

PCA Chicago Region 2010 Tech Inspection Sheet

NAME: _____ DRIVER CLASS: _____ RUN GROUP: _____

MODEL/YEAR: _____ CAR COLOR: _____ ENG. DISP.: _____ CAR #: _____

Driver Classes: Green (prior C) is least experienced, progressing to Yellow, White & Black the most experienced.

Pass Fail **!!! TO BE INSPECTED BY ENTRANT PRIOR TO EVENT !!!**

Inside

Harness Requirements!

- 1. **HELMET - SNELL SA 2000 or later required for all Track Events** including Autobahn, Blackhawk, GingerMan and Road America. Full face required for all open cars. **(Snell SA sticker must be attached inside)**
- 1a. **HELMET - SNELL SA or M 2000 or later required for all Autocross events**
Full face required for all open cars. **(Snell SA or M sticker must be attached inside).**
- 2. **APPAREL** - Full-length pants, long sleeved cotton shirts, cotton socks and full coverage shoes are mandatory. Highly recommended are drivers' suits, driving gloves and shoes all made of Nomex or similar fire-resistant materials. Arm restraints required for All Open Cars.
- 3. **SEAT BELTS - Novice, Green, Yellow & Autocross**, may run with stock seats and belts.
White Group requires a 5 or 6-point harness with proper race seat, rollover protection highly recommended.
Black Group requires a 5 or 6-point harness with proper race seat **AND** rollover protection (see item 5).
All securely anchored, Metal-to-metal, with large diameter washers on both sides of floor mounting holes.
Harness and Seats must be equipped the "same" for Driver and Passenger side (Instructor).
- 4. **FIRE EXTINGUISHER** - Recommended but not required. Securely anchored metal-to-metal in reach of driver. BC or ABC rated and fully charged. AFFF or Halon recommended.
- 5. **ROLL PROTECTION (DE)** - Roll Bar, Cage or Extender using "broomstick rule" Required for Black Class. The same Roll Protection is **highly recommended** for other Classes. Arm restraints required for all open cars.
All Cabs in all classes (except Boxsters & 996 and later Porsche) must have Roll bar or better.
- 6. **PEDALS** - Free return and in good operating condition. Firm brake pedal.
- 7. **LOOSE OBJECTS** - Remove all loose items from trunk and interior, including glove compartment, door pockets, console, mats, etc. Spare secured properly (spare adds to the structure of certain Porsches).
- 8. **AIR BAG EQUIPPED CARS** - No Obstructions in front of Air Bag (s).
- 9. **WINDSHIELD** - No major cracks and functional wipers with good blades.
- 10. **MIRRORS** - At least one side (two highly recommended) and one securely mounted rear view mirror.
- 11. **GAS CAP** - Gasket intact and cap tightened.

Outside

- 12. **RUST** - No rust or damage to suspension or chassis parts that affect the integrity of the chassis or brakes.
- 13. **FRONT SUSPENSION** - No excessive looseness in steering or suspension. Lower trailing arm to radius tight; Axle and shock bolt tight. Ball joints in good condition. Tie rods secure. Axle boots and oil seals in good condition.
Warning: 944/968 MUST Check Ball Joint & Control Arms for cracks and binding caused by excessive lowering, larger sway bars and track usage.
- 14. **REAR SUSPENSION** - No excessive looseness. Check half shaft bolts and shock bolts. 914's check fuel pump and lines. No positive camber on any car.
- 15. **WHEEL BEARINGS** - Correct adjustment, check for play and proper lubrication, no damaged or burnt bearings.
- 16. **BRAKES** - Sufficient brake linings or pads. No rubbing, cuts or abrasions in brake lines. Check rotor condition. Brake pad thickness must be checked periodically for 2mm minimum thickness throughout the high-speed events. Make sure you start with ample brake pad material and/or bring an extra set of pads. It is recommended you start with fresh Competition pads properly bedded in.
- 17. **WHEELS** - No cracks. No bends. All lug nuts must have 94 - 96 lbs. torque. Valve stem must have airtight cap. Hubcaps and Center Caps must be removed for DE. Steel lug nuts highly recommended for DE.
- 18. **TIRES** - In Good condition. No cracks or bulges. ZR or better required (HR for Autocross only). Minimum tread depth of 3/32" on contact patch area (race tires or shaved performance tires must have as least 1/16" tread wear marker depth and No Cord Showing). Seek an experienced driver with like car/tires for hot/cold tire pressure.
- 18. **BRAKE FLUID** - Level up, must show in reservoir. **All cars must have their brake systems flushed with DOT 4 specification or better brake fluid 90 days or less preceding the high-speed event. If another high-speed event is run less than 90 days prior to this event, then the fluid must be flushed AGAIN before running.**

Engine

103 dB Limits!

- 20. **BATTERY (IES)** - Securely fastened and in good condition. No acid leaks or corrosion. Check fuel lines under battery trays on 914's. The Positive (+) Terminal on All batteries must be covered by cap or tape.
- 21. **ENGINE** - Check for odd sounds and satisfactory exhaust (**103dB limit at all our DE tracks**)
- 22. **DRIVE BELTS** - Tight and in good condition.
- 23. **LEAKS** - No exhaust leaks or leaks of any fluid - oil, gas, brake, or coolant.
- 24. **THROTTLE RETURN** - Freely operating and good springs. Check both throttle return springs on CIS cars.
- 25. **BRAKE LIGHTS** - All bulbs on both sides and center brake light (if so equipped) must be functional.

In consideration of my participation in this event, I have checked the above items and certify that they meet or exceed the requirements. I agree to indemnify and hold harmless the organizers of the event, or their agents, with respect to responsibility for the condition and preparation of my car, or any subsequent mechanical failures or resulting damage to my car, its occupants and the venue facilities as a result of any such failures. I acknowledge that at all times; I remain solely responsible for the safety and roadworthiness of my car.

I hereby certify that I have no physical or mental problems, which could jeopardize any others or me if I participate in this event.

ALL OF THE ITEMS ON THIS TECH SHEET HAVE BEEN TESTED AND SERVICED AS DESCRIBED. THE TECH INSPECTOR'S SIGNATURE BELOW DOES NOT IMPLY COMPLIANCE WITH THE ABOVE AND IS ONLY AS WITNESS TO THE DRIVER'S SIGNATURE, WHICH WARRANTS COMPLIANCE.

DRIVER'S SIGNATURE: _____ DATE: _____

WITNESS TO DRIVER'S SIGNATURE (Inspector): _____ SERVICE STAMP _____ DATE: _____