

PORSCHE CLUB OF AMERICA - INLAND NORTHWEST REGION

Driver Education Technical Inspection Program - Pre-Event Inspection

Welcome to our 2018 Driving Season....

This inspection shall be completed within 30 days prior to your registered event and presented to the EVENT TECH INSPECTORS

INSPECTION SUMMARY

Vehicle Make: _____ Year: _____

Model: _____ Color: _____

VIN: _____

The INWR is not responsible for the suitability, safe condition, or operation of this vehicle. The INWR does not warrant or imply in any way that the vehicle is suitable for use at PCA/INWR Driver Education events. The owner is fully responsible for all aspects of vehicle suitability and safety.

Workshop Name: _____

Inspected By: _____

Inspection Date: _____

PASS

FAIL

OWNER and Declaration

Last Name: _____ First Name: _____

email: _____ Phone: _____

Vehicle Owner Covenant: I understand that I am responsible for the suitability, condition, and safe operation of my vehicle at PCA/INWR Driver Education events. I am fully liable for this vehicle's condition and operation, and hereby release, defend, indemnify and hold harmless the Technical Inspector, Inspector's affiliated shop or business (if any), PCA Inland Northwest Region Inc. and any and all of its Officers, Directors, Event Chairs, driving event volunteers, driving event entrants, and members, and Spokane Raceways Inc. from any liability in PCA/INWR Driver Education events. I further agree to release, waive, discharge, and covenant not to sue any of the aforementioned parties.

I also understand that if my vehicle has a non-stock driver restraint/harness system, that it must be a 5/6 point driving harness, and that the restraint system must include an anti-submarine strap in conjunction with a seat with routing holes for all the straps. I further understand that the harness system must be mounted in an approved manner consistent with the manufacturer's instructions that includes the harness system's shoulder straps being mounted at 90 degrees to the axis of the driver's spine or at most 40 degrees down from horizontal. In addition, the harness system must also be used in conjunction with a seat that has the proper supplied routing holes for the harness as supplied by the seat manufacturer for the shoulder, lap, and anti-submarine straps.

Driver's Signature: _____ Date: _____

INSPECTOR: This vehicle will be used at high speeds on a closed circuit course and will be subject to high forces, heat, and other mechanical stresses. Please examine the vehicle with respect to the below listed inspection criteria, and grade each item either: Pass, Fail, or N/A (not applicable to this vehicle). All items must be marked either pass or fail or N/A. Please indicate any deficiencies in the margin area. Please complete the above information including the VIN and affix your shop stamp to the form (if applicable).

Track Day Inspection (DE Tech Line Inspectors Only)

Tires _____ Wheel Torque _____ Helmet _____ Seat Belts/Harness _____
 Battery _____ Gas Cap _____ Fluid Leaks _____ Brake Lights _____ Windscreen Cracks < 2in _____

Line Inspector _____

CHECKLIST

ITEM	DESCRIPTION	Pass	NA	Fail
ENGINE				
1	No oil leaks or drips from oil lines, engine, or reservoirs. Oil Filter tight. Wetness OK as long as there is no active dripping.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	No coolant fluid leaks from lines or reservoirs. Cap tight.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Belts properly adjusted and in good (functioning and performing well) condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Throttle linkage operates freely with strong; redundant return springs intact (except e--throttle cars).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Battery mounted securely with metal or original hardware, in good condition and not leaking. All caps must be intact and secure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Engine and transmission mounts in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brakes				
7	Age of brake fluid shall be 12 months or less. Hydraulic fluid reservoir intact with no leaks, cap tight, fluid clear (except specifically colored fluids) and full. <i>(PCA technical Inspectors require documentation that brake fluid has been changed at OEM recommended intervals and is no older than 12 months.)</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Brake lines intact under car and at wheels. Flexible lines attached correctly to prevent binding.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Pads/shoes of sufficient depth - 50% or more material remaining is recommended. Indicate depth of remaining wear material:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Pad Measurement in Percent of Original Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Left Front _____% Right Front: _____% Left Rear _____% Right Rear: _____%			
10	Rotors / drums in good condition. Adequate thickness, no cracks (minor spider cracks around holes OK), no warpage / run-out	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Suspension and Undercarriage				
11	Front and rear wheel bearings adjusted for correct play.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Suspension arms attached securely and undamaged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	DESCRIPTION	Pass	NA	Fail
13	Ball joints and steering tie rods in good condition with minimal play and no leakage evident.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Anti-sway bars attached securely and mounted properly. Drop links aligned properly and in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	944 front lower control arms in good condition (aluminum or steel).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Shock absorbers in good operating condition with no leaks and securely attached.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	No rust near structural members or attachment points, attachment points on body strong and secure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Exhaust system intact, no leaks, hung securely, does not touch bodywork when moved by hand. Mufflers required for all events; must be installed securely and without leaks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Half-shafts & CV boots secure with no leaks or tears. If applicable, Guibo and center support bearing in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steering		Pass	NA	Fail
20	Power Steering reservoir intact with no leaks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	Steering rack & boots in good operating condition with no fluid leaks.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Steering wheel operates freely and is securely attached. Adjustable columns must have functioning locking mechanism.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interior		Pass	NA	Fail
23	All seats securely attached to floor at all possible points; front seatbacks intact and securely attached to base; seatback locks functional; headrests intact.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	OEM Seat Belts: Seat belts for front seat positions, in excellent condition with no fraying or brittleness, securely attached and in correct working order. Shoulder adjustment mechanism working properly and secure.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.1	Driving harness must be a complete 5/6 point restraint system (*see Footnote "HARNESS STANDARDS"). All pieces of the restraint system must be installed in a manner consistent with the manufacturer's instructions. The 5/6 point driving harness shoulder straps shall be mounted at 90 degrees to the axis of the driver's spine or at most 40 degrees down from horizontal. The harnesses restraint system must also include an antisubmarine strap mounted in a manner consistent with the manufacturer's instructions. If a harness restraint system is not installed indicate N/A.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.2	The 5/6 point driving harness webbing must be less than five years old due to UV degradation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25.3	The harness system also must be used in conjunction with a seat which has the supplied routing holes for the shoulder, lap, and anti-submarine belts. This means that a seat is required to have the proper routing holes for the harness as supplied by the seat manufacturer for the shoulder, lap, and anti-submarine straps.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Pedals operate freely and return to rest position. Brake pedal firm.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	Sufficient roll-over protection - Open cars: Any make of car delivered with factory-installed roll over protection meets the minimum standards for PCA DE events. In these cars the soft-top must be in the up position or the hard top installed. If a car does not have factory installed roll over protection, a roll bar must be installed, which meets the "broomstick" rule (the driver's helmeted head is below a bar placed on top of the roll bar and windshield). See Footnote "ROLLOVER PROTECTION"	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ITEM	DESCRIPTION	Pass	NA	Fail
28	Optional fire extinguisher mounted securely using metal fasteners (no plastic brackets) within reach of driver.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Storage compartment doors securely attached and latch properly.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	Rearview mirror installed securely and usable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Exterior	Pass	NA	Fail
31	All glass securely attached and free of cracks (includes headlights). Minor divots and stars OK if less than 1 inch diameter. Lexan or Plexiglas windows OK. Driver's window must be operable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	All doors securely latch and operate from both inside and outside.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	Gas cap in proper DOT condition without leakage of fluid or vapor.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	Fuel supply & return lines securely and safely attached to vehicle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	<p>Tires in good condition with no sidewall bubbles, cracking, cord or belts showing. No leaks or temporary repairs. DOT--approved tires must have visible tread depth. Vehicle must have same tire brand and type at all corners and identical tires on each axle. Tires must be speed--rated for the maximum vehicle speed capability (generally VR or ZR). Check for adequate inflation pressure.</p> <p>Tire Tread Measurement in Millimeters:</p> <p style="padding-left: 40px;">Left Front _____ mm Right Front _____ mm</p> <p style="padding-left: 40px;">Left Rear _____ mm Right Rear _____ mm</p> <p>Replacement threshold for DOT approved tires is 3 mm</p> <p>Tire date code within 6 yrs from current year of Inspection Date</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
36	Wheels in excellent condition with no bends or damage. Valves attached securely and with caps. Valve braces attached correctly and securely (if applicable). No repaired alloy wheels under any condition!	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.1	Wheel bolts or lugs have engagement depth equal to at least the fastener's diameter. Inspect condition of fasteners for noticeable cracks or stress.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.2	Fasteners torqued to manufacturer's recommended level (see vehicle manual).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
37.3	All fasteners of same type per wheel.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
38	Body modifications securely attached with no dangerous edges.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
39	No or very minimal visible body rust.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
40	Mirror(s) securely attached. DOT prepared street cars must have at least 1 exterior mirror on driver side; non--DOT track prepared cars need only interior mirror.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
41	Brake light(s) functional. Track prepared cars require brake lights.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
42	Windshield wipers functional.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

INSPECTION NOTES

HARNESS STANDARDS: No four point systems are allowed in Porsches because of the integrated headrest supplied by the factory. In addition to the standard SFI and/ or FIA approved five and/or six point system, the standard will allow a four point system in non-Porsches that meet the following requirements:

- 1) Meet the Federal Motor Vehicle Safety Standard 209
- 2) Attaches to the factory seat belt mounting points
- 3) Belt is designed to work with a specific vehicle and that vehicle tag must be attached to the belt

An example of a system that meets the above criteria is the Schroth Quick Fit system.

ROLLOVER PROTECTION: Porsche Boxster, 996 & 997 Cabriolet models, and vehicles with factory- supplied fixed or pop-up protective hoops are approved. All other vehicles must have adequate roll-over protection in front and behind the occupants' seating location. "Adequate" can mean U.S. DOT-approved roll hoops and windshield frame, roll cage, etc. All cabriolets or convertible-top cars without manufacturer supplied front and rear roll-over protection must have roll bars whose dimensions, material, and installation is as specified in either SCCA General Competition Rules or PCA Racing Rulebook 2006. Aftermarket roll bars or cages must be covered with thick, absorptive material in the vicinity of occupant heads.