



2022 TECHNICAL REGULATIONS

❖ 911 GT3 R 997 (997.2/997.1)

Yokohama Drivers Cup USA

Sanctioned by

COMPETENT
MOTORSPORT

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Diamond Class 911 GT3 R 997 (997.2/997.1)

Class: Diamond **Description:** 997.2 (2010-2015), 997.1 EVO (2010-2012)

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.

| ITEM | DESCRIPTIPON |
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| Series Number (Typical) | <ul style="list-style-type: none"> WP0ZZZ99ZBS79 XXX / WP0ZZZ99ZCS79XXX/ WP0ZZZ99ZDS79XXX/ WP0ZZZ99ZES79XXX (X= Variable Digit) |
| Engine Specification | <ul style="list-style-type: none"> Typical series number/ 61A30XXX/ 61B30XXX/ 61C30XXX/ 61D30XXX/ 61E30XXX (X= Variable Digit) 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/ 102.7 +0/ 0.1mm, Stroke/ 80.4 +0/ 0.1mm Maximum compression ratio/ 14.9:1 Cylinder capacity/ 3998.5 cm3 |
| Intake System | <ul style="list-style-type: none"> Material of manifolds/ Carbon fibre, Aluminum, Rubber Manifolds are to be sealed with no leakage Restrictor/ 1x 82mm (2010-2012)/ 1x 72mm (EVO 2010-2015) |
| Gearbox Specification (2010 – 2012) | <ul style="list-style-type: none"> Gearbox to be sealed by PMNA/ Porsche AG Mechanical Sequential/ Manual/ Cable Typical series number/ G9173 Ratios: 1st 13x 41 2nd 17x 39 3rd 20x 37 4th 23x 35 5th 22x 28 6th 31x 34 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 |
| Gearbox Specification (EVO 2013) | <ul style="list-style-type: none"> Gearbox to be sealed by PMNA/ Porsche AG Sequential/ Paddle Shift/ Electro- Pneumatic Typical series number/ G97-72 |

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| | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • OEM Brembo/ Mandated |
| Brake Calipers Front | <ul style="list-style-type: none"> • <u>Brake Calipers/ Front (2010-2012)</u> <ul style="list-style-type: none"> • Brembo/ Aluminum Alloy/ 6-piston • Part# 997.351.431.93 (LHS) • Part# 997.351.432.93 (RHS) • <u>Brake Calipers/ Front (EVO 2013)</u> <ul style="list-style-type: none"> • Brembo/ Aluminum Alloy/ 6-piston • Part# 997.351.431.9C (LHS) • Part# 997.351.432.9C (RHS) |
| Brake Calipers Rear | <ul style="list-style-type: none"> • <u>Brake Calipers/ Rear (2010-2012)</u> <ul style="list-style-type: none"> • Brembo/ Aluminum Alloy/ 4-piston • Part# 997.352.425.95 (LHS) • Part# 997.352.426.95 (RHS) • <u>Brake Calipers Rear (EVO 2013)</u> <ul style="list-style-type: none"> • Brembo/ Aluminum Alloy/ 4-piston • Part# 997.352.425.9B (LHS) • Part# 997.352.426.4B (RHS) |
| Brake Discs Front | <ul style="list-style-type: none"> • <u>Brake Discs Front (2010-2012)</u> <ul style="list-style-type: none"> • 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) • <u>Brake Discs Front (EVO 2013)</u> <ul style="list-style-type: none"> • Brembo/ Steel/ 35mm Thickness (new) • Part# 997.351.107.9B (LHS) • Part# 997.351.108.9B (RHS) |
| Brake Discs Rear | <ul style="list-style-type: none"> • <u>Brake Discs Rear (2010-2012; EVO 2013)</u> <ul style="list-style-type: none"> • Brembo/ Steel/ 355mm Diameter/ 32mm Thickness (new) • Part# 997.352.135.9C (LHS) |

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| | <ul style="list-style-type: none"> • Part# 997.352.136.9C (RHS) |
| Brake Pads Front | <ul style="list-style-type: none"> • Part# • Sprint: 997.351.940.90 • Endurance: 996.351.940.9C |
| Brake Pads Rear | <ul style="list-style-type: none"> • Part# • Sprint: 997.352.930.93 • Endurance: 996.352.930.9A |
| Brake Fluid | <ul style="list-style-type: none"> • Part# 991.355.960.8A |
| ABS Number | <ul style="list-style-type: none"> • 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) | <ul style="list-style-type: none"> • 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. | <ul style="list-style-type: none"> • <u>Front (2010-2012)</u>: Rays/ Aluminum one piece/ 10.9"x 18"/ 35mm Offset <ul style="list-style-type: none"> • Part# 997.362.136.97 • <u>Rear (2010-2012 & EVO 2013)</u>: Rays/ Aluminum one piece/ 13"x 18"/ 12.5mm Offset <ul style="list-style-type: none"> • Part# 997.362.140.98 • <u>Front (2010-2012)</u>: BBS/ Aluminum one piece/ 10.92"x 18"/ 35mm Offset <ul style="list-style-type: none"> • Part# 997.362.140.9A • <u>Front (EVO 2013)</u>: Rays/ Aluminum one piece/ 12"x 18"/ 9mm Offset <ul style="list-style-type: none"> • Part# 997.362.136.9A • <u>Front (EVO 2013)</u>: BBS/ Aluminum one piece/ 12"x 18"/ 9mm Offset <ul style="list-style-type: none"> • Part# REI428 • <u>Rear (2010-2012 & EVO 2013)</u>: BBS/ Aluminum one piece/ 13"x 18"/ 12.5mm Offset <ul style="list-style-type: none"> • Part# 997.362.143.9A |
| Minimum Weight | <ul style="list-style-type: none"> • 2879 lbs. (Without Fuel/ WITH Driver) |
| Minimum Ride Heights and Measuring Location | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Front: ZF Sachs/ Hydraulic-Telescopic/ Gas tank <ul style="list-style-type: none"> • Part# 997.343.041.9F • Rear: ZF Sachs/ Hydraulic-Telescopic/ Gas tank <ul style="list-style-type: none"> • Part# 997.333.051/052.9H |
| Bumper Rubber | <ul style="list-style-type: none"> • Front: ZF Sachs/Rubber/ Free length 35mm <ul style="list-style-type: none"> • Part# 00 1748 000 288 • Rear: ZF Sachs/ Rubber/ Free length 16mm |

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| | <ul style="list-style-type: none"> Part# 00 1748 000 289 |
| Anti-Roll Bar Type | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> Front: Coil/ Steel/ Open/ Porsche OE Springs <u>Main Coil Spring (2010-2012 & EVO 2013)</u> <ul style="list-style-type: none"> 997.343.531.9B 997.343.531.9C 997.343.531.9D 997.343.531.9E (EVO 2013 only) <u>Helper Spring (2010-2012 & EVO 2013)</u> <ul style="list-style-type: none"> 999.533.003.03 Rear: Coil/ Steel/ Open/ Porsche OE Springs <u>Main Coil Spring (2010-2012 & EVO 2013)</u> <ul style="list-style-type: none"> 997.333.531.9C 997.333.531.9B 997.333.531.9A 997.333.531.9D (EVO 2013 only) <u>Helper Spring (2010-2012 & EVO 2013)</u> <ul style="list-style-type: none"> 999.533.205.03 |
| Wheelbase | <ul style="list-style-type: none"> 2370 +/-10mm (2010-2012)/ 2380 +/-10mm (EVO 2013) |
| Track: Minimum/ Maximum | <ul style="list-style-type: none"> Front: 1535mm/ 1595mm (2010-2012) / 1595mm/ 1655mm (EVO 2013) Rear: 1585mm/ 1645mm (2010-2012) / 1640mm/ 1700mm (EVO 2013) |
| Overall Length | <ul style="list-style-type: none"> 4465 +/-5mm (With Front Splitter 2010-2012)/ 4520mm (With Front Splitter EVO 2013) |
| Overall Width of Bodywork | <ul style="list-style-type: none"> Front: 1831mm +/- 1% (2010-2012)/ 1911mm (EVO 2013) Rear: 1955mm +/- 1% (2010-2102)/ 2005mm (EVO 2013) |
| Aero Package | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> Height from Roof line Reference Homologation papers/ FIA GT3-025 |
| Front Splitter | <ul style="list-style-type: none"> Minimum Height from Ground/ 42mm (2010-2012)/ 38mm (EVO 2013) Longitudinal Position/ 35+/-5mm (At the car centerline 2010-2012)/ 97mm (EVO 2013) |
| Side Deflectors (Dive Planes) | <ul style="list-style-type: none"> 1x per side of Front Bumper (2010-2012) 2x per side of Front Bumper (EVO 2013) |
| Rear Diffuser | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> Overhang/ Measured at Rear axle center line |

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| | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Note: Cambers subject to Tire manufacturer's recommendation • Front: -3.5 degrees (Pirelli recommended value) • Rear: -3.0 degrees (Pirelli recommended value) |
| Camber Spacers | <ul style="list-style-type: none"> • The maximum spacer washer thickness in the Front and Rear axle control arms. <ul style="list-style-type: none"> • Front axle: 18mm • Rear axle: 15mm |
| Suspension Type | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • MoTec / ADL 2 or ADL 3 |
| Exhaust System Type | <ul style="list-style-type: none"> • Reference Homologation Papers / FIA GT3-025 (2010-2012)/ FIA GT3-025 VO (EVO 2013) |
| Water Radiator | <ul style="list-style-type: none"> • Typical Series Numbers: <ul style="list-style-type: none"> • Part# 997.106.131.8B (LHS) • Part# 997.106.037.8E (Middle) • Part# 997.106.132.8B (RHS) |
| Fuel Tank | <ul style="list-style-type: none"> • Premier/ FIA Homologation #F221 <ul style="list-style-type: none"> • Part# 997.201.013.9A/ 100L (2010-2012) • Part# 997.201.013.9M/ 104L (EVO 2013) |
| Windscreen | <ul style="list-style-type: none"> • Safety Glass: 4.7mm Thick (2010-2012)/ 4.5mm Thick (EVO 2013) |
| Seats | <ul style="list-style-type: none"> • OE/ Recaro seat required • Seat may be adjusted by removing or adding upholstery • Only PMNA approved padding may be used. (Appendix # 7-2018) • The original mounting /seat rail and bracket/ must be retained |
| Window Net | <ul style="list-style-type: none"> • Recommend use of OE/ Safecraft system/ Referenced in 991.2 GT3 Cup regulations |
| Center Nets | <ul style="list-style-type: none"> • Recommend use of OE/ Safecraft system/ Referenced in 991.2 GT3 Cup regulations |
| Windows | <ul style="list-style-type: none"> • 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. |