



2021 TECHNICAL REGULATIONS

❖ GT Cup Emerald (997.2/997.1 & 996)

Yokohama Drivers Cup USA

Sanctioned by

COMPETENT
MOTORSPORT

Competent Motorsport, LLC
895 Dove Street Suite 300
Newport Beach, CA 92660
Office (949) 851-4731

Emerald Class GT Cup 997

Class: Emerald **Description:** 997.2 & 997.1 GT Cup

	997.2 GT Cup (2010-2012)	997.1 GT Cup (2006-2009)
Engines	Engine MUST be STOCK, including entire exhaust system. <u>ALL engines must be sealed by PMNA.</u> Contact PMNA to coordinate sealing engine.	
ECU	STOCK- Stock programming only permitted. ECU's are subject to random seizure and replacement by PMNA or Competent Motorsport staff.	
Transmission	STOCK Only 2010--2012 ratios permitted.	SAME (STOCK) Only 2006-2009 ratios permitted. 2008/2009 may use 5th and 6th gear ratios from 2007 transmission.
Differential	STOCK	
CV Joints and Axle	STOCK	
Clutch	STOCK	
Car Weight	Minimum weight of car, at all times during the event, with driver and driver's equipment on board, without fuel will be: <u>2,855 lbs.</u>	Minimum weight of car, at all times during the event, with driver and driver's equipment on board, without fuel will be: 2006 – 2007: <u>2,767 lbs.</u> 2008 – 2009: <u>2,811 lbs.</u>
Ride Height	<ul style="list-style-type: none"> • 77mm (min.) Front Axle • 115mm (min.) Rear Axle Measured "ready to race" including DRIVER. Ride height measured at any time during competition with Pirelli slick tires with tire pressure of 22 psi within 1.5 psi. Front measured at mounting bolt of the central arm/corner plate. Rear measured at the machined surface at the lateral part of the rear axle.	
Suspension	STOCK; maybe adjusted within existing tolerances. All original parts must be retained in original mounting positions.	STOCK
Shocks	Any SHOCK that fits in STOCK position. No modifications of the mounting points or mounts permitted.	
Anti-Roll Bars	STOCK only permitted. May be disconnected but no parts maybe removed. May be adjusted using given range of adjustment holes.	
Springs	STOCK only permitted.	
Fuel Cells	Fuel Cells meeting FIA-FT3 specification or higher are strongly recommended on all cars.	
Fire Extinguisher	Required May be Porsche stock or approved equivalent.	

	997.2 GT Cup (2010-2012)	997.1 GT Cup (2006-2009)
Fuel	All cars must use the recommended unleaded fuels by the manufacturer.	
Windows	Front and rear windows must remain STOCK. Driver's door window may be removed and replaced with a window net meeting FIA Specifications. Stock rear windows may be modified with air scoops or holes; but must be retained.	
Brakes and Pads	STOCK Porsche brake systems, calipers rotors (non -floating brake rotor of equivalent thickness and diameter and iron-based friction surfaces are allowed).	STOCK as per delivered 2006-2009 Porsche 997 GT Cup Brake System
Wing	STOCK wing and wing mounts to be used. Neither may be altered in any way from their stock configuration nor position. The position of the wing element may be changed within the stock adjustment range.	
Front Splitter	STOCK	
Seats and Belts	STOCK, or only permitted FIA or SFI seats and mountings are permitted and bear certification. The Original mounting holes must be used in all cases. Belts: Alternate belts must be 6-point and meeting current FIA or SFI certification and mounting must bear the label of certification. Belts must be specified to be compatible with mandatory HANS device.	
Dash and Data Collection	Alternate dash and data collection permitted; however, sensors are limited to those listed in Porsche GT Cup Service Manual. All other sensors are prohibited, including GPS sensors and shock pots. Wireless (radio or IR) transmission of data to or from the car is prohibited.	
Tires	<p style="text-align: center;"><u>Yokohama ADVAN Slicks</u></p> <p>Camber and Tire Settings Requirements set by Yokohama Tire. Competitors are not to exceed maximum recommended settings It is responsibility of competitors to check accepted camber settings for each track series participates at. Tire pressure is up to competitor; however, competitors are advised to run within Yokohama Tire recommendations. All heat and chemical treatments on tires are prohibited.</p> <p style="text-align: center;">RECOMMENDATION SHEET FROM YOKOHAMA TIRE</p>	
Wheels	<u>STOCK three-piece BBS center lock only; except for 2012 Cup cars allowed to run both APP and BBS</u> forged aluminum centers with center lock wheels of same wheel size width and offset that are designed and intended for "racing use only". AS DELIVERED	STOCK three-piece BBS center lock only. BBS forge aluminum centers with center lock wheels of same wheel size width and offset that are designed and intended for "racing use only". AS DELIVERED

	997.2 GT Cup (2010-2012)	997.1 GT Cup (2006-2009)
Miscellaneous	<p><u>Towing eyes</u> – clearly marked (front and rear).</p> <p><u>Steering Wheel</u> – STOCK or changed as long as it is continuous and round.</p> <p><u>In-Car Camera</u> – Required; the camera mount must be metallic and attach directly to roll cage.</p> <p><u>Pit to Car Radios</u> – Required</p> <p><u>Battery</u> – must remain in stock position or may be relocated to the passenger foot well in a sealed container.</p> <p><u>Wheelbase</u> – must remain STOCK; and may be laser measured from rear hub to the center of front hub.</p> <p><u>Transponder</u> – must be mounted in the approved location inside right fender well.</p>	

Emerald Class GT Cup 996

Class: Emerald **Description:** 996 GT Cup

	996 GT Cup (2000 – 2005)
Engine	Engine MUST be STOCK, including entire exhaust system. ALL engines must be sealed by PMNA. Contact PMNA to coordinate sealing engine. 2000-2002 PMNA available engine replacement to 2005. 2003-PMNA available engine upgrade. 2004-2005 must run STOCK.
ECU	STOCK- Stock programming only permitted. ECU's are subject to random seizure and replacement by PMNA or Competent Motorsport staff.
Transmission	STOCK
Differential	STOCK
CV Joints and Axle	STOCK
Clutch	STOCK or GT3 RS or metallic GT3 RSR (Clutch only)
Car Weight	Minimum weight of car, at all times during the event, with driver and driver's equipment on board, without fuel will be: <u>2,734 lbs.</u>
Ride Height	<ul style="list-style-type: none"> • 85mm (min.) Front Axle • 105mm (min.) Rear Axle Measured "ready to race" including DRIVER. Ride height measured at any time during competition with Pirelli slick tires with tire pressure of 22 psi within 1.5 psi. Front measured at mounting bolt of the central arm/corner plate. Rear measured at the machined surface at the lateral part of the rear axle.
Suspension	STOCK
Shocks	Any TWO WAY ADJUSTABLE ONLY STOCK.
Anti-Roll Bars	STOCK only permitted. May be disconnected but no parts maybe removed. May be adjusted using given range of adjustment holes.
Springs	STOCK only permitted.
Fuel Cells	Fuel Cells meeting FIA-FT3 specification or higher are strongly recommended on all cars.
Fire Extinguisher	Required – May be Porsche stock or approved equivalent.
Fuel	All cars must use the recommended unleaded fuels by the manufacturer.
Windows	Front and rear windows must remain STOCK. Driver's door window may be removed and replaced with a window net meeting FIA Specifications. Stock rear windows may be modified with air scoops or holes; but must be retained.
Brakes and Pads	STOCK as per delivered 2000-2005 Porsche 996 GT Cup Brake System.
Wing	STOCK wing and wing mounts to be used. Neither may be altered in any way from their stock configuration nor position. The position of the wing element may be changed within the stock adjustment range.
Front Splitter	STOCK

Seats and Belts	STOCK, or only permitted FIA or SFI seats and mountings are permitted and bear certification. The Original mounting holes must be used in all cases. Belts: Alternate belts must be 6-point and meeting current FIA or SFI certification and mounting must bear the label of certification. Belts must be specified to be compatible with mandatory HANS device.
Dash and Data Collection	Alternate dash and data collection permitted; however, sensors are limited to those listed in Porsche GT Cup Service Manual. All other sensors are prohibited, including GPS sensors and shock pots. Wireless (radio or IR) transmission of data to or from the car is prohibited.
Tires	<u>Yokohama ADVAN Slicks</u> Camber and Tire Settings Requirements set by Yokohama Tire. Competitors are not to exceed maximum recommended settings. It is responsibility of competitors to check accepted camber settings for each track series participates at. Tire pressure is up to competitor; however, competitors are advised to run within Yokohama Tire recommendations. All heat and chemical treatments on tires are prohibited.
Wheels	STOCK three-piece BBS center lock only. BBS forge aluminum centers with center lock wheels of same wheel size width and offset that are designed and intended for "racing use only". AS DELIVERED
Miscellaneous	<u>Towing eyes</u> – clearly marked (front and rear). <u>Steering Wheel</u> – STOCK or changed as long as it is continuous and round. <u>In-Car Camera</u> – Required; the camera mount must be metallic and attach directly to roll cage. <u>Pit to Car Radios</u> – Required <u>Battery</u> – must remain in stock position or may be relocated to the passenger foot well in a sealed container. <u>Wheelbase</u> – must remain STOCK; and may be laser measured from rear hub to the center of front hub. <u>Transponder</u> – must be mounted in the approved location inside right fender well.