



# SCHATTENBAUM REGION

Porsche Club of America

www.schattenbaum.org

## 2010 Safety Inspection Checklist



**This safety inspection must be completed within 1 month prior to the designated Drivers Education event. The completed form, with no failed items, must be presented during the "Grid Tech" at the track.**

Each track event participant is primarily responsible for the safety of his or her car and should know the condition of all items on this list. The owner must remain with and operate their car as requested by the safety inspector.

### DRIVER must complete the following:

Event _____	Event Dates _____	Car Number _____
Driver name(s) _____		
Street Address _____	City _____	State _____ ZIP _____
Vehicle Type/Model _____	Year _____	Lic. Plate _____

Occupant Height Requirement ("Broomstick Rule"): While seated in the normal position, and wearing an approved helmet, the top of an occupant's helmet must be at least two inches below a line extending from the top of the portion of the roll bar (or hoop) directly behind the head to the top of the windshield directly in front of the occupant.

### SAFETY INSPECTOR must complete the following: (\* See "Inspection Notes" page for details)

Pass	Fail	Check the following with car on ground:
		1. <b>Brake Lights:</b> must be functional
		2. <b>Windshield and Windows:</b> no cracks, functional wipers
		3. <b>Mirrors:</b> at least one rear view mirror, securely mounted
		4.* <b>Fire Extinguisher:</b> required for advanced run group cars - inspect if present
		5.* <b>Helmet:</b> Snell 2000 or newer, SA or M rating
		6. <b>Pedal:</b> free return, firm brake pedal
		7.* <b>Seat Belts / Safety Harnesses:</b> see notes!
		8.* <b>Roll Bar:</b> required on all convertible and open cars
		9.* <b>Brake Fluid:</b> sufficient level, clean, bled prior to event
		10. <b>Doors:</b> must be operational from inside and outside
		11.* <b>Battery:</b> securely mounted, no acid leaks or corrosion
		12. <b>Fan Belts:</b> fan and other belts tight and in good condition
		13.* <b>Throttle Return:</b> freely operating linkage and good springs
		14.* <b>Auxiliary Equipment:</b> __video, __phone, __G-analyst, __radar det., __sound eq.
Pass	Fail	Check the following from below the car:
		15.* <b>Front Suspension:</b> no excessive looseness
		16. <b>Wheel Bearings:</b> proper adjustment
		17.* <b>Brakes:</b> sufficient brake linings or pads (50% min.)
		18.* <b>Wheels:</b> no cracks, bends, torque to 90 ft.-lb.
		19.* <b>Tires:</b> good condition, 3/32" min. tread depth, same make and type
		20.* <b>Fluid Leaks:</b> no leaks of any fluid. Check fuel filler cap seal.
		21.* <b>Exhaust System:</b> securely fastened and in acceptable condition
		22. <b>Rear Suspension:</b> no looseness, check half-shaft bolts and axle stub nuts
		23. <b>Rust:</b> no excessive rust or damage to suspension/chassis parts

### INSPECTOR NOT LIABLE FOR THE SAFETY OF THIS VEHICLE

Inspector

\_\_\_\_\_  
Name - Please Print

\_\_\_\_\_  
Shop/Facility Name or Stamp

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**I acknowledge that I am ultimately responsible for the safety of my car.**

Driver

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

## \*Inspection Notes

4. FIRE EXTINGUISHER: Required on Advanced run group cars. If present, must be securely mounted (metal-to-metal) in reach of driver. Must be BC or ABC rated. 2.5 lb. minimum and fully charged.
5. HELMETS: Must carry a Snell M-2000 or SA-2000 or newer certification.
7. SEAT BELTS / SAFETY HARNESSSES: Both driver and passenger must have the same level of protection in both belts and seats. Harness guide bars must not be used as anchor points for belts. All harness systems must include a properly secured antisubmarine strap, must be used with a seat having appropriate routing holes, and should be used in conjunction with properly padded roll bar or cage. Shoulder strap angle must be no more than 40 deg. from horizontal. No 4-point harnesses allowed. All cars running with open tops MUST have full harnesses and arm restraints. See the PCA website for guidelines: [http://pca.org/members/library/PCA\\_DE\\_Guidelines.pdf](http://pca.org/members/library/PCA_DE_Guidelines.pdf).
8. ROLL BARS: All open cars (e.g. cabriolets) MUST have adequate rollbars, whether running with the top on or off. Cabriolets with pop-up roll bar are acceptable (Note: Some tracks may require manual deployment of the pop-up bar). Boxsters, Targas and 914s are acceptable without add-on rollbars. Sunroofs must be closed while on the track.
9. BRAKE FLUID: Sufficient brake fluid (DOT 3 or 4 recommended). Brakes should be bled prior to all high speed track events. Recommend that brake fluid be changed at least annually.
11. BATTERIES: Check for corrosion or signs of leakage. Check fuel lines under battery tray on 914.
13. THROTTLE RETURN: Check linkage for free operation and strong return spring. Check both springs on CIS-equipped cars.
14. AUXILIARY EQUIPMENT: Check mounting installation of all permanent auxiliary equipment. Non-permanently mounted equipment must be removed prior to final grid tech. Use of in-car video equipment is restricted to those run groups not requiring instructors.
15. FRONT SUSPENSION: No excessive looseness in steering or suspension. Lower trailing arm to radius arm tight; axle and shock bolts tight; no fluid leaks, condition; tie rods secure; axle boots and oil seals in good condition. 944/968: check control arms and ball joints closely if ride-height is lowered.
17. BRAKES: Sufficient brake linings or pads 50% or more. 914 check inner rear pads. No cuts or abrasions in brake lines. Inspect rotors.
18. WHEELS: No cracks. No bends. All lug nuts engaged. Valve stems must have airtight caps. Pay special attention to after-market wheels. Must be TUV approved.
19. TIRES: No cracks or plugs. Min. 3/32" tread depth on contact patch area (except race tires). Extra wide tires, wheels and fender flares subject to inspector approval. All tires should be of the same manufacturer and type. Front tires should be of the same size. Rear tires should be of the same size.
20. FLUID LEAKS: Check for engine oil, gas, coolant, brake fluid, transmission oil and power steering fluid.
21. EXHAUST SYSTEM: Securely fastened and acceptable condition. Note: Sound level restriction at Lime Rock Park requires use of mufflers.