

General Instructions Pre-Track Tech and Tech Form - 2019

Please note: Effective this year (2019), PCA rules require that all drivers or passengers using multi-point harnesses must also use a HANS device.

1. Although each DE participant is responsible for the condition of their vehicle, per NNJR's rules you **MUST** have your car inspected with this form signed and stamped by a qualified shop before you arrive at the track. If you do not submit a completed form at Tech, you will not be allowed to drive on the track.
2. Inspections may be performed by any of the following; 1.) The NNJR sponsored pre-track tech event; 2.) Any Porsche dealer or PCA authorized shop; 3.) Any qualified shop, using this form and attaching a signed receipt. The tech form must be signed and stamped by the shop and its technician performing the inspection – originals only will be accepted at Tech.
3. Inspection must occur within 30 days of the event. No events may be run in the interim.
4. Beginning in 2019, cars will undergo a single tech session at the beginning of the event, unless the tech team finds some reason (i.e. worn brake pads or tires), that requires an additional tech the following day.
5. Read the instructions completely. There is information specific to years, models and special equipment.
6. Please bring this form to the designated Tech area at the event and you will receive a tech sticker that must be applied to the windshield (driver's side) before going on track. In the event you have attended the NNJR pre-tech, you will already have an event sticker, but must still go through tech at the track.

In all cases the tech inspection must be performed in accordance with this form and NNJR guidelines.

All makes and models of cars (Porsche, Audi, BMW, Chevrolet, etc....) have specific issues regarding aging parts, failing parts, recalls, etc. It is not the intent of this tech form to be an advisory and/or guidance document for any make/model specific issues.

Technical inspection is important for your safety and the safety of others on the track with you. It also allows NNJR to secure insurance coverage and to run this driver education program.

2019 NNJR TECH INSPECTION CHECKLIST

If you attended the NNJR pre-event tech, bring the tech **sticker** to the track.

If you did not attend the NNJR tech, bring **this completed form** (plus receipt if applicable) to the Tech at the DE.

TO BE COMPLETED BY DRIVER(S):

P A S E D	F A I L E D	N / A	EVENT NAME AND DATE(S) _____
			DRIVER(S) NAME(S) _____
			VEHICLE TYPE _____ YEAR _____ LICENSE PLATE _____
			DATE OF BIRTH _____ DRIVERS LICENSE NO. _____
			Will the tires on the vehicle at the time of this inspection be the tires used at the track? Yes ___ No ___

TO BE COMPLETED BY INSPECTOR - THE FOLLOWING TO BE CHECKED ON THE GROUND

- | | | | | |
|-----|-----|-----|-----|---|
| [] | [] | [] | 1. | BRAKE LIGHTS: Must be functional. |
| [] | [] | [] | 2. | WINDSHIELD: No cracks; condition must not impair vision. |
| [] | [] | [] | 3. | MIRRORS: Must have at least two rear view mirrors. All mirrors must be securely mounted and be able to view down both sides of the car using the mirrors. |
| [] | [] | [] | 4. | HELMET(S): Must carry a 2010 or 2015 Snell M, SA, or SAH sticker; SA/SAH strongly recommended . Events in NJ require closed faced helmets. |
| [] | [] | [] | 5. | PEDALS: All pedals must have free return and be in good operating condition. Brake pedal must be FIRM. |
| [] | [] | [] | 6. | SEAT BELTS: Factory or better installation in both seats; must be securely mounted; belts not frayed; equal restraints for passenger and driver. 4-point harnesses prohibited except Schroth Quick Fit. 5-, 6- and 7-point harnesses must use seat with factory routing holes. The installation of non-factory restraint systems must meet FIA or SFI specifications. Harness Belts must be replaced no later than five years after the date of manufacture. Head and Neck restraint (HANS) is required with the use of harnesses. |
| [] | [] | [] | 7. | ROLL BARS: All open cars (Convertible, soft tops, open race cars), must have adequate roll bars. Drivers of all open cars will be subject to the broomstick test. The deployable roll bar in newer cabriolets is permitted for all tracks except Lime Rock, NJMP and VIR, which require fixed roll bars. Pre-2005 (986) Boxsters require a roll bar extension (e.g. Brey-Krauss) for Lime Rock, NJMP and VIR. Roll bars at the A pillar must be covered with closed cell foam padding and is recommended in any place where a helmet or body parts could come in contact with the bar. Open cars require arm restraints. |
| [] | [] | [] | 8. | BRAKE FLUID: Sufficient brake fluid, using manufacturer specified type. Brakes should be bled prior to all high-speed track events. Brake fluid must be changed at least annually. |
| [] | [] | [] | 9. | BATTERY(IES): Securely fastened and in good condition. No acid leaks or corrosion. |
| [] | [] | [] | 10. | BELTS: Fan and other belts must carry proper tension and be in good condition. |
| [] | [] | [] | 11. | ENGINE: General condition of engine and accessories. |
| [] | [] | [] | 12. | THROTTLE RETURN: Freely operating linkage and good springs. |
| [] | [] | [] | 13. | AUXILIARY EQUIPMENT: This includes car phones, radar detectors, cameras, sound equipment, and data-acquisition devices. The use of in-car video equipment for instructed groups is at the discretion of the instructor. The entire camera system must be installed for this inspection. It must be securely fastened with a proper mount, and, depending on size and weight of the camera, may require a strap or metal clamp at the discretion of the tech inspector. Externally mounted cameras must be mounted metal-to-metal or attached with a suction cup plus secure tether. Suction cup mounting is permitted inside the vehicle pending inspection. |

TO BE COMPLETED BY INSPECTOR - THE FOLLOWING ITEMS WILL BE CHECKED ON THE LIFT

- 14. **FRONT SUSPENSION:** No excessive looseness in steering or suspension. Lower trailing arm to radius arm tight; axle and shock bolts tight; no fluid leaks; ball joints in good condition; tie rods secure; axle boots and oil seals in good condition. Solid suspension (e.g. RSS Tarmac) should be serviced yearly.

- 15. **WHEEL BEARINGS:** Sealed bearings: no play. Taper bearings: correct adjustment (check rear bearings where applicable).

- 16. **BRAKES:** Sufficient brake linings or pads, **50% min.** No cuts or abrasions in brake lines. Rotors must be in good condition, within factory specs, no cracks to the outer edge, no cracks larger than the diameter of the rotor holes, no cracks that connect holes. For multiple drivers, pads should exceed minimum standard.

- 17. **WHEELS:** No cracks or bends, all lug nuts engaged, valve stems must have airtight caps. If using track tires steel lug nuts should be used. **Pay special attention to aftermarket wheels and Turbo Twist wheels. Center locks:** locking devices fully engaged. Center caps must be installed before car goes on track. See your dealer or repair facility for details regarding the proper torquing of center locks and for guidance on recall campaigns.

- 18. **TIRES:** No cracks and in good condition. Minimum 3/32" tread depth on contact patch area (except race tires). Extra wide tires, wheels and fender flares are subject to inspector's approval. All tires should be of the same manufacturer and type. Front tires should be the same size. Rear tires should be the same size.

- 19. **LEAKS/FLUID LINES:** No dripping leaks of any fluids (oil, gas, brake fluid or coolant). Proper fittings and line condition, no external clamps on pressurized oil lines. Please see your dealer or repair facility for details and guidance regarding model and/or age specific issues (i.e. coolant fittings on cars with GT1 motors, etc.) and/or recall campaigns. Inspect radiators for leaks. Inspect snap ring hoses on 997 and 987 cooling systems.

- 20. **EXHAUST SYSTEM:** Securely fastened and in acceptable condition. Quiet for Lime Rock (81db) and Tremblant (90db).

- 21. **REAR SUSPENSION:** Check half shaft bolts and shock bolts.

- 22. **BODY:** Doors must be operable from both the inside and outside of the car. Numbers on both sides, as well as front and rear of the car.

- 23. **RUST:** No excessive rust or damage to suspension/chassis parts.

INSPECTED BY: _____ ** DATE: _____

THE UNDERSIGNED INDIVIDUAL(S) HEREBY CERTIFY THAT:

1. This OFFICIAL TECHNICAL INSPECTION FORM (THE "FORM") submitted to the Northern New Jersey Region (the "Region") of the Porsche Club of America, in connection with the above noted High Performance Driver Education Event was performed on the date shown below by a Porsche mechanic or other person authorized by the Region to conduct such an inspection.
2. The completed Form correctly and accurately shows the condition of the Car identified above on the date of the inspection.
3. There have been no changes in the condition of the Car since the date of the inspection that would affect the track-worthiness of the Car. The undersigned hereby agrees to defend, indemnify and hold harmless PCA, its zones and regions, as well as the inspector, from any and all claims or demands arising directly or indirectly from any incorrect and/or inaccurate statements set forth in this form.

I understand that the technical inspection performed on my Car and my helmet is solely for the purpose of meeting minimum standards of car preparation for the Zone's or Region's High Performance Driving Event. No warranties or guarantees are implied or expressed by the passing of the inspection performed. I acknowledge that the safe condition and operation of my Car is entirely my responsibility. I take full and sole responsibility for any vehicle problems, malfunctions, or damage that may occur in connection with the operation or performance of my Car prior to, during, or subsequent to the Event.

Driver #1 Signature: _____ Date: _____

Driver #2 Signature: _____ Date: _____

****Must have "Authorized Shop Stamp" here or attach receipt or business card for shop (for non-NNJR) inspection.**

PARTICIPANTS ARE RESPONSIBLE FOR THE SAFETY OF ANY VEHICLE THEY RUN AND MUST KNOW THE CONDITION OF ALL ITEMS ON THIS LIST