<tr>
<td></td>
<td>• The Upper strap of the net must be at or above the center of gravity of</td>
</tr>
<tr>
<td></td>
<td>the helmet of the Driver.</td>
</tr>
<tr>
<td></td>
<td>• The net(s) must be dated by the manufacture and must be replaced per the</td>
</tr>
<tr>
<td></td>
<td>manufacturer’s specifications.</td>
</tr>
<tr>
<td><strong>Center Nets</strong></td>
<td>• Recommended use of OE/ Safecraft system</td>
</tr>
<tr>
<td></td>
<td>• Part# 991.722.523.7A</td>
</tr>
<tr>
<td><strong>Windows</strong></td>
<td>• Front, Rear and Side windows must remain OE/ Damaged or cracked windshields</td>
</tr>
<tr>
<td></td>
<td>must be approved by the Series Technical Director prior to track use.</td>
</tr>
<tr>
<td></td>
<td>• A NACA duct may be installed on the side window for the purpose of cooling</td>
</tr>
<tr>
<td></td>
<td>the driver. Maximum of 1 per side with 2 ducts permitted per car, Ducts</td>
</tr>
<tr>
<td></td>
<td>must be translucent.</td>
</tr>
</tbody>
</table>
### 25. APPENDIX 5B – 911 GT3 Cup Class 997.1 GT3 Cup

**Class:** 911 GT3 Cup  
**Description:** 997.1 GT3 Cup (2006-2009)

**NOTE #1:** 911 GT3 Cup defined by Porsche using FIA standards for safety components.  
**NOTE #2:** The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (997.1 GT3 Cup) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Series Number (Typical)</strong></td>
<td>• WPOZZZ99Z#S7XXXXX (# = Variable Number/ X= Variable Digit)</td>
</tr>
</tbody>
</table>
| **Engine Specification** | • Engine to sealed by PMNA/ Porsche AG  
• Number and layout of cylinders/ 6-cylinder Boxer  
• Type of charging/ Normally Aspirated  
• Location of engine/ Rear Longitudinal  
• Type of cooling system/ Liquid  
• Bore/ 99.98+/- 0.1mm, Stroke/ 76.4 +/- 0.1mm  
• Maximum compression ratio/ 12:1  
• Cylinder capacity/ 3598 cm3 |
| **Intake System** | • Material of manifolds/ Aluminum Alloy |
| **Gearbox Specification** | • Gearbox to be sealed by PMNA/ Porsche AG.  
• OE/Sequential/ Manual/ dog-type  
• The use of a paddle shift system is allowed with approval from the Series Technical Director. Competent Motorsport, LLC shall regulate software, hardware, plumbing configuration and wiring harness for all approved installations.  
• The OE manual shift mechanism is permitted.  
• Ratios: 1st 12x38  
  2nd 15x32  
  3rd 18x31  
  4th 20x28  
  5th 23x26 or 26x30  
  6th 29x27 or 28x27  
• “Blipper”  
  • 997.1 Porsche “blipper” system used in the 997.2 GT3 Cup  
  • Gearbox oil/ Mobil Delvac/ SHC1 75W-90/ Quantity 3.3 liters  
• Gear oil additives are strictly PROHIBITED |
• Tampering with or breaking the affixed seals is prohibited. Only authorized PMNA technicians or Series officials may break seals, which must then be replaced by PMNA, Porsche AG or the Series.

### Differential Specification/ Final Drive
- Differential to be sealed by PMNA/ Porsche AG
- Location/ Integral with gearbox
- Final Drive Ratio/ OE as delivered
- Type of Differential/ Limited Slip
- Slip Limitation/ Mechanical (Plates/ Ramps)
- Angle of Ramps/ 32 Degree +/- 17’/ 45 Degree +/- 17’/ Locking torque of 40% (power) and 60% (braking).
- Torque break testing at the discretion of the Technical Director at events
- Must be sealed as the gearbox by PMNA, Porsche AG or the Series
- Differential Graphic: (Benelux Attachment 19/ pg. 67)

### Brake Package
- OE/ Porsche/ Mandated

#### Brake Calipers Front
- OE/ Porsche/ Aluminum Alloy/ 6 piston
  - Part# 997.351.431.90 (LHS)
  - Part# 997.351.432.90 (RHS)

#### Brake Calipers Rear
- OE/ Porsche/ Aluminum Alloy/ 4 piston
  - Part# 997.352.457.90 (LHS)
  - Part# 997.352.458.90 (RHS)

#### Brake Discs Front
- OE/ Porsche/ Steel
  - Part# 997.351.409.92 (LHS)
  - Part# 997.351.410.92 (RHS)

#### Brake Discs Rear
- OE/Porsche/ Steel
  - Part# 997.352.107.A1 (LHS)
  - Part# 997.352.108.A1 (RHS)

#### Brake Pads Front
- Part# PMN.351.940.93 Green pads only.

#### Brake Pads Rear
- Part# PMN.352.930.91 Green pads only.

#### Brake Fluid
- Part# 996.355.960.90

#### Wheel Size, Offset, Manufacture and Part #’s.
- Front: BBS / Aluminum/ three piece/ 9”x 18”/ 43mm Offset Part# 997.362.136.94
- Rear: BBS / Aluminum/ three piece/ 11”x 18”/ 30mm Offset Part# 997.362.140.94

#### Minimum Weight
- 2770 lbs. (Without Fuel/ WITH Driver)

#### Minimum Ride Heights and Measuring Location
- Front: 77mm/ 997.1 Cup reference point (see graphic Appendix #6 Technical Regulations V15.10)
- Rear: 115 mm/ 997.1 Cup reference point (see graphic Appendix #6 Technical Regulations V15.10)

#### Damper Type
- Any damper that fits in the OE position is permitted. No modification of the mounting points or mounts is permitted.
• Open to any adjustable damper. Competent Motorsport, LLC may require removal of dampers for testing.
• Remote reservoirs are permitted, however, must be mounted without further modification to the car.

### Anti-Roll Bar Type
- Front: OE/ Steel/ Part# 997.343.171.90/ 996.343.701.9D
- Rear: OE/ Steel/ Part# 997.333.171.90/ 996.333.701.9B
• May be adjusted using only OE range of adjustment
• May be disconnected/ with no parts removed

### Main and Helper Springs
- Stock OE Main and helper must be used / Retained in their original mounting positions
- Front: OE/ H&R/
  • Part# 997.343.531.90 main
  • Part# 996.343.537.90 helper
- Rear: OE/ H&R/
  • Part# 996.333.531.90 main
  • Part# 996.333.357.90 helper

### Wheelbase
- 2355+/-10mm

### Track: Minimum/ Maximum
- Front: OE as delivered
- Rear: OE as delivered

### Overall Length
- OE as delivered +/-5mm

### Overall Width of Bodywork
- Front: OE as delivered +/- 1%
- Rear: OE as delivered +/- 1%

### Rear Wing
- OE wing and wing mounts must be used and may NOT be altered in any way from their OE configuration/ Nothing may be done to alter the position of the wing and wing mounts from the OE position.
- OE wing and wing mounts may be changed within OE adjustment range/ No additional adjustments or mounting holes may be made.
- Rear Wing Gurney Optional/ Part# 997.512.105.90

### Front Splitter
- OE/ Part# 997.505.983.91

### Overhang
- Front: OE as delivered +/-10mm / Measured from the center of the Front axle to the leading edge of the vehicle (Front Splitter included)
- Rear: OE as delivered +/-10mm / Measured from the center of the Rear axle to the trailing edge of the vehicle (Rear Wing Excluded)

### Cambers
- Note: Cambers subject to Tire manufacturer's recommendation.
- Front: -4.0 degrees (Suggested Maximum)
- Rear: -3.5 degrees (Suggested Maximum)
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
</table>
| Camber Spacers | • The maximum spacer washer thickness in the Front and Rear axle control arms.  
  • Front axle: 13mm  
  • Rear axle: 10mm |
| Suspension Type | • Front: McPherson Strut / Adjustable for height, camber and toe/ Forged and adjustable top mounts/ Coil Spring/ Shock Absorber/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) /Electro-Hydraulic Power Steering  
  • Rear: Multi- Link/ Adjustable for height, camber and toe/ Forged top mounts/ Coil Spring/ Main & Helper Spring/ Bump Stop (on shock for bump/ in shock for rebound) |
| Lower Control Arm | • Graphic Technical Regulations V15.10 Section 8.6.1 |
| Dash/Data/Data Collection | • Must use OE dash and data logging system as supplied with the vehicle/  
  • MoTec/ OE Dash/ Data logging system: ADL2 Dash |
| Exhaust System Type | • OE/ Exhaust system with lambda- probe- equipped catalytic converter (400 cubicles)  
  • Twin branch center exhaust tailpipe |
| Water Radiator | • Aluminum Alloy/ Part#  
  • Center 996.106.037.75  
  • Left 997.106.131.02  
  • Right 997.106.132.02 |
| Fuel Tank | • FIA Homologation / Material FT3  
  • Capacity 90-liter fuel tank |
| Windscreen | • Safety Glass/ 4.7mm/ 4.5mm Thickness |
| Seats | • OE/ OMP seat required  
  • Seat may be adjusted by removing or adding upholstery  
  • The original mounting/seat rail and bracket/ must be retained |
| Window Net | • Recommended use of Porsche Motorsport mounting kit/ Part# 991.722.511.7C / Welding to the Roll Cage is Prohibited  
  • Mandated use of OE/ Safecraft bullet release on Left side net.  
  • Installation of the net must be in contact with the head and attached slightly inboard at the rear. Net must be installed with some tension.  
  • The Upper strap of the net must be at or above the center of gravity of the helmet of the Driver.  
  • The net(s) must be dated by the manufacture and must be replaced per the manufacturer’s specifications. |
| Center Nets       | • Recommended use of OE/ Safecraft system  
|                 | • Part# 991.722.523.7A |
| Windows          | • Front, Rear and Side windows must remain OE/ Damaged or cracked windshields must be approved by the Series Technical Director prior to track use.  
|                 | • A NACA duct may be installed on the side window for the purpose of cooling the driver. Maximum of 1 per side with 2 ducts permitted per car, Ducts must be translucent. |
26. **APPENDIX 5C – 911 GT3 Cup Class 996 GT3 Cup**  
Class: 911 GT3 Cup  
**Description:** 996 GT3 Cup (1999 – 2005)

**NOTE #1:** 911 GT3 Cup defined by Porsche using FIA standards for safety components.  
**NOTE #2:** The most current PMNA technical manual and parts catalogue (as found in PMRSI) are considered an appendix to this rule book, unless otherwise stated. Part numbers and best practices that pertain to Class (996 GT3 Cup) will be referenced as part of the Technical Inspection process. Competitors are encouraged to enroll in the PMRSI bulletin program by contacting PMNA.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series Number (Typical)</td>
<td>• WPOZZZ99Z#S6XXXXX (# = Variable Number/ X= Variable Digit)</td>
</tr>
</tbody>
</table>
| **Engine Specification** | • Engine to be sealed by PMNA/ Porsche AG  
• Number and layout of cylinders/ 6-cylinder Boxer  
• Type of charging/ Normally Aspirated  
• Location of engine/ Rear Longitudinal  
• Type of cooling system/ Liquid  
• Bore/ 99.98+/- 0.1mm, Stroke/ 76.4 +/- 0.1mm  
• Maximum compression ratio/ 11.8:1  
• Cylinder capacity/ 3598 cm3  
• Model years (1999-2003) may have PMNA upgraded replacement engines to (2005) specifications installed |
| **Intake System** | • Material of manifolds/ Aluminum Alloy |
| **Gearbox Specification** | • Gearbox to be sealed by PMNA/ Porsche AG.  
• OE/ Six-Speed/ Manual  
• Ratios: 1st 13 x 41  
2nd 20 x 40  
3rd 25 x 39  
4th 26 x 34  
5th 32 x 35  
6th 34 x 31  
• Gearbox oil/ Mobil Delvac/ SHC1 75W-90/ Quantity 3.3 liters  
• Gear oil additives are strictly PROHIBITED  
• Tampering with or breaking the affixed seals is prohibited. Only authorized PMNA technicians or Series officials may break seals, which must then be replaced by PMNA, Porsche AG or the Series. |
| **Differential Specification/ Final Drive** | • Differential to be sealed by PMNA/ Porsche AG  
• Location/ Integral with gearbox  
• Final Drive Ratio/ OE as delivered |
| **Type of Differential/ Limited Slip** | • Slip Limitation/ Mechanical (Plates/ Ramps)  
| **Angle of Ramps/ 32 Degree +/- 17’ (Pull)/ 45 Degree +/-17’ (Push)/ 40/60% Locking value** | • Torque break testing at the discretion of the Technical Director at events  

| **Brake Package** | • OE/ Porsche/ Mandated  
| **Brake Calipers Front** | • OE/ Porsche/ Aluminum Alloy/ 6 piston  
| | • Part# 996.351.431.91 (LHS)  
| | • Part# 996.351.432.91 (RHS)  
| **Brake Calipers Rear** | • OE/ Porsche/ Aluminum Alloy/ 4 piston  
| | • Part# 996.352.425.92 (LHS)  
| | • Part# 996.352.426.92 (RHS)  
| **Brake Discs Front** | • OE/ Porsche/ Steel  
| | • Part# 996.351.409.9J (LHS)  
| | • Part# 996.351.410.9J (RHS) (MY 2002-2005)  
| | • Part# 996.351.409.90 (LHS)  
| | • Part# 996.351.410.90 (RHS) (MY 1999-2001)  
| **Brake Discs Rear** | • OE/Porsche/ Steel  
| | • Part# 996.352.405.90 (LHS)  
| | • Part# 996.352.406.90 (RHS) (MY 1999-2005)  

| **Brake Pads Front** | • PMN.351.940.90 (MY 1999-2001) Green pads required  
| | • PMN.351.940.92 (MY 2002-2005) Green pads required  
| **Brake Pads Rear** | • PMN.352.930.90 (MY 1999-2005) Green pads required  
| **Brake Fluid** | • Part# 996.355.950.00 Open  
| **ABS** | • The Porsche 996 Cup has a pneumatic assisted brake system. The regulation of the braking is controlled by an ABS 5 unit (four channel control).  
| **BOSCH / Porsche Part# 996.355.049.92** |  
| **Wheel Size, Offset, Manufacture and Part #’s.** | • Front: BBS / Aluminum/ three piece/ 9”x 18”/ 46mm Offset Part# 996.362.136.97  
| | • Rear: BBS / Aluminum/ three piece/ 11”x 18”/ 59mm Offset Part# 996.362.140.97  
| **Minimum Weight** | • 2750 lbs. (Without Fuel/ WITH Driver)  
| **Minimum Ride Heights and Measuring Location** | • Front: 85 mm/ 996Cup reference point at the front axle mounting bolts (M14x 120) of the crossmember  
| | • Rear: 105mm/ 996 Cup reference point at machined surface on the side surface of the rear axle  
| **Damper Type** | • Any damper that fits in the OE position is permitted. No modification of the mounting points or mounts is permitted.  

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• Open to any adjustable damper. Competent Motorsport, LLC may require removal of dampers for testing.
• Remote reservoirs are permitted, however, must be mounted without further modification to the car.

### Anti-Roll Bar Type
- **Front:** OE/Steel/ Part# 996.343.701.90
- **Rear:** OE/Steel/ Part# 996.333.701.90
- May be adjusted using only OE range of adjustment
- May be disconnected/ with no parts removed

### Main and Helper Springs
- Stock OE Main and helper must be used / Retained in their original mounting positions
- **Front:** OE/H&R
  - Part# 996.343.531.90 main
  - Part# 996.343.537.90 helper
- **Rear:** OE/H&R
  - Part# 996.333.531.90 main
  - Part# 996.333.537.90 helper

### Wheelbase
- Shortest wheelbase

### Track: Minimum/ Maximum
- **Front:** OE as delivered
- **Rear:** OE as delivered

### Overall Length
- OE as delivered +/−5mm

### Overall Width of Bodywork
- **Front:** OE as delivered +/− 1%
- **Rear:** OE as delivered +/− 1%

### Aero Package
- Stock/ OE/ no modifications permitted

### Rear Wing
- OE wing and wing mounts must be used and may NOT be altered in any way from their OE configuration/ Nothing may be done to alter the position of the wing and wing mounts from the OE position.
- OE wing and wing mounts may be changed within OE adjustment range/ No additional adjustments or mounting holes may be made.

### Front Splitter
- OE Part Numbers:
  - Part# 996.505.986.91 (MY 2002-2005)
  - Part# 996.505.986.90 (MY 2000-2001)
  - Part# 996.505.986.00 (MY 1999)

### Overhang
- **Front:** OE as delivered +/-10mm / Measured from the center of the Front axle to the leading edge of the vehicle (Front Splitter included)
- **Rear:** OE as delivered +/-10mm / Measured from the center of the Rear axle to the trailing edge of the vehicle (Rear Wing Excluded)

### Cambers
- Note: Cambers subject to Tire manufacturer’s recommendation.
- Front: -4.0 degrees (Suggested Maximum)
### Camber Spacers
- Rear: -3.5 degrees (Suggested Maximum)
- The maximum spacer washer thickness in the Front and Rear axle control arms.
  - Front axle: 13mm
  - Rear axle: 10mm

### Suspension Type
- Front: McPherson Strut / Adjustable for height, camber and toe / Two-piece lower control arms for camber adjustment / Main & Helper Springs / Shock Damper mounted on Upright / Mechanical Power Steering
- Rear: Multi-Link / Adjustable for height, camber and toe / Two-piece lower control arms for camber adjustment / Main & Helper Springs

### Lower Control Arm
- Front: The semi-trailing arms in the Front control arms must be left in the position in which they are delivered (shortest wheelbase). (Mid-position is not permitted)
- Rear: The wheel-side bearing points of the Rear control arms must be left in the mid-position as delivered and must not be rotated.

### Dash/Data/Data Collection
- Must use OE dash and data logging system as supplied with the vehicle
- MoTec/ OE Dash/ Data logging system: ADL2 Dash

### Exhaust System Type
- OE/ Exhaust system with lambda-probe-equipped catalytic converter (400 cubicles)
- Twin branch center exhaust tailpipe

### Water Radiator
- Aluminum Alloy
- MY 2001-2005
  - Part# Center 996.106.037.73
  - Part# Left 996.106.131.51
  - Part# Right 996.106.132.51
- MY 1999-2000
  - Part# Center 996.106.037.50
  - Part# Left/Right 996.106.131.50

### Fuel Tank
- FIA Homologation / Material FT3
- Capacity 89 liters or 100-liter FT3 tank from the GT3 RS

### Windscreen
- Safety Glass / OE

### Seats
- OE/seat required/Recaro/OMP
- Seat may be adjusted by removing or adding upholstery
- The original mounting /seat rail and bracket/ must be retained
| **Window Net** | • Recommended use of Porsche Motorsport mounting kit/ Contact PMNA/ Welding to the Roll Cage is Prohibited  
• Mandated use of OE/ Safecraft bullet release on Left side net.  
• Installation of the net must be in contact with the head and attached slightly inboard at the rear. Net must be installed with some tension.  
• The Upper strap of the net must be at or above the center of gravity of the helmet of the Driver.  
• The net(s) must be dated by the manufacture and must be replaced per the manufacturer’s specifications. |
| **Center Nets** | • Recommended use of OE/ Safecraft system  
• Part# 991.722.523.7A |
| **Windows** | • Front, Rear and Side windows must remain OE/ Damaged or cracked windshields must be approved by the Series Technical Director prior to track use.  
• A NACA duct may be installed on the side window for the purpose of cooling the driver. Maximum of 1 per side with 2 ducts permitted per car, Ducts must be translucent. |
27. **APPENDIX 6 - Minimum Ground Clearance GT3**

- GT3 Classes – Platinum, Gold, Emerald and 997.2/997.1

Minimum ground clearance (Ride Height) of front axle measurement point.

- Diamond Class
- Platinum Class
- Gold Class

Minimum ground clearance (Ride Height) of rear axle measurement point
28. APPENDIX 7 – Minimum Ground Clearance GT4

<table>
<thead>
<tr>
<th></th>
<th>Avant / Front</th>
<th>Arrière / Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hauteur minimum</td>
<td>81 mm</td>
<td>94 mm</td>
</tr>
<tr>
<td>Sans carburant</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Minimum height of the chassis from the ground</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- GT4 Classes – Silver and Bronze
29. APPENDIX 8 – Differential Graphics Platinum/Gold

Drehrichtung / turning direction
Ausrichtungshilfe / alignment points
Zugseite / drive: 52°
Schubseite / coast: 30°
30. APPENDIX 9 – OE Recaro/OMP Seat Padding Graphic
31. APPENDIX 10 - Approved Ballast Location Graphics
32. APPENDIX 11 - Series Driver and Team Overall Patches

Suggested Patch Locations

Location interchangeable

Right or Left Arm
33. APPENDIX 12 – Mandatory Class/Car Sticker Locations Graphics

All cars must carry the mandatory Series Stickers in the locations detailed below and on the corresponding illustrations.

TO BE DETERMINED
34. APPENDIX 13 – Mandatory Radio Frequencies

- CHANNEL RX-FREQ TPL CODE
- Race Control (Primary) 461.2000 DPL432
35. **APPENDIX 14 - Equivalence Formula**

- 1 inch = 2.54 centimeters = 25.4 millimeters
- 1 millimeter = 0.1 centimeters = 0.03937 inches
- 1 foot = 12 inches = 0.3048 meters
- 1 meter = 3.28 feet = 1.0936 yards
- 1 mile = 1760 yards = 5280 feet = 1.60934 kilometers
- 1 kilometer = 1000 meters = 1093.6 yards = 0.62137 miles
- 1 square inch = 6.45 square centimeters
- 1 cubic inch = 16.387 cubic centimeters
- 1 cubic centimeter = 0.061 cubic inches
- 1 U.S. gallon = 4 U.S. quarts = 231.18 cubic inches = 3.785 liters
- 1 liter = 1000 cubic centimeters = 61.0255 cubic inches = 0.264 U.S. gallons
- 1 pound = 16 ounces = 453.592 grams
- 1 kilogram = 1000 grams = 2.2046 pounds
- 1 mile per hour = 1.467 feet per second = 1.60934 kilometers per hour
- 1 kilometer per hour = 0.62137 miles per hour
- Cylinder volume (displacement) = \(3.1416 \times \text{bore}^2 \times \text{stroke} \times 4\)
- Engine displacement = Cylinder volume \times \text{number of cylinders}
- Weight of gasoline = 6.3 pounds per gallon Sunoco 260GTX
- Atmospheric pressure = 29.92” HG = 14.7 P.S.I. = 1.01 Bar
- 1 Bar = 14.5 P.S.I.
- Average speed formula = \(\frac{3600 \times \text{length of track} \times \text{number of laps}}{\text{Total time in seconds}}\)
### 36. APPENDIX 15 – Class Colors on the Rear Wing End Plates and Side Mirrors

<table>
<thead>
<tr>
<th>Model</th>
<th>Trophy</th>
<th>Color</th>
<th>Pantone</th>
</tr>
</thead>
<tbody>
<tr>
<td>911 GT3 Cup (991.2)</td>
<td>Platinum Class</td>
<td><img src="#" alt="Black" /></td>
<td>PMS Black C</td>
</tr>
<tr>
<td>911 GT3 Cup (991.1)</td>
<td>Gold Class</td>
<td><img src="#" alt="Yellow" /></td>
<td>PMS 115 U</td>
</tr>
<tr>
<td>Cayman GT4 CS “SRO” (982)</td>
<td>Silver Class</td>
<td><img src="#" alt="White" /></td>
<td>PMS Cool Gray 3C</td>
</tr>
<tr>
<td>Cayman GT4 CS “Comp” (982)</td>
<td>Silver Class</td>
<td><img src="#" alt="White" /></td>
<td>PMS Cool Gray 3C</td>
</tr>
<tr>
<td>Cayman GT4 CS “MR” (981)</td>
<td>Bronze Class</td>
<td><img src="#" alt="Brown" /></td>
<td>PMS 876 C</td>
</tr>
<tr>
<td>Cayman GT4 CS “Trophy” (981)</td>
<td>Bronze Class</td>
<td><img src="#" alt="Brown" /></td>
<td>PMS 876 C</td>
</tr>
<tr>
<td>911 GT3 R (991.1)</td>
<td>Diamond Class</td>
<td><img src="#" alt="Red" /></td>
<td>PMS 1797 C</td>
</tr>
<tr>
<td>911 GT3 R (997)</td>
<td>Diamond Class</td>
<td><img src="#" alt="Red" /></td>
<td>PMS 1797 C</td>
</tr>
<tr>
<td>911 GT3 Cup MR (991.2)</td>
<td>Emerald Class</td>
<td><img src="#" alt="Green" /></td>
<td>PMS 354 C</td>
</tr>
<tr>
<td>911 GT3 Cup (997.2)</td>
<td>CUP-3 Class</td>
<td><img src="#" alt="Blue" /></td>
<td>PMS 7465</td>
</tr>
<tr>
<td>911 GT3 Cup (997.1)</td>
<td>CUP-2 Class</td>
<td><img src="#" alt="Orange" /></td>
<td>PMS 021 C</td>
</tr>
<tr>
<td>911 GT3 Cup (996)</td>
<td>CUP-1 Class</td>
<td><img src="#" alt="Black" /></td>
<td>PMS Black C</td>
</tr>
</tbody>
</table>
37. Trophy Regulations – Cayman GT4 Clubsport
Trophy Regulations – Cayman GT4 Clubsport

Porsche Trophy West USA

January 2019
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2.1.2  Regulation Compliance
2.1.3  Regulation Amendments
2.1.4  Competitor Responsibility
2.1.5  Dangerous Construction

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ARTICLE 1. GENERAL DEFINITIONS

a. These regulations are created to define the Porsche Cayman GT4 Trophy Series.

b. The Cayman GT4 Trophy Series is a one make cup consisting entirely of Cayman GT4 Clubsport models.

c. Unless permitted herein, all cars are to be run in an “as delivered” state from Porsche Motorsport using Original Equipment (OE) parts from Porsche, Porsche Motorsport or Manthey Racing.

d. The Cayman GT4 Technical Handbook, Parts Catalog and Technical Bulletins are the reference for parts validity and technical matters.

ARTICLE 2. REGULATIONS

2.1 General

2.1.1 Role of PMNA

a. The following regulations for Cayman GT4 Clubsport Trophy are issued by Porsche Motorsport North America (PMNA).

2.1.2 Regulation Compliance

a. What is not expressly permitted by the present regulations is prohibited.

2.1.3 Regulation Amendments

a. Modifications to these regulations may be made on the grounds of safety and may be enforced immediately without notice.

b. PMNA reserves the right to modify these Technical Regulations.

2.1.4 Competitor Responsibility

a. It is the duty of each Competitor to satisfy the Technical Officials that his car complies with these regulations in their entirety at all times during a Competition.

2.1.5 Dangerous Construction

a. A car, the construction of which is deemed dangerous, may be excluded by the Technical Officials.
ARTICLE 3. VEHICLE DEFINITION

3.1 Class Name

a. Silver - 2019 (Type 982) 718 Cayman GT4 Clubsport

b. Bronze – 2016 (Type 981) Cayman GT4 Clubsport

3.2 Vehicle Type Eligibility

a. For a vehicle to be eligible in the Cayman GT4 Trophy series it must be an original Porsche Cayman GT4 Clubsport as delivered by Porsche Motorsport and the VIN number must reflect the same. No aftermarket conversions to Clubsport cars are permitted.

b. Eligible vehicle variants permitted to run:

2016 Type (981) Cayman GT4 Clubsport:

- Trophy Specification

- MR (SRO Homologation GT4-024, -2018 EVO kit not eligible).

Conversion from Trophy Specification to MR allowed. Conversion must be complete conversion with the exception of the 70L fuel cell and single master cylinder can be retained.

2019 - Type (982) 718 Cayman GT4 Clubsport:

- Competition

If Competition car is equipped with SRO kit, the car must install weight plate 991.504.847.7B and Carry +12kg over minimum weight. If SRO kit is installed, kit must be complete.

Trackday variant permitted if converted to Competition. Installation of Dual Master Cylinder with Brake Balance Adjuster and Three-way Damper compulsory.

c. Except where specifically permitted herein, there are no changes permitted to the cars from their original specifications. There must be no welding, cutting, machining, drilling, acid dipping, or other chemical treatment of the car to change its mechanical properties.

d. Except where specified, all parts must be original equipment as defined in Article 1.c.

Transposition of parts from one model year to another is prohibited except as specified herein. Modification of any supplied part, modifying their mounting or mounting position is prohibited.

e. Porsche Motorsport North America (PMNA) is the only authority to judge the eligibility of a Cayman GT4 Clubsport.

3.3 Eligibility Amendments
If in sole judgment of the Series Technical Manager, the cars do not meet the spirit or intent of these regulations, he may order them to be corrected to be in compliance prior to any further participation in the event. Any waiver of any technical requirement by the Series Technical Manager shall specify the length of time the waiver shall be in force and shall not constitute an ongoing waiver, or a waiver for any other cars for the same issue.

3.4 Limits of Adjustment

a. Except as maybe specified or permitted in these regulations, the limit of any adjustment on the car shall be the range of adjustment permitted by the OE parts using the OE fixation points as supplied by the manufacturer. Additional adjustment points within or outside the range must not be created by altering parts from their as-manufactured configuration.

3.5 Technical Inspection

a. Technical Inspection will take place throughout the event defined in the event Schedule and SR. Cars may be called to Technical Inspection at any time at the request of the Technical Director. Cars must be compliant at all times during event with the Technical Regulations.

3.6 Vehicle Modifications

a. Unless expressly stated by Cayman GT4 Trophy Series Technical Regulations, no modifications to the technical specification of the vehicle are permitted by a competitor.

b. Modifications to the specification of a vehicle are only permitted when executed and approved by PMNA

Article 4. Overall Dimensions

4.1 Overall Length

a. The overall length of the vehicle is measured at the centerline of the vehicle

b. The overall length of the vehicle includes the front splitter and rear wing.

4.2 Overall Width

a. The specific overall width and measurement tolerance for a vehicle is defined by. (The Porsche GT4 Clubsport Technical Manual and Homologation Papers)

4.3 Width of Bodywork at Axle Centerline

a. The width of the bodywork at the axle centerline is measured at the front or rear axle centerline.

b. The specific bodywork width and measurement tolerance for a vehicle is defined by the Porsche GT4 Clubsport Technical Manual and Homologation Forms NAT-GT4-024 and NAT-GT4-XXX (pending)

a. The front overhang is measured along the vehicle centerline from the front axle centerline to the forwards extremity of the splitter.

i. (Type 981) Front overhang is 1054mm (+/- 10mm)

ii. (Type 982) Front overhang is 1068mm (+/- 10mm)
b. The rear overhang is measured along the vehicle centerline from the rear axle centerline to the rear most point of the car.

i. (Type 981) Rear overhang is 908mm (+/- 10mm)

ii. (Type 982) Rear overhang is 912mm (+/- 10mm)

4.4 Wheelbase and Track Width

a. Overall Length of Car

i. (Type 981) 4438mm (+/- 5mm)

ii. (Type 982) 4456mm (+/- 10mm)

b. Overall Width of Car

i. (Type 981) 1810mm (+/- 1%) Measured at Rear Axle Centerline.

ii. (Type 982) 1817mm (+/- 1%) Measured at Panel of Air Intake Opening

c. Track Width

i. (Type 981) Front:1565-1605mm Rear: 1545-1590mm

ii. (Type 982) Front:1555-1605mm Rear: 1545-1610mm

4.5 Ride Height

a. The minimum ride height clearance of the ready-to-race vehicle (with required vehicle minimum weight with driver and Dry type tires set at 29psi +/- 1.5 psi (2.0 bar +/- .1bar) air pressure, must not be less than the specified dimension, as measured at the specified measuring points, at any time during the event.

b. The measuring points are as illustrated in Appendix B Illustrations 1 and 2. At the front they are the shaded area on the front axle cross member. (See illustration 1). At the rear they are the specified area of the lower chassis brace. (See illustration 2) Ride Height must only be changed within the existing adjustment range.

c. Ride Height will be measured in Race Ready condition with Driver seated in Car.

d. Specified minimum Ride Height

Front: 81mm Rear: 94mm

4.6 Weight

a. Minimum car weight, including driver, properly attired in required racing equipment, presented in race ready condition is for each class

i. (Type 981) Clubsport = 3,130 lbs. / MR = 3,156 lbs.

ii. (Type 982) COMP = 3,100 lbs. / SRO = 3,126 If SRO Kit is installed, car must install weight plate 991.504.847.7B and carry additional +12Kg over Minimum Weight.
b. The addition of any fluids or any type of ballast (such as ice or water in the drivers cooling system in parc ferme’ is prohibited.

4.7 Ballast

a. Ballast may be used to meet minimum weight requirements.

b. Ballast is to be mounted in the passenger seat area only.

d. Only Porsche ballast components may be used. e. Any moveable ballast system when the car is in motion is forbidden.

f. No weight may be removed from the OE structure of the car.

4.8 Adding during the race

a. The adding to the car during the race of any solid material whatsoever, and the replacement during the race of any part of the car with another which is materially heavier, are forbidden.

b. Nothing is to be added to the car when weighing is in progress.

4.9 Measurements

a. All measurements must be taken while the car is stationary on a flat horizontal surface.

5. Bodywork

5.1 General

a. All bodywork must remain OE and no alternate parts (except as provided herein) are permitted. No unauthorized modifications are permitted to the bodywork.

b. Bodywork joints/seams may not be taped or covered in any way.

5.2 Bodywork attachment

a. Bodywork must be rigidly secured to the sprung part of the car (chassis/body unit).

b. Bodywork must be securely fixed and remain immobile while the vehicle is in motion.

c. Any device or construction that is designed to bridge the gap between the sprung part of the car and the ground is prohibited.

5.3 Safety fasteners

a. Original Equipment deck lid fasteners must be used with attaching cables to prevent accidental loss of pin.

5.4 Mirrors

a. The two external rear view mirrors are required and must be OE. A Car missing a mirror may be stopped by race control until the deficiency is corrected.

b. Type 982 allowed to install Factory option interior mirror. Part number 991.731.511.8A
Article 6. Windshield and Windows

6.1 Windshield
a. Front Windshield must be OE Glass for (Type 981) Trophy Spec. and (Type 982) Competition and OE Polycarbonate for (Type 981) MR and (Type 982) Competition w/ SRO kit.
b. Any tear-off or film applied to the windshield must be clear and must have the sole purpose of protecting the windshield. Protective foil for the quarter windows and rear glass are highly recommended. Part number MTH541921 (Side Window Foil only MTH541922)
c. Damaged or cracked windshields must be approved by the Technical Manager prior to on-track use.
d. A windscreen wiper in working order is compulsory.

6.2 Side Windows
a. Trophy Spec. Cars must retain original glass windows and window motors.
b. Trophy Spec. Car windows can be run in the up or down position when on track.
c. MR Cars polycarbonate door windows may be removed.
d. Rear side windows may not be modified. Rear side window must be retained with the original gasket mounting.
e. Protective film can be installed on rear window and side windows. (Part Number MTH541913)

6.3 Treatments
a. Reflective, Darkened, or Mirror window treatments are prohibited.

Article 7. Aerodynamic Devices

7.1 Rear Wing
a. The OE Wing and Wing Mounts must be used.
i. May not be altered from OE configuration
ii. Nothing may be done to alter the position of the wing and wing mount in relation to the body of the car from the OE position.
b. The (Type 981) Trophy Spec. cars must run the standard wing and gurney with the 22mm Trophy gurney. See Appendix C Illustration 3.
c. The (Type 981) MR Spec. cars must run the MR wing with integrated gurney.
d. Adjustment range of the rear wing is limited to the stock OE range. No modifications are permitted to the rear wing uprights or mounts.
7.2 Front Diffusor channels.

a. (Type 981 only) The Trophy spec. car front diffusor channels are to be blocked. Original blockers with Part number (Left: MTH504702, Right MTH504701) See Appendix C Illustration 3

Article 8. Engine

8.1 Engine Eligibility

a. The engine must be original, as delivered with no modifications.

8.2 Engine Control Unit.

a. Only the OE Engine Control Unit (DME) with the OE programming are permitted. Tampering with or re-programming of the ECU is strictly prohibited.

b. Except where provided herein, additional components must not be installed between the ECU and engine.

c. The wiring harness must remain OE

d. ECU and Diagnostic ports may be sealed at Scrutineering. Tampering with or breaking the seals is prohibited.

e. Only series officials or PMNA may break the seals, which must then be replaced by the series.

f. ECUs are subject to random seizure and replacement at any time.

e. PMNA and Series Officials may access and inspect the ECU programming at any time.

f. PMNA or The Technical Director may request the ECU or ECU data at any time.

8.3 Intake

a. The original complete intake system must be used without modification.

b. The original, as delivered paper style air filter must be used. No aftermarket air filters are permitted.

c. Any faulty functioning of the intake plenum is the Competitors responsibility.

d. Other than fuel – for the normal purpose of combustion in the engine – internal and/or exterior spraying or injection of water or any substance is prohibited.

8.4 Engine Change

a. Replacement of the engine must be reported immediately to the Series Technical Manager. If the engine is changed following qualifying, the car must start from the back of the grid.

Article 9. Exhaust

9.1 General

a. The entire exhaust system must remain OE, including the interior and tail pipes.
b. The (Type 981 only) optional exhaust manifold from PMNA without a catalyst is permitted.

c. The (Type 982 only) optional muffler is permitted. Team is solely responsible for any track specific sound restrictions.

**Article 10. Fuel Specification**

**10.1 Permitted Fuel**

a. The only fuel permitted is 97-101 OCTANE Unleaded Race Fuel (Example: SUNOCO 260 GTX, VP 100, VP101)

b) Fuel testing samples maybe collected at the discretion of the Technical Director, anytime during the event

**10.2 Additives**

a. Nothing other than air may be mixed with the fuel.

**10.3 Fuel Temperature**

a. The storing of fuel on board the car at a temperature less than 10°C below ambient temperature is forbidden.

b. The use of a specific device, whether on board the car or not, to reduce the temperature of the fuel below ambient temperature is forbidden.

**Article 11. Fuel Cell**

**11.1 General**

a.

i. (Type 981) Only the OE 70L or 100L FT3 Fuel cell permitted. Modifications of the cell or components are forbidden.

ii. (Type 982) Only the OE 80L or 115L FT3 Fuel cell permitted. Modifications of the cell or components are forbidden.

b. Type (981) 90L Fuel tank option from production car is not allowed. Car can be converted to FT3 Fuel Cell

c. OE filler locking cap or OE Dry Break allowed.

**11.2 Fuel Sampling**

a. PMNA or the Technical Director has the right to sample a competitor’s fuel at any time.

**Article 12. Cooling and Lubrication**

**12.1 Lubrication**

a. Must be OE, no modifications are permitted.
12.2 Cooling System

a. Must be OE, no modifications are permitted.
b. Glycol based additives are prohibited.
c. Condensers must remain in place if equipped with Air Conditioning or Not.
d. Taping of the radiator openings or running of blockers is not permitted.

Article 13. Transmission

13.1 Transmission System

a. Transmission fitted as OE required. No modifications are permitted.

13.2 Differential, Clutch, CV Joints, and Axles

a. Mechanical Limited Slip differential fitted as OE is required. No modifications to the ramps or Friction Set arrangement are permitted.
b. Radially nested multiple disc wet clutch fitted as OE without modification is required.
c. CV joints and axle shafts fitted as OE are required.
d. 10mm Axle Shaft spacer is allowed and recommended (Part Number MTH332527)

13.3 Gear Ratios
a. Gear Ratios and Final Drive are OE with no exceptions.

**Transmission ratios**

<table>
<thead>
<tr>
<th>Gear</th>
<th>( l_{gear} )</th>
<th>( l_{tot} )</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>43/11</td>
<td>3.909</td>
</tr>
<tr>
<td>2</td>
<td>55/24</td>
<td>2.292</td>
</tr>
<tr>
<td>3</td>
<td>43/26</td>
<td>1.654</td>
</tr>
<tr>
<td>4</td>
<td>43/33</td>
<td>1.303</td>
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<tr>
<td>5</td>
<td>40/37</td>
<td>1.081</td>
</tr>
<tr>
<td>6</td>
<td>37/24</td>
<td>0.881</td>
</tr>
<tr>
<td>R</td>
<td>39/11</td>
<td>11.667</td>
</tr>
<tr>
<td>Constant</td>
<td>47/41</td>
<td>1.146</td>
</tr>
<tr>
<td>Ring gear and pinion shaft</td>
<td>39/12</td>
<td>3.250</td>
</tr>
</tbody>
</table>

Overall ratio = gear ratio \( \times \) constant \( \times \) ring gear and pinion shaft

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**Article 14. Braking System**

14.1 General

a. The braking system (including calipers, rotors, master cylinders and pads) must be OE parts. Master Cylinders must be maintained in their original front and rear hydraulic circuit position.

b. (Type 981) Dual Master Cylinders from the MR may be run on the Trophy Spec. Car without penalty.

c. (Type 982) Trackday variant converted to Competition must install dual master cylinder with brake bias adjuster.

14.2 ABS/PSM

a. The original PSM hydraulic control unit and software must be the Porsche Original Equipment with no modification.

14.3 Brake Cooling

a. The only method permitted for the cooling of the brake system components is the channeling of ambient air to the components.

b. Only the Original as supplied by Porsche Cayman GT4 Clubsport brake ducts are permitted.

14.4 Brake Bias Adjustment
a. (Type 981) If the car is equipped with the dual master cylinder braking system, it is recommended that the balance bar be adjusted to a neutral position per the Cayman GT4 Clubsport Technical Handbook and that the brake bias adjuster knob be disconnected or removed.

14.5 Brake Pads

a. (Type 981) Only OE Brake Pads are permitted.

   i. Front Axle Brake Pad part numbers.
      Sprint: 991.351.942.8A
      Endurance: 991.351.942.8B
   
   ii. Rear Axle Brake Pad part numbers
      Sprint: 991.342.942.8A
      Endurance: 991.342.942.8A

b. (Type 982) Only OE Brake Pads are permitted.

   i. Front Axle Brake Pad part numbers.
      Sprint: 991.351.942.8A
      Endurance: 991.351.942.8B
   
   ii. Rear Axle Brake Pad part numbers
      Sprint: 9F2.615.117
      Endurance: 9F2.615.117A

14.6 Brake Discs

a. (Type 981) Only OE Brake Discs are permitted.

   i. Front Axle Brake Disc part numbers.
      981.351.(105/106).8A
   
   ii. Rear Axle Brake Disc part numbers.
      981.351.(107/108).8A

b. (Type 982) Only OE Brake Discs are permitted.

   i. Front Axle Brake Disc part numbers.
      9F2.615.(282/283)
   
   ii. Rear Axle Brake Disc part numbers.
      9F2.615.(583/584)
14.7 Brake Fluid
a. PFC RH665 Racing Brake Fluid is the only permitted brake fluid. (Part Number: 991.355.960.8A)

Article 15. Suspension System

15.1 Ride Height
a. Any form of driver-controlled ride height adjustment is not permitted.
b. Ride Height measurements will be taken from the locations shown in Appendix B Illustration 1 and 2.
c. Minimum ride height specification for all cars is:
   Front: 81mm  Rear: 94mm

15.2 Springs
15.2.1 (Type 981)
a. Only the OE front and rear KW Chassis Springs in their original, intended location may be used.
b. Main Spring
   i. Trophy Spec Front Axle 140N/mm (MTH343531)
      Trophy Spec Rear Axle 150N/mm (MTH333051)
   ii. MR Spec Front Axle 130N/mm (MTH343530)
      MR Spec Rear Axle 130N/mm (MTH333534)
c. Helper Spring
   i. Front and Rear Helper Spring for All (Type 981) GT4 Clubsport variants is 80/60/10 (9813435378A or MTH343538)
d. The installation of any alternate chassis springs is prohibited.
15.2.2 (Type 982)
a. Only the OE front and rear KW Chassis Springs in their original, intended location may be used.
b. Main Spring
   i. Front Axle 130N/mm (9F2.411.105.A)
      Rear Axle 150N/mm (9F2.511.121.A)

Article 16. Dampers

16.1 General
16.1.1 (Type 981) Only the OE front and rear KW shock absorbers (dampers) in their original conditions may be used.

a. Trophy Spec.
   i. Front Axle Part Number:
      Left- MTH343045
      Right- MTH343046
   ii. Rear Axle Part Number:
      Left and Right - MTH333051

b. MR
   i. Front Axle Part Number
      Left - MTH343055
      Right - MTH343056
   ii. Rear Axle Part Number
      Left - MTH333060
      Right - MTH333061

16.1.2 (Type 982) Only the OE front and rear KW shock absorbers (dampers) in their original conditions may be used.

a. 
   i. Front Axle Part Number:
      Left- 9F2.412.023.A
      Right- 9F2.412.024.A
   ii. Rear Axle Part Number:
      Left and Right - 9F2.512.020.A

16.2 Packers / Bump Stops

16.2.1 The Packer/Bump Stop arrangement is to remain as delivered.

i. (Type 981)
   a. Trophy Spec.
      i. Front Axle Damper: 30mm RD65
      ii. Rear Axle Damper: 20mm RD60, 15mm RB65, 7mm Packer
   b. MR
i. Front Axle Damper: 20mm Cellasto 400Kg/m3

ii. Rear Axle Damper: 10mm RD60, 5mm Cellasto 400Kg/m3, 22mm Packer

ii. (Type 982)
Front: 30mm Bump Stop (Foam - Density = 600kg /M^3)
Rear: 20mm Bump Stop (Foam - Density = 600kg /M^3)
   15mm Bump Stop (Rubber –shore A “65”)
   4mm Packer (Nylon)

**Article 17. Anti-Roll Bars**

17.1 General
a. May disconnected but no parts may be removed.
b. Only Anti-roll bars permitted are listed in Article 17.3. No modifications are permitted and Bars must be run in defined axle position for each class.

17.2 Adjustment
a. May be adjusted using only the OE range of adjustment holes/positions.

17.3 Specification
17.3.1 (Type 981)
 a. Trophy Spec.
   i. Front Axle: 981.343.701.8A
   ii. Rear Axle: 981.333.705.80

b. MR
   i. Front Axle: MTH343738
   ii. Rear Axle: 981.333.705.80

17.3.2 (Type 982)
a.
   i. Front Axle: 981.343.701.8A
   ii. Rear Axle: 9F2.511.303

**Article 18. Suspension Adjustment**

18.1 General
a. Suspension components and mounting locations must remain unmodified and in their originally installed, as delivered position.

b. May be adjust using only the OE range of adjustment.

18.2 Trailing Arm

a. Trailing Arm bearing points of front and rear lower control arms must be left in the OE position. See Appendix B Illustration 1 and 2.

18.3 Camber

a. The maximum permitted camber is
   i. Front – 3.5 degrees
   ii. Rear – 3.0 degrees

b. Further camber and/or tire pressure guidelines may be communicated by PMNA, Technical Director or Manufacturer Technical Bulletin.

Article 19. Wheels

19.1 General

19.1.1 The following wheels (Part Number, Size and Offset) are mandatory.


i. (Type 981)
   a. Front; 9”x18” w/ 41mm offset (981.362.131.8A or MTH362131)
   b. Rear; 10.35”X18” w/47.5mm offset (981.362.151.8A or MTH362141)
   c. Original (Type 981) APP or MR option BBS wheels are permitted for both Trophy and MR Specifications.

ii. (Type 982)
   a. Front; 9”x18” w/ 41mm offset (9F2.601.017.A or MTH601810)
   b. Rear; 10.35”X18” w/47.5mm offset (9F2.601.075.A or MTH601820)
   c. Original (Type 982) As delivered APP or optional BBS wheel are permitted. If BBS wheel is used, It is compulsory that Wheel Nut Set Part Number MTH601805 is used. Wheel Nut Sets cannot be mixed between wheels.

19.2. Wheel Identification

a. Wheels must have the car number marked on the wheel center.

Article 20. Tires

20.1. General
20.1.1. The Trophy Series regulates the eligibility of tires in Competition to promote equality.

20.1.2. Traction compounds or any substance that might alter the physical properties of a tire as supplied by its manufacturer are prohibited.

20.1.3. Tire warmers and any other means of artificially warming the tires are prohibited.

a. Pressure control valves or tire pressure bleeders are forbidden.

20.2 Sensors

a. It is recommended that tire pressure sensors be installed in every wheel set.

20.3 Technical Inspection

20.3.1. Tire Type

a. Technical Inspection will only be done on dry-type tires.

20.3.2 Tire Pressure

a. For inspection measurements, The Series will use dry-type tires set to a pressure of 29.0psi /2.0bar

Article 21. Steering

21.1 Steering Wheel

a. The steering wheel must be the original fitted in the car.

b. (Type 981) Modifications to the steering wheel/hub to allow a quick disconnect system are not approved by Porsche.

21.2 Column

a. (Type 981) The MR hub extension is permitted on the Trophy Spec.

b. No modification to the adjustment of the column is permitted. Only the original adjuster and adjustment range is to be used.

Article 22. Cockpit

22.1. Equipment permitted in the cockpit

22.1.1. Components Added to the Cockpit

a. The only components which can be added in the cockpit are:

   i. Safety equipment and structures

   ii. Electronics and electrical equipment

   iii. Driver cooling system

   v. Ballast
vi. Driver ventilation equipment

b. None of the above items may hinder cockpit exit or the driver’s visibility.

c. The above components must be covered where necessary by a rigid protective material to minimize injury, and their mountings must be able to withstand a 25 g deceleration.

**Article 23. Seats and Belts**

**23.1 Seats**

23.1.1 OE Recaro Seat is required. (Type 981 is permitted to use optional OMP seat)

a. The seat can be adjusted by removing or adding the approved Porsche Supplied padding upholstery.

b. The original mounting (seat rail and bracket) must be retained. Changes require the consent of PMNA and the Technical Director.

c. Any seat insert material or foam to meet the driver’s morphology must meet FIA standards.

**23.2 Safety Belts**

23.2.3 OE Belts are strongly recommended

a. Alternate belts must meet current FIA or SFI certification and must bear the label of certification. Belts must be specified by the manufacturer as being compatible with the HANS device. A 6-Point Drivers restraint system (7-point recommended) lap belt and shoulder harness to latest FIA or SFI standard is required.

23.2.4 The Front Head Restraint system used must be compatible with the seat belt.

23.2.5 Competitors are responsible for ensuring that any seat, belt and mounting are compatible, properly installed, appropriate and safe for competition. The Trophy Series may reject, at its sole discretion, any system that either does not meet requirements or appears to be defective, or inappropriate in any way. No warranty of safety, expressed or implied, shall results from inspection or approval of any system from PMNA or The Trophy Series.

**Article 24. Driver Interface**

**24.1 Adjustments made by Driver**

a. Spring, Damper and Anti-Roll Bar adjustments from inside the cockpit are prohibited.

b. (Type 981) Cars equipped with Dual Master Cylinder brake systems may run with or without the in car adjuster function. It is recommended that the dual master cylinder brake bias be set to the default position as described in the Technical Handbook and the adjuster function be disabled.

**24.2 Driver cooling systems**

a. Entrants may install a maximum of two secondary driver cooling systems (ie: Helmet blower and Cool-Suit)

i. Evaporative-loss (Water-less/"Freon") cool suits are prohibited.
b. Installations must be approved by PMNA/Series
   i. The mounting location must be within the passenger seat mounting area or passenger foot well area.
   ii. The installation of the primary cooling system is unrestricted provided it serves no other purpose other than retaining the cooling system during the event of a collision
   iii. Any secondary system must be installed on top of the ballast box.
   iv. All driver cooling systems must be securely mounted. Velcro mounting is prohibited.

c. Entrants may install Driver Cooling Ducts
   i. A NACA Duct may be installed in the door window area.
   ii. Maximum of 1 per side with 2 ducts permitted per car.
   iii. Maximum cutout area of 26cm x 16cm
   iv. No Duct may break the outward plane of the window surface
   v. Ducts must be translucent.
   vi. Ducts and or hoses must not impede the drivers exit or visibility.
   vii. No blocking of the NACA duct or connected hose is permitted.
   viii. All installations are subject to approval by PMNA/Series.

d. (Type 981) OE Air Conditioning is allowed. The system can be removed as long as the condensers are retained. (Type 982) must retain all components of the Air Conditioning System.

Article 25. Electrical Equipment

25.1 Electronic Control

25.1.1 General

a. Any automatic or electronic control system not specified in these regulations are not permitted.

25.2 Master Switch

25.2.1 Identification

a. The master switch must be clearly identified by a symbol showing a red spark in a white-edged blue triangle.

25.3 Batteries

25.3.1 Mounting
a. Batteries must be securely mounted in the OEM location
b. Batteries may be replaced with a similar type, weight and size. (OEM is recommended)
c. (Type 981) Lithium Ion or other similar light weight batteries are prohibited.

Article 26. Lighting

26.1 Lighting Equipment

26.1.1 Cars must have at least two (2) operating brake lights.

26.1.2 Operation

a. Headlight: The 2 main headlights shall be switched on continuously when the car is running on the track or in the pit lane.

b. During a Competition, the Race Director may accept one (1) functioning headlight and/or one (1) functioning brake light due to damage or equipment failure or as otherwise specified.

26.2 Rain Light

26.2.1 Specification

a. The rain light as installed by Porsche in the stock location is required to be in working order at all times during competition.

27. DATA ACQUISITION AND TELEMETRY

27.1 Data Transmission

27.1.1 General

a. Telemetry systems which communicate/transmit data from the car to the pit are not permitted.

27.1.2 Data inspection

a. PMNA/Technical Director may request data and or video at any time.

b. Such requests are compulsory and failure to provide requested data and or video may result in penalties or exclusion from the event.

27.2 Data Recording

27.2.1 Must utilize OE dash as supplied with vehicle.

27.2.2 Required Equipment

a. (Type 981) The CAN Gateway Interface from PMNA is required to be installed in the vehicle. Data loggers must pull data exclusively from the CAN Gateway Interface (Part Number. PMNMTH610700)
b. Type (981) Use of the MoTec C-125 / C-127 Data logger or Cosworth ICD Manthey Retrofit are required. Type (982) Only the OE Cosworth ICD/Data logger is allowed.

c. Only the channels described in Appendix: XX are permitted. No additional sensors are to be added, including but not limited to shock potentiometers, ride height sensors, temperature or pressure sensors.

d. A video camera is required. The primary camera must be mounted to the roof or inside the cockpit showing a clear view of the track ahead. It must be positioned in a way to record objects at a distance of 60 feet.

e. A SD card with the capacity to record an entire session is required.

27.2.3 All recorded data relating to free practice, qualifying or race must be made available to PMNA/Technical Director.

27.3 Timing Transponder

27.3.1 Car is to be fitted with and approved hard-wired timing transponder mounted in the right front wheel well. It must power up when the master switch is on.

27.4 Radios

27.4.1 Car-to-Team radios are required in all phases of competition.
CAYMAN GT4 CLUBSPORT APPENDICES

The following Appendices to the Technical Regulations provide PMNA specific information and technical specifications. The Appendices are considered an integral part of the Cayman GT4 Trophy Technical Regulations for the relevant Series and/or class of Car. Where the Appendices are in conflict with the Technical Regulations, the language of the Appendices shall control.

APPENDIX A. SAFETY STRUCTURES AND EQUIPMENT

A.1 Safety Cage
A.1.1 General
a. The safety cage must not be welded on and will be deemed non-compliant if any repairs or welding has been performed.
b. (Type 982) It is highly recommended that the Energy Absorbing Foam Module from the SRO kit be installed into the Driver’s door. Part Number MTH531750

A.2 Driver Safety Equipment
A.2.1 General
a. It is the responsibility of the Driver and Team to ensure that all of the Driver Safety Equipment and all associated components are correctly labeled, installed, maintained and properly used.

A.2.2 Expiration and Replacement
a. All safety equipment shall not be run past its expiration.
b. Any equipment damaged as a result of an accident must be replaced.

A.3 Elastic Cords
a. Elastic cords fixed to the safety harnesses are prohibited.

A.4 Window Nets
A.4.1 General
a. A Driver’s side window net meeting FIA Specifications or SFI Specifications is required. A center net is also required meeting the same standards. The nets must be installed per the manufacturer’s installation requirements and not be mounted to the bodywork.

A.5 Padding
A.5.1 General
a. Where the Driver’s body could come in contact with the safety cage, flame retardant padding must be provided for protection (FIA Appendix J 253)

A.5.2 Specification
a. Padding used to protect the driver must comply with FIA standard 8857-2001, SFI 45.1 or SFI 45.2
A.5.3 Installation

a. Padding must be securely affixed to prevent rolling or displacement.

b. It is also permitted to add shielding to protect the Driver from equipment in close proximity to any portion of his/her body, but it must not hinder cockpit exit.

A.6 FIRE SUPPRESSION SYSTEM

A.6.1 General

a. The Fire Extinguisher System must be the FEV system as installed by Porsche Motorsport in its original location and orientation.

b. The team is responsible for maintaining the Fire Suppression System, this includes maintaining compliance with the expiration label and the battery power supply of the triggering system.

c. Handheld Fire Extinguishers are not permitted.

A.7 TOWING EYES

A.7.1 Requirements

a. Front and rear towing eyes as delivered from Porsche Motorsport are compulsory.
APPENDIX B.  RIDE HEIGHTS

ILLUSTRATION 1: Front Ride Height Measurement Locations (Ground Clearance)
ILLUSTRATION 2: Rear Ride Height Measurement Locations (Ground Clearance)
APPENDIX C. Compliance

ILLUSTRATION 1. Trailing Arm: axle bearing points of the wishbones must be left in the OE position.

ILLUSTRATION 2. Suspension Assemblies: Must be left in OE configuration.

Rear wing 22 mm gurney lip (Part No. PMNPTH512850)

Diffusor blocker (Part No. PMNPTH504701/2)
APPENDIX D. Permitted Options

D.1 Engine Compartment Air Intake Protection Screens.
The addition of protective screens to the side Engine Compartment air inlets is allowed provided they perform no other function but protecting the intakes from debris. The screens can be of non-factory origin but must have a minimum grid opening of 8mm or greater. Blocking of the screens is prohibited.

*Grid right. (T. Nr. MTH541562), left. (T. Nr. MTH541561)*
D.2 Underbody Protection Pads
The optional Underbody Protection Pads are allowed. (Part Number: MTH804755)

D.3 Auxiliary Lights
The OE Auxiliary Lights are permitted but not recommended. (Part Number: MTH631200)

D.4 Drivers Side Sliding Window (MR)
The OE Drivers Side Sliding Window is Allowed on the Cayman GT4 MR
(Part Number#: MTH837411)
D.5 Other Allowed Options
- (Type 981) OE optional Air Conditioning
- OE optional Air Jacks
- Drink Bottle System
- OE (Type 981) Dual Master Cylinders with bias adjuster.
- OE (Type 98170L or 100L Fuel Cells
- OE (Type 981) OMP seat
- OE APP or BBS wheels are allowed in complete sets. Mixing of wheels is prohibited.
- OE (Type 981) Exhaust Manifold without Catalyst.
- OE (Type 981) MR Hub Extension on Trophy Spec.
- OE (Type 982) Optional Exhaust Muffler 9F2.951.053.A

D.6 Allowed Modifications
- NACA Duct for Driver Cooling (See Article 23.2.2)
- (Type 981) Ignition Coil Heat Shields, Road car production heat shields modified for use on the Cayman GT4 Clubsport are allowed.
APPENDIX E.  DIMENSIONS AND DEFINITIONS

TBD.