



# 2012 ARPCA Tech Update

As a part of our continuous effort to elevate the quality and safety of the driving events offered to you by the Allegheny Region of the Porsche Club of America, we have made some modifications to our Technical Inspection Process for our 2012 season. Using guidelines published by the Porsche Club of America, we have modified our Safety Requirements to include the following.

**NOTE:** Vehicles not meeting these minimum safety requirements will not be allowed to participate in the event. The owner of the vehicle will be given the opportunity to remedy any shortcomings and to be re-inspected, as time permits, and if passed then allowed to participate. There will be no refund of any fees if your vehicle does not meet these requirements and you are not able to participate

## **Your vehicle will be presented to the Track Tech Inspector, ready to run.**

**WINDSHIELD & MIRRORS** - No cracks. Functional wipers with good blades. - At least one securely mounted rear view mirror

**BRAKE LIGHTS** - Functional

**PEDALS** - Free return & in good operating condition. Firm brake pedal. **THROTTLE RETURN**- Freely operating linkage & good springs

**BRAKES & BRAKE FLUID** - Sufficient brake linings or pads. No cuts or abrasions in brake lines. Check rotors condition. Brake fluid should be flushed prior to all high speed track events. At the very least, manufacture's recommendations should be followed. Fluid level should be topped up to maximum factory level.

**HARNESS SYSTEM** - As a minimum the vehicle shall have the OEM restraints. If the participant chooses to install 5 or 6 point driving harnesses. these harnesses must include an antisubmarine strap and be mounted in an approved manner consistent the manufacturer's instructions. It is **MANDATORY** that the Harness System be used in conjunction with a seat which has the supplied routing holes for the shoulder and anti-submarine belts. The use of H-style harness shoulder belts is no longer allowed by the PCA. Equal restraints required for driver & passenger. **A passenger seat is required for all vehicles.**

**ROLL BAR** - Open air vehicles must have OEM, operational, roll over protection OR properly installed roll bars that meet the broomstick rule. Must be taller than driver & provide protection for passenger also.

**BATTERY(S)** - Securely fastened & in good condition- no acid leaks or corrosion.

**ENGINE BELTS** - Tight & in good condition.

**LEAKS** - No leaks of any fluid- oil, gas, brake or coolant.

**RUST**- No excessive rust or damage to suspension, chassis parts or body.

**FRONT & REAR SUSPENSION** - No excessive looseness in steering or suspension. Lower trailing arms to radius rods tight. Tie rods secure. Axle & shock bolts tight. Ball joints in good condition. Axle boots and oil seals in good condition. **WHEEL BEARINGS**- Correct adjustment.

**WHEELS** - No cracks or bends. All lug nuts engaged. Valve stems must have airtight cap.

**TIRES** - Good condition. No cracks or bulges. Minimum tread depth of 2/32" across contact patch area recommended.

**FIRE EXTINGUISHER** - Securely anchored metal-to-metal in reach of driver. BC or ABC rated & fully charged. Recommended but not required.

**MUFFLER** - Required on all cars; no open exhausts (95 db limit!!!)

**LUG NUTS** - Remove plastic lug caps & wheel locks. Torque lugs to 90 ft/lbs or to manufacturer's specs.

**GAS CAP** - Gasket intact & cap tightened.

**ROOF PANELS** - Must be securely in place; this includes Targas and sunroofs.

**LOOSE ITEMS** -Remove all loose items from trunk & interior- including items in glove compartment, door pockets, etc.

**HELMET** - MUST BE year **2005** or later. SNELL rating required (sticker must be attached- look inside). SNELL "SA" recommended. A helmet with only a DOT rating is NOT ACCEPTABLE.

**CARS NOT PERMITTED** – As of 2012 all open wheeled cars are prohibited. All cars with an open cockpit like a Lotus 7 or Caterham are prohibited. All cars requiring methanol based fuels are prohibited. Should there be any question about the suitability and safety of a vehicle, the final determination will be made by the Chief Instructors/Safety Chair.

We also highly recommend that you have your vehicle inspected by a maintenance facility of your choice prior to the participation in our event. If you have any questions regarding these inspection criteria please contact:

Dale Rabeneck, Track Chair 412-877-4361 Mobile phone or [dalerrabeneck@gmail.com](mailto:dalerrabeneck@gmail.com)



## ARPCA 2012 SAFETY INSPECTION FORM

CAR MAKE \_\_\_\_\_ MODEL \_\_\_\_\_ COLOR \_\_\_\_\_ LICENSE NO. \_\_\_\_\_

**As a participant in this driving event, you are responsible for the safety of your car. The following is a minimum list of items which should be checked by a competent service facility prior to the event. The inspection performed at our events is a safety check of several items on this list. It is an effort to assure your compliance with this requirement. The safety check at the track is not a complete tech inspection. Allegheny Region PCA and its designated safety inspectors assume no responsibility for the safety of your vehicle. Any car found to be improperly prepared will not be permitted to participate. There will be no refund if your car fails to pass the safety check.**

Initial each item.

- \_\_\_\_ 1. **WINDSHIELD & MIRRORS** - No cracks. Functional wipers with good blades. - At least one securely mounted rear view mirror
- \_\_\_\_ 2. **BRAKE LIGHTS** - Functional.
- \_\_\_\_ 3. **PEDALS** - Free return & in good operating condition. Firm brake pedal. THROTTLE RETURN- Freely operating linkage & good springs
- \_\_\_\_ 4. **BRAKES & BRAKE FLUID** - Sufficient brake linings or pads. No cuts or abrasions in brake lines. Check rotors condition. Brake fluid should be flushed prior to all high speed track events. At the very least, manufacture's recommendations should be followed. Fluid level should be topped up to maximum factory level.
- \_\_\_\_ 5. **HARNESSE SYSTEM** - As a minimum the vehicle shall have the OEM restraints. If the participant chooses to install 5 or 6 point driving harnesses, harnesses must include an antisubmarine strap and be mounted in an approved manner consistent the manufacturer's instructions. It is MANDATORY that the Harness System be used in conjunction with a seat which has the supplied routing holes for the shoulder and anti-submarine belts. The use of a H-style harness shoulder belts is no longer allowed by PCA. Equal restraints required for driver & passenger.
- \_\_\_\_ 6. **ROLL BAR** - Open air vehicles must have OEM, operational, roll over protection OR properly installed roll bars that meet the broomstick rule. Must be taller than driver & provide protection for passenger also.
- \_\_\_\_ 7. **BATTERY(S)** - Securely fastened & in good condition- no acid leaks or corrosion.
- \_\_\_\_ 8. **ENGINE BELTS** - Tight & in good condition.
- \_\_\_\_ 9. **LEAKS** - No leaks of any fluid- oil, gas, brake or coolant.
- \_\_\_\_ 10. **RUST**- No excessive rust or damage to suspension, chassis parts or body.
- \_\_\_\_ 11. **FRONT & REAR SUSPENSION** - No excessive looseness in steering or suspension. Lower trailing arms to radius rods tight. Tie rods secure. Axle & shock bolts tight. Ball joints in good condition. Axle boots and oil seals in good condition. WHEEL BEARINGS- Correct adjustment.
- \_\_\_\_ 12. **WHEELS** - No cracks or bends. All lug nuts engaged. Valve stems must have airtight cap.
- \_\_\_\_ 13. **TIRES** - Good condition. No cracks or bulges. Minimum tread depth of 2/32" across contact patch area recommended.
- \_\_\_\_ 14. **FIRE EXTINGUISHER** - Securely anchored metal-to-metal in reach of driver. BC or ABC rated & fully charged. Recommended but not required.
- \_\_\_\_ 15. **MUFFLER** - Required on all cars; no open exhausts (100 db limit!!!)

**Your vehicle will be presented to track tech inspector, ready to run.**

- 1. **LUG NUTS** - Remove plastic lug caps & wheel locks. Torque lugs to 90 ft/lbs or to manufacturer's specs.
- 2. **GAS CAP** - Gasket intact & cap tightened.
- 3. **ROOF PANELS** - Must be securely in place; this includes Targas and sunroofs.
- 4. **LOOSE ITEMS** -Remove all loose items from trunk & interior- including items in glove compartment, door pockets, etc.
- 5. **HELMET** - MUST BE year **2005** or later. SNELL rating required (sticker must be attached- look inside). SNELL "SA" recommended. A helmet with only a DOT rating is NOT ACCEPTABLE.

In consideration of my participation in this event, I have had the above items checked. I and the inspection shop certify that they meet or exceed the requirements. I agree to indemnify and hold harmless the organizers of the event, and 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 or its occupants as a result of any such failures. I acknowledge that at all times I am solely responsible for the safety and road worthiness of my car and I am not relying on the safety check made by this event's inspectors in deciding whether or not to drive my car.

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

**DRIVER**

**INSPECTION FACILITY**

NAME (print) \_\_\_\_\_  
 SIGNATURE \_\_\_\_\_  
 DATE \_\_\_\_\_  
 DR LIC NO. \_\_\_\_\_  
 STATE/EXP \_\_\_\_\_  
 DATE \_\_\_\_\_  
 ST. ADDRESS \_\_\_\_\_  
 CITY/STATE/ZIP \_\_\_\_\_

NAME \_\_\_\_\_  
 \_\_\_\_\_  
 SIGNATURE OF INSPECTOR

Inspection facilities please complete one form for each driver of this vehicle.

All drivers must have their own form.

This form must be presented at time of track inspection.