

Tarheel Sports Car Club High Performance Driving School

Annual Vehicle Inspection

Tarheel Sports Car Club, Inc. utilizes this annual inspection form to ensure all cars participating in our events are mechanically sound. Each car must be inspected by a qualified shop at least once a year. It should be re-inspected after any major repair or modification. A copy of this completed and signed form should remain with the car and the original submitted at check-in of the first event attended for the current season. Vehicles having a current competition logbook that meets the requirements and specifications set forth herein do not need this form provided the logbook is presented at registration. After reviewing this form, our event tech staff will issue a current tech sticker which will be valid for all THSCC driving schools for the current season. The issued sticker must be displayed in the lower left driver's side windshield, visible to Grid Marshals.

Tarheel Sports Car Club, Inc. reserves the right to conduct vehicle inspections during events and refuse event entry to any vehicle that does not meet our standards.

To participate in THSCC driving schools, at least one of the following is required:

- 1) A current THSCC annual or single event inspection sticker.
- 2) A current national sanctioning body Competition Vehicle Log Book (i.e. SCCA, BMWCCA, SVRA, PDC, NASA, etc.)

PLEASE PRINT LEGIBLY and check each box or N/A where not applicable.

Driver Name: _____ Inspection Location: _____

Auto Make: _____ Model: _____ Year: _____ License Plate #: _____

Vehicle Interior

Check integrity of seats, controls and mirrors. No hazards intruding into Driver or Instructor seating positions.

- | | | |
|--|--|---|
| <input type="checkbox"/> Throttle Linkage: Not Sticking | <input type="checkbox"/> Glass: No structural cracks | <input type="checkbox"/> Rear View Mirror firmly mounted |
| <input type="checkbox"/> Brake Pedal: Firm and high | <input type="checkbox"/> Windshield Wipers | <input type="checkbox"/> Steering: No excessive play in wheel |
| <input type="checkbox"/> Factory Seat Belts or 5-6 Point Harnesses: No excessive fraying or cuts of any kind | | |

Underbody/Suspension

No excessive leakage of any vehicle fluid. All suspension, steering, and brake systems should be checked for excessive wear, play, fittings and attachment points. Tires should not rub against the car. Check off the following:

- | | | |
|--|---|---|
| <input type="checkbox"/> Tie Rod Ends | <input type="checkbox"/> Steering Linkage/Rack | <input type="checkbox"/> Shock Absorbers/Struts |
| <input type="checkbox"/> Ball Joints | <input type="checkbox"/> Wheel Bearings | <input type="checkbox"/> Suspension Mounts |
| <input type="checkbox"/> Brake Calipers | <input type="checkbox"/> Brake Pads (8 mm min.) | <input type="checkbox"/> Brake Lines |
| <input type="checkbox"/> CV Joints & Boots | <input type="checkbox"/> Motor Mounts | <input type="checkbox"/> Exhaust components and mounts |
| <input type="checkbox"/> Fuel Lines | <input type="checkbox"/> Wheel Rims | <input type="checkbox"/> Tires (If designated for next event) |

Vehicle Exterior

Vehicle exterior should be in good mechanical condition. Body panels (incl. fender linings) should be firmly secured.

- | | | |
|--|--|--|
| <input type="checkbox"/> Brake Lights: Working | <input type="checkbox"/> Fluid Leaks | <input type="checkbox"/> Exterior Mirror(s) |
| <input type="checkbox"/> Panels & Trim secured | <input type="checkbox"/> Gas Cap tight | <input type="checkbox"/> Removable top mounting secure |

Engine Bay & Trunk

No excessive fluid leakage of any sort. Any coolant leakage should be addressed before tech approval. All belts, hoses, and fittings (electrical and fluid) should be in excellent condition and secure. N₂O System must be EMPTY and disabled.

- | | | |
|--|--|---|
| <input type="checkbox"/> Battery & Harnesses: Secure | <input type="checkbox"/> Brake Fluid flush <90days | <input type="checkbox"/> Throttle Linkage |
| <input type="checkbox"/> Fuel Lines | <input type="checkbox"/> Belts & Hoses | <input type="checkbox"/> Exhaust Header |

Personal Safety: Driving School Requirements

- Helmet: SNELL SA2010 minimum rating is required for all drivers/passengers.
- Seat Belts/Harnesses: All belts, seats, and passive restraint systems must be in good to excellent condition. Equal restraint systems required for driver and passenger of one of the following types:
 1. Factory original lap and shoulder belt system with functional retracting and latching system.
 2. Aftermarket DOT (FMVSS 209) Labeled 3 or 4 point systems with documentation of the make/model certification with installation instructions or guide.
 3. SFI 16.1 or FIA, 5 or 6-point competition harnesses installed in compliance with the current year SCCA GCR. Harnesses must have no excessive fraying or cuts of any kind.

Equal protection must be provided for both driver and passenger. This applies to both existing and added safety equipment, such as seats, harnesses, roll bar/cage padding, etc.

Cars with roll bars (All convertibles must have a roll bar unless included on exempted list below.)

- Minimum 4 point SCCA Time Trial and Hill Climb rules or higher). Roll bar construction must be verified.

Tubing Outside Diameter _____ Wall Thickness _____ Vehicle Weight _____

- Broomstick Test: With driver seated, helmet on, must clear under a straight edge placed from the top of the windshield to the top of the roll bar.
- High Density roll bar padding is required at any possible contact point of the driver's or passenger's head. (Assume a 6 inch deflection of seat/restraints.)
- Arm restraints are required for driver and passenger for convertible vehicles.

Convertible vehicle roll-bar exempt vehicles

These vehicles are exempt from the roll bar requirement because the factory roll over protection has been deemed structurally sound and appropriate for high speed events (though not for competition events). **Drivers and passengers must still pass the broomstick test.**

- 2012-2016 Porsche Boxster ('981' model)
- 2005-2011 Porsche Boxster ('987' model)
- 1997-2004 Porsche Boxster ('986' model) with installed Brey- Krause hoop extension only

Conditional driver's school items to be verified at the event:

I (vehicle owner/driver) certify that the above inspection has been conducted according to the guidelines set forth in the current SCCA General Competition Rules (Time Trial) or THSCC Technical Specifications Guide and that all deficiencies have been corrected (conditional items to be corrected before the event). I understand that I, and I alone, am liable for the condition and suitability of the vehicle listed for participation in this event. I release the inspector, grid inspector, Tarheel Sports Car Club, Inc., their members, officers, servants, agents or employees from any liability arising from a failure of this vehicle for any reason, including failure of items listed on this inspection form.

Vehicle Owner/Driver Signature _____ Date _____

Inspected By: _____ Date _____

Facility / Shop: _____ Title _____

[Please place shop stamp or attach business card here, if applicable]