

# Vehicle Tech Inspection

Porsche Club of America  
2023 Porsche Parade Safety Tech Inspection for Autocross Vehicle's:

This year PCA will be performing Safety Inspection the morning of the autocross at the autocross site. Please prepare your vehicle prior to the Safety Tech Inspection, if there is an issue with the participant's vehicle or safety gear they will be moved out of the staging area to fix the issue.

It is the sole responsibility of each competitor to present a vehicle that is safe to operate in a competitive event and is in sound mechanical condition. Safety inspection by PCA volunteers does not relieve a competitor of their responsibility for the safety of the vehicle they have entered.

**Note: all vehicle's trunk's or bonnet & interior must be empty prior to Tech Inspections and during the autocross.**

There will be four time slots for Safety Inspections at the autocross site:  
Wednesday 7:00am to 8:00am & 10:30am to 11:30am  
Thursday 7:00am to 8:00am & 10:30am to 11:30am

**Also Safety Tech Chair:** Howard Gilson will be on site to perform any last minute inspections until 3:00pm.

All vehicle Safety Inspections will be done at the autocross site prior to participating in the autocross, vehicles must have a Tech Sticker to participate. Again, I can't emphasize this more, Please have your vehicle ready for and safety inspection prior to staging your vehicle for the autocross. Safety Inspection Volunteers will check wheel torque, safety gear, wheel, tires, brakes, battery, fluid levels and any fluid leaks, belts and the other items listed on the Safety Inspection Form. Participants are responsible for all items on the Safety Inspection Form prior to the autocross.

(This year we will not be handing out the Safety Tech Form, please provide online form for participants to download, read or print. I will have 5 Safety Tech Forms laminated so that the volunteers have something to check off as they perform the inspection. Once the inspection is done a Safety Tech Sticker is applied to the top left of the windshield indicating the vehicle has passed Safety Tech Inspection).



## Porsche Club of America - Parade Autocross Tech Inspection Form

### Items to be checked for Safety Tech Inspection

- Helmet** - Snell rated 2010 or newer, no cracks, chin strap in good condition.
- Roll Bar & Cages** - Mandatory for all open & semi-open cars without manufacturer's structural or deploying roll over protection, roll bars must pass the broomstick rule & must be covered with closed cell foam padding in places where a helmet could come in contact with the bar.
- Seat Belts** - Factory or better installation in both seats, must be securely mounted, **belts not frayed**, equal restraints for passenger & driver. 4-point harnesses prohibited except Schroth Quick Fit. 5, 6 & 7-point harness must use seat with factory routing holes.
- Structural Integrity** - No loose body or interior parts, no structural rust at or near suspension points.
- Doors** - Must be operational from inside & outside.
- Windshield** - No cracks, condition does not impair vision.
- Mirrors** - Minimum of single mirror in good condition & securely mounted.
- Gas Cap** - Tightly closed & no leakage.
- Fluids** - NO DRIPPING LEAKS of any fluid of any type.
- Fluid Lines** - Proper fittings & line condition, no external clamps used on pressurized oil lines.
- Battery** - Properly secured, no apparent corrosion. **Please check before Tech Inspection, most common overlooked item.**
- Throttle Return** - Freely operating & proper spring(s).
- Engine** - Proper exhaust in good condition, general condition of engine & accessories.
- Engine Belts** - Fan & other auxiliary belts in good condition with proper tension. Also check belt pulley's.
- Brakes** - Sufficient brake pads (3/16 inch minimum), rotors & pads are in good condition, no cuts or abrasions in brake lines. There should be no visible cracks extending to the edge of the rotor. With co-driver, pads should exceed minimum standards.
- Brake Fluid** - Sufficient brake fluid, premium fluid recommended. Brake fluid must be changed at least annually. \*\*\*Date brake fluid was last changed \_\_\_/\_\_\_/\_\_\_\_.
- Brake Lights** - Functional & visible brake lights.
- Pedals** - All pedals must have free return & be in good operating condition. Brake pedal must be firm.
- Wheels - Overall Condition** - No cracks, bends or flaws, valve stem must have airtight caps.
- Wheel Bolts & Lugs** - All lug nuts engaged, pay special attention to aftermarket wheels & Turbo Twist wheels, if using track tires, steel lug nuts should be used.
- Wheels Center Lock** - Make sure the locking devices are fully engaged.
- Wheel Bearings** - Proper free rotation, no looseness in hub.
- Tires** - General good condition, no cracks, cuts, cords, dry rot or blisters, tires used at the track should be checked again.
- Front Suspension** - No excessive play, ball joints & tie rods secure boots & all seals in good condition.
- Rear Suspension** - Half shaft boots in good condition, mounting hardware in good condition, no leaks.
- Exhaust** - Securely fastened & in good condition.
- Fire Extinguisher** - optional.

#### Minimum Standard Grid Tech List:

1. No loose objects or distracting items
2. At least one functioning brake light
3. Gas cap & battery secure
4. Wheel lug nuts torqued
5. Helmet with proper Snell rating 2005 or newer
6. Proper clothing attire, per PCA rules
7. Car numbers in place.