

**Triangle Z Club & Tarheel Sports Car Club
High Performance Driving School and Time Trial Series**

Annual Technical Inspection Form V5

The Tarheel Sports Car Club, Triangle Z Club, and Mid Atlantic Alfa Romeo Owners Club utilize this annual technical inspection form to help insure all cars participating in our events are safe. Only vehicles participating in the Time Trial must conform to the additional Time Trial safety requirements. Each car must be inspected by a qualified shop (not you!) once a year. A copy of this completed and signed form should remain with the car the original submitted at registration of the first event attended for the current season. Vehicles having a current Competition Logbook issued by any of the nationally recognized sanctioning bodies do not need this form, provided the Logbook is current and presented at registration. After reviewing this form, our event tech staff will issue a current Tech sticker, which will be valid for all THSCC/TZC/MAAROC driving schools and Time Trials for the current season. Triangle Z Club, Tarheel Sports Car Club and MARROC reserve the right to refuse entry for any item we deem unsafe.

To participate in our driving schools and/or time trial, at least one of the following is required:

- 1) A current THSCC annual inspection sticker and signed Event Safety Checklist.
- 2) A current national sanctioning body Vehicle Log Book (i.e. SCCA, BMWCCA, SVRA, EMRA, PDC, NASA, etc.)
- 3) An annual technical inspection form (this form) completed and signed by a qualified shop and presented at registration

Driver #1 _____ Driver #2 _____
Auto Make _____ Model _____ Year _____ Number _____

Vehicle Interior

- | | | |
|---|--|--|
| <input type="checkbox"/> Throttle Linkage: Not Sticking | <input type="checkbox"/> Glass | <input type="checkbox"/> Rear View Mirror |
| <input type="checkbox"/> Brake Peddle: Firm | <input type="checkbox"/> Windshield Wipers | <input type="checkbox"/> Steering: No excessive play |

Underbody/Suspension

- | | | |
|--|--|---|
| <input type="checkbox"/> Brake Pads (1/4" minimum) | <input type="checkbox"/> Steering Linkage/Rack | <input type="checkbox"/> Shock Absorbers/Struts |
| <input type="checkbox"/> Tie Rod Ends | <input type="checkbox"/> Ball Joints | <input type="checkbox"/> Tires |
| <input type="checkbox"/> Wheel Rims | <input type="checkbox"/> Brake Calipers | <input type="checkbox"/> Brake Lines |
| <input type="checkbox"/> Fuel Lines | <input type="checkbox"/> Suspension Mounts | <input type="checkbox"/> Wheel Bearings |
| <input type="checkbox"/> CV Joints & Boots | <input type="checkbox"/> Motor Mounts | <input type="checkbox"/> Exhaust |

Vehicle Exterior

- | | | |
|--|--------------------------------------|--|
| <input type="checkbox"/> Brake Lights | <input type="checkbox"/> Fluid Leaks | <input type="checkbox"/> Exterior Mirror/s |
| <input type="checkbox"/> Panels & Trim | <input type="checkbox"/> Gas Cap | <input type="checkbox"/> Tire Pressures |

Engine Bay & Trunk

- | | | |
|---|--|---|
| <input type="checkbox"/> Battery & Harnesses | <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 Headers |
| <input type="checkbox"/> NOS (if equipped) Bottle empty/removed | | |

Personal Safety: Driving School

Seat Belts/Harnesses: Equal restraint systems required for driver and passenger of one of the following types. All Belts/Harnesses, hardware, retractors, and mounts must be in in good condition, no evidence of fraying, tearing, environmental damage.

1. Factory Original lap and shoulder belt system in good condition with functional retracting and latching systems.
2. Aftermarket DOT (FMVSS 209) Labeled 3 or 4 systems with documentation of the make/model of both the Vehicle and Seat certified 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 (Section 20). Harnesses must not be more than 5 years old as stated on the SFI or FIA certification label.
4. Equal protection must be provided for both driver and passenger. This applies to both existing and added safety equipment, such as seats, harnesses, rollbar/cage padding, etc.

Helmet: SNELL SA2000 minimum rating is required.

Convertible Cars ONLY: 4 pt SCCA Time Trial/Hill Climb spec. (SCCA Time Trial Rules Appendix J)

Tubing Diameter _____ Wall Thickness _____ Vehicle Weight _____

Adequate SFI rated High Density roll bar padding at any possible contact point of the drivers or passengers head.

Convertible Cars ONLY: Arm Restraints for Driver and passenger.

Personal Safety: Time Trial (Only)

SFI 16.1 or FIA 5 or 6 point Competition Harnesses. Installed in compliance with the current year SCCA GCR (Section 20).

1. Harnesses, hardware and mounts must be in good condition, no evidence of fraying, tearing, or environmental damage.
2. Harnesses must be installed in compliance with the current year SCCA GCR (Section 20).
3. Harnesses must not me more than 5 years old as stated on the SFI or FIA certification label.

4 point Roll Bar constructed and installed per SCCA TimeTrial/Hill Climb specs as stated in the current year SCCA Time Trial Rules Appendix J.

Tubing Diameter _____ Wall Thickness _____ Vehicle Weight _____

Roll Cage: Optional: Must to conform to SCCA GCR section 18.1, 18.2, 18.3 as applicable to class or category or another national recognized sanctioning body applicable to the class and category of the vehicle.

Adequate padding at all possible contact points for driver and passenger and SFI rated High Density padding at any possible contact point of the drivers or passengers head.

SNELL SA00 rated (or higher) helmet.

Fire extinguisher: metal-to-metal mount, within drivers reach. Must conform to SCCA GCR 17.22.2

Convertible Cars only: Arm restraints for driver and passenger.

Car numbers and class designations at least 8" high all conflicting designations removed.

Series Sponsor decals where applicable

Transponder present

Exception Items to be verified at the event:

I certify that the above inspection has been conducted according to the guidelines set forth in the current SCCA General Competition Rules or THSCC Technical Specifications Guide and that all deficiencies have been corrected. I understand that I, and I alone, are liable for the condition and suitability of the vehicle listed for participation in this event. I release the inspector, grid inspector, Triangle Z Club, THSCC, MARRC, members, officers, or employees for any liability arising from a failure of this vehicle for any reason, including failure of items listed on this inspection form.

Driver # 1 _____ Driver #2 _____ Date _____

Inspected By: _____ Date _____
Facility/Shop: _____ Title _____

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Day of Event Safety Checklist V 4.0

This day of event safety checklist is the final check of the vehicle before it will be driven on track. This checklist is to be performed, signed by the student, and collected upon arrival at the grid in order for the vehicle to be allowed on the track. Refer to the published event specific information regarding any changes to the “grid check” procedures. This check must be performed in addition to having an Annual Safety Inspection. It is recommended all students perform these checks before each track session daily.

Important: Always torque the vehicles wheel bolts or nuts before each track session. The Tech Crew can perform this for you as needed. If your car has lug nuts other than standard 17mm, 19mm or 13/16”, then please have the necessary ½” drive socket with you. Know the required torque specification

- Wheel Fasteners:* torque to manufactures specifications or 90ft lbs none missing, wheel locks removed.
- Hub Caps/wheel trim/plastic caps:* Remove
- Brake lights:* all working
- Brake Fluid:* fresh (equal or less than 90 days old), clean, full, & cap tight.
- Brake Pedal:* Firm and high.
- Battery* Secure per OEM or metal clamps, brackets, and/or straps.
- All lose items removed* from the interior, trunk, glove box, and other storage compartments
- Special accessories (cameras, etc) securely mounted.*
- Car Numbers* on both sides of car at least 8” high contrasting colors
- Car Numbers, Class, & Series sponsor decals* on Time Trial entries, conflicting designations removed or covered.
- Clothing:* cotton, wool, natural fiber, or fire resistant material, long sleeve, long pants, laced up leather shoes.
- Helmet:* Snell SA00 or better mandatory for the Driving School. Place Yellow Tech sticker on lower left side of helmet
- Tires:* Good condition, absolutely no cords showing, type suitable for current track conditions
- Tire Pressure:* Adjusted for track driving: consult tire manufactures or owners manual.
- Annual Tech Sticker:* in place lower left windshield.
- Run group sticker:* in place top center of windshield.

I certify that the above inspection has been conducted according to the guidelines set forth and that all deficiencies have been corrected. I understand that I, and I alone, are liable for the condition and suitability of the vehicle listed for participation in this event. I release the inspector, grid inspector, Triangle Z Club, THSCC, MARRC, members, officers, or employees for any liability arising from a failure of this vehicle for any reason, including failure of items listed on this inspection form.

Driver #1 _____ Driver #2 _____ Date _____
Car Number _____ Run Group _____

