



DELAWARE REGION

Porsche Club of America
www.delawarepca.net



2021 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 at 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 _____ | |
| Email _____ | Tel # _____ | |
| Vehicle Type/Model _____ | Year _____ | Lic. Plate/State _____ |

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

| Pass | Fail | Check the following with car on ground: |
|------|------|--|
| | | 1. Brake Lights: Must 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: Full-face Snell 2015 or newer with SA rating required, unless – <i>See notes!</i> |
| | | 6. Pedal: Free return, firm brake pedal |
| | | 7.* Seat Belts / Safety Harnesses: <i>New requirements - See notes!</i> |
| | | 8.* Roll Bar: Req'd on all convertible and open cars <i>New requirements - See notes!</i> |
| | | 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 min. |
| | | 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 SA-2015 or newer certification. Open-faced helmet permitted only in factory stock cars equipped with functioning air bag systems. Present at grid tech.
7. SEAT BELTS / SAFETY HARNESSSES: Driver and passenger must have the same level of protection in both belts and seats, including use of head & neck restraint devices. **All drivers using multi-point harness systems MUST use a head & neck restraint device (e.g. HANS).** Head and neck restraints devices must be either SFI 38.1 or FIA 8858 approved. All harness systems must include a properly secured antisubmarine strap and must be used with a seat having appropriate harness slots.. Shoulder strap angle must be no more than 40 deg. from shoulder slot to anchor point. **No 4-point harnesses allowed without manufacturer's documentation that harness system is specifically designed for the car.** See <https://www.pca.org/driver-education-minimum-standards> for specific Porsche models that accept the Schroth 4-point harness.

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. Harness guide bars must not be used as anchor points for belts.

See the PCA website <https://www.pca.org/driver-education-minimum-standards> for seat and harness requirements and guidelines.

8. ROLL BARS: Must be covered with closed cell foam padding in any place where a helmet could come in contact with the bar. All open cars (e.g. cabriolets) MUST have roll bars, whether running with the top on or off. NOTE: NJMP requires pre-deployment of any pop-up bar. If your car's bar cannot be deployed it will not be permitted at NJMP. Sunroofs must be closed while on the track. Broomstick rule must be met: 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.
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; tie rods secure; axle boots and oil seals in good condition; no play in control arms ball joints.
17. BRAKES: Pad thickness of 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 and torqued to manufacturer's spec. Pay special attention to aftermarket 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.