



DELAWARE REGION

Porsche Club of America

2016 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.

All drivers must supply ALL of the following:

Event _____	Event Dates _____	Car Number _____
Driver name _____	D.O.B. _____	
Drivers Lic. # _____	State _____	
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. Brake Lights: Mst be functional
		2. Windshield and Windows: No cracks in field of view, functional wipers
		3. Mirrors: At least one rear view mirror, securely mounted
		4.* Fire Extinguisher: Recommended for advanced run group cars - inspect if present
		5.* Helmet: Snell 2010 or newer, SA or M rating
		6. Pedal: Free return, firm brake pedal
		7.* Seat Belts / Safety Harnesses: See notes!
		8.* Roll Bar: Required on all convertible and open cars – See notes!
		9.* Brake Fluid: Sufficient level, clean, bled prior to event
		10. Doors: Must be operational from inside and outside
		11. Battery: Securely mounted, no acid leaks or corrosion
		12. Fan Belts: Tight and in good condition
		13.* Throttle Return: Freely operating linkage and good springs
		14.* Auxiliary Equipment: __video, __phone, __G-analyst, __radar det., __sound eq.
Pass	Fail	Check the following from below the car:
		15.* Front Suspension: No excessive looseness
		16. Wheel Bearings: Proper adjustment
		17.* Brakes: Sufficient brake linings or pads (50% min.)
		18.* Wheels: No cracks, bends, lug nuts torqued to 90 ft.-lb.
		19.* Tires: Good condition, 3/32" min. tread depth (except race tires), all same type
		20.* Fluid Leaks: No leaks of any fluid, check fuel filler cap seal.
		21.* Exhaust System: Securely fastened and in acceptable condition
		22. Rear Suspension: No looseness, check half-shaft bolts and axle stub nuts
		23. Rust: 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: Recommended in 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-2010 or SA-2010 or newer certification. Present at grid tech.
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 without manufacturer's documentation that harness system is specifically designed for the car (e.g. Shroth Quick Fit). All cars running with open tops **MUST** have full harnesses and arm restraints. ALL aftermarket harnesses must have SFI or FIA certification labels and are good for 5 years from the manufactured date. See the PCA website for guidelines: <https://www.pca.org/driver-education-minimum-standards>.
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: NJMP **requires** 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.
13. THROTTLE RETURN: Check linkage for free operation and strong return spring(s).
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, 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. No cuts or abrasions in brake lines. Inspect rotors for cracks. Cracks from holes in drilled rotors should not extend to adjacent holes or to edge of rotor.
18. WHEELS: No cracks. No bends. All lug nuts fully engaged. 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 may be restricted at some tracks.