



# 2022 PCA Driver Education Tech Inspection Form



This form must be completed for EVERY Vehicle registered.

**Section A must be completed between August 2 – 31, 2022**

**Section B** will be completed at the **SPORTSCAR TOGETHER FEST** event.

## General Information – to be completed by owner/ driver prior to inspection

Driver Name: \_\_\_\_\_  
 Marque: Porsche \_\_\_\_\_  
 Model: \_\_\_\_\_  
 Year: \_\_\_\_\_

Car#: \_\_\_\_\_  
 Color: \_\_\_\_\_  
 Modified: \_\_\_\_\_  
 PCA Home: \_\_\_\_\_  
 Region: \_\_\_\_\_  
 PCA Home Region: \_\_\_\_\_  
 Run Group: \_\_\_\_\_

Event Date/Track: September 2, 3, 4, 2022 / Indianapolis MS

## SECTION A (completed in shop) Authorized Shop Inspector – Complete Section A Only

This vehicle inspected by: (check only one)

- ☐ PCA authorized tech inspector  
☐ PCA tech inspector approved by other region safety chair  
☐ Porsche or other dealership  
☐ Specialty repair shop or independent Porsche mechanic

**Shop/Dealer or Region Stamp or Staple a Business card**

Shop Name: \_\_\_\_\_

Address: \_\_\_\_\_

**NOTE: NO vehicles may be inspected by a driver of the car**

Inspector Signature: \_\_\_\_\_

Inspector Name (print): \_\_\_\_\_

Inspection Date: \_\_\_\_\_

### Pre-Event Inspection

MUST be performed **PRIOR** to the event. These inspections **WILL NOT** be performed at the track and must be performed by a PCAP-authorized inspector no more than 30 days prior to each event. Please familiarize yourself with the PCA DE Minimum Standards found here: <https://www.pca.org/drivers-education/Drivers-Education-Minimum-Standard>

P F **Windshield & Wipers:** No cracks in front windshield in driver's direct line of sight, or intersecting two edges in either windshield or rear window. If present wipers must be operational and blades in good condition.

P F **Brake Lights:** Functioning Properly.

P F **Mirrors:** At least one securely mounted rear view mirror.

P F **Pedals:** Free return and in good operating condition. Firm brake pedal.

P F **Seats & Headrests:** Porsche or aftermarket seats that contain the necessary holes may be used with approved 5, 6 or 7 point harnesses that have been properly installed, or with the factory 3-point type seat belts. All seats must include some type of headrest, either integral with the seat or separate, and it must extend above the midpoint of the back of the helmet on the vertical plane of the seatback.

P F **Safety Restraints:** Safety restraints and factory seat belts must be in good working condition with no visible fraying, fading, or other degradation regardless of age. **Only vehicles with an approved seat may use 5, 6 or 7 point harnesses.** Factory or better installation in both seats; must be securely mounted; equal restraints for passenger and driver. 4 point harnesses prohibited except Schroth Quick Fit. 5-, 6- and 7-point harnesses must use seat with factory routing holes. Harness Belts must be replaced no later than five years after the date of manufacture. 5 or 6 point harnesses and approved seats are required for cars that exceed the modifications permitted for "Stock", "Prepared", or "Spec" classes per PCA Club Race rules. Club Race rules may be found at: <http://www.pca.org/Activities/ClubRacing.aspx> See Page 2, Section B (at the track) of this form for minimum helmet requirements. **A head and neck restraint system is required when using a harness.**

P F **Roll Bars/ Cages:** Mandatory for all open & semi-open cars without manufacturer's structural or deploying roll over protection; Soft-tops must be in the up position or hard top installed. All other open cars must have a roll bar installed which meets the "broomstick" rule (helmeted head is 2" below a bar placed between roll bar top and windshield). Targa tops must be installed unless there is additional roll over protection. Sunroofs must be closed. The windshield alone is not considered to be factory rollover protection. Cars that exceed the modifications permitted for the "Stock," "Prepared," and "Spec" classes per PCA Club Race rules (i.e., classified as "Super Classes") must have roll bars or cages. Roll bars must meet PCA Club Race roll cage specs for materials, design, installation, and height. Cages must meet PCA Club Race requirements.

P F **Battery:** Check for general condition of cables, corrosion or signs of leakage. Battery should remain securely fastened when wiggled vigorously.

P F **Engine Compartment / Fluids (general):** ANY LEAKAGE OF FUEL OR BRAKE FLUID IS UNACCEPTABLE. No excessive engine oil, coolant, or power steering fluid leaks. Hoses/ wires must be in good cond. w/ no cracks/ abrasions, and secured away from all moving parts.

P F **Engine & Transmission Mounts:** No cracks/distortion in metal or if newer style mounts no obvious fluid leaks. 911/ 912 check condition of rubber bushing in rear mount and for cracks in engine and transmission support bars.

P F **Date of last brake fluid flush: Fluid type: Brake Fluid:** Level must be visible in reservoir. Sufficient brake fluid; premium fluid recommended. Brake fluid must be changed at least annually.

P F **Engine Accessory Belts:** Properly tensioned and in good condition.

P F **Body, Windows and Glass:** All body panels, spoilers, air dams etc. must be securely attached to the chassis. No cracked head, tail, running or fog lights. no loose body or interior parts; no structural rust at or near suspension points.

**Vehicle MUST be raised to complete the remaining inspections:**

- P F **Oil Lines:** All pressurized oil lines (scavenge or supply) must have threaded connections. **NO push-on connections are allowed!**
- P F **Wheel Bearings (front & rear):** Check for play -- proper free rotation; no looseness in hub.
- P F **Tires:** General good condition; no cracks, cuts, cords or blisters; the tires used at the track should be teched.
- P F **Wheels:** No cracks, bends or flaws; valve stems must have airtight caps. All lug nuts engaged; pay special attention to after-market wheels. For cars with Wheel Center locks, make sure locking devices are fully engaged.
- P F **Brake System:** No cuts or abrasions in brake lines. **NO LEAKS ARE PERMITTED.** Sufficient brake pads (3/16"/4.88mm minimum); rotors and pads are in good condition; no cuts or abrasions in brake lines. There should be no visible cracks extending to the edge of the rotor.. Brake pads no less than thickness of the backing plate at the start of each day. Brake pads and rotors will be inspected each morning of the event.
- P F **Front Suspension:** No excessive play; ball joints and tie rods secure; boots and all seals in good condition.
- P F **Rear Suspension & Axles:** Check half-shaft bolts, half shaft boots in good condition; mounting hardware in good condition; no leakage.
- P F **Exhaust:** Securely fastened and in good condition.
- P F **Rust:** No excessive chassis rust or damage to suspension/ chassis mounts or parts. All body panels should be attached firmly to chassis with no "flapping."
- P F **Additional Comments:** Note any other unsafe condition.

**Section B** (at the track) **Grid Tech (performed at the track event):** In addition to items below, grid tech inspectors **WILL** check that any deficiencies in Section A above have been corrected and may at their discretion re-inspect any items above. Drivers **CANNOT** inspect their own cars.

**Car has PASSED all Section A & B checks** **Grid Ins. Name (print):** \_\_\_\_\_ **Sign:** \_\_\_\_\_

- P F **Car Numbers:** Both sides, front and back of car (can be on windows not normally down while on track). Numbers must be clearly visible and at least 6" high.
- P F **Engine Compartment:** Check for unusual sounds, smoking, odors, or leaking fluids. Check tightness of all fluid caps, and that battery is secure.
- P F **Throttle Return:** With engine running, check for free operation and positive return to normal idle. Check return spring operation as appropriate.
- P F **Floor Mats & Other Loose Objects:** Car phones, radar detectors, EZ-Pass etc. **AND** their non-permanent mounting brackets must be removed and stored. Remove all loose gear, tools, equipment, paper and supplies. Driver's-side removable floor mat must be removed.
- P F **Gas Cap and Battery:** In place and secure, gasket intact.
- P F **Wheels/ Tires:** Check tires for wear limits, 3/32" tread depth; NO cord showing, no off-track bead damage, and no cracks or plugs in side wall. Remind driver to check tire pressures and lug nut torque (97 ft/lbs or factory specs). Lug nuts engage studs by at least the diameter of the stud. Hub/ center caps removed. Valve caps in place. Recommend that wheel weights be taped down. Tire pairs (i.e., both fronts, both rears) should be same size and type. No discernable cord showing on DOT approved competition tires. **Center lock wheels must be properly torqued and the center caps must be removed to allow inspectors to check the locks.**
- P F **Brakes:** Check brake lights are working. Inspect wear limit of brake pads. Check for excessive rotor cracking.
- P F **Sunroof & windows:** Sunroofs must remain completely closed. Remind the driver that windows must be fully down for each occupant.
- P F **Helmet & Driver Protective Equipment:** **Helmet must be at least SA 2015. A head-and-neck restraint system must be worn when using a harness. M-rated helmets are NOT allowed for this event.** Full coverage rubber-soled shoes, **long sleeved and legged clothing** and socks required. Natural fiber clothing highly recommended. Drivers' suits, gloves and shoes made of fire-resistant materials recommended but not required.
- P F **Arm Restraints and Face Shields:** Targa-bodied cars, 914s, and cabriolets must run with top in place unless occupants have arm restraints and full face helmets with shield in place. Note: the B-pillar is considered to be a roll bar in any vehicle without a full top and must meet the roll bar height requirement (2" minimum above top of occupants' helmets).
- P F **Camera and Phone Mounts:** Suction cup mounts for cameras and smartphones to interior of windshield or rear window will be allowed on a case-by-case basis -- **mountings are subject to review/ approval at Grid Tech and Pit Out.** It is recommended that all such mountings include a tether to some part of the chassis or dash. **Suction cup mounting of anything to any external body panel is prohibited.**

**THE UNDERSIGNED INDIVIDUAL(S) HEREBY CERTIFY THAT:**

1. This OFFICIAL TECHNICAL INSPECTION FORM (THE "FORM") submitted to the Potomac Region of the Porsche Club of America in connection with the above noted High Performance Drivers' Education Event, was for pre-event and grid tech inspections performed on the dates shown in Sections A and B by a Porsche mechanic or other person authorized by the Region to conduct such an inspection.
  2. The completed Form correctly and accurately shows the condition of the Car identified above at the time of the inspection.
  3. There have been no changes in the condition of the Car since the inspection that would affect the track-worthiness of the Car. The undersigned hereby agrees to defend, indemnify and hold harmless PCA, its zones and regions, as well as the inspector, from any and all claims or demands arising directly or indirectly from any incorrect and/or inaccurate statements set forth in this form.
- I understand that the technical inspection performed on my Car and my helmet is solely for the purpose of meeting minimum standards of car preparation for the Zone's or Region's High Performance Driving Event. No warranties or guarantees are implied or expressed by the passing of the inspection performed. I acknowledge that the safe condition and operation of my Car is entirely my responsibility. I take full and sole responsibility for any vehicle problems, malfunctions, or damage that may occur in connection with the operation or performance of my Car prior to, during, or subsequent to the Event.

**Driver's Signature: Driver 1:** \_\_\_\_\_ **License Expiration Date:** \_\_\_\_\_

**Driver's Signature: Driver 2:** \_\_\_\_\_ **License Expiration Date:** \_\_\_\_\_

**Emergency Contact Name: Driver1** \_\_\_\_\_ **Tel. Number:** \_\_\_\_\_

**Emergency Contact Name: Driver2** \_\_\_\_\_ **Tel. Number:** \_\_\_\_\_

**SUPPLEMENTAL INFORMATION for 2022 PCA**  
**DRIVER ED TECH INSPECTION FORM**  
**FOR SPORTSCAR TOGETHER FEST**

**Cars with Harness Setups:** Use of a head and neck restraint system (HANS, etc.) is mandatory with harnesses.

**Car Numbers:** Car numbers will be provided as part of your Sportscar Together Festival Registration. You may request a number during registration, but you may be assigned a different number for the event.

**Helmets:** Have your helmet in the car when you arrive at Grid Tech. Please note that “M” rated helmets are not permissible for this event and that Snell SA2015 or later helmets are required.

**Centerlock Wheels (Shop Inspection and Grid Tech):** Remove the centerlock wheel caps prior to the tech inspections so the inspectors can verify the locking pins are engaged (see this Rennlist thread for illustration information: <http://rennlist.com/forums/gt2-and-gt3/602510-center-lock-lessons-learned.html>). The inspectors cannot check the centerlock torque, so make sure you or your shop have torqued to spec following the factory-recommended torqueing procedure.

**Cooling System Connections on ‘GT1 Block’ Engines:** The cooling systems of the ‘Mezger’ dry sump engines include epoxied fittings that appear especially prone to failure. This can occur with little to no warning, and cars that are primarily street-driven are just as susceptible as those that are driven mainly on the track. It is highly recommended that these fittings be pinned or welded. Most of the local independent shops are familiar with at least one of these two procedures. If the fittings are not pinned or welded it is strongly recommend the coolant be replaced with water + Water Wetter for the portion of the DE season when the car will not be subjected to below-freezing temperatures. The affected cars are: all variants of 996 Turbo and GT2/3; all variants of 997 Turbo and GT2/3, except the 997.2 Turbo; and some 991 GT3 Cups and RSRs.

**Cars with Automatic Braking and Lane Drift Correction Systems:** Cars with either of these systems will only be allowed to participate in this DE event if the systems can be turned fully off while the car is on-track. Proof of the ability to fully shut off these systems must be provided (i.e., information in Owner’s Manual, etc.).