

COLONIAL CHALLENGE CUP, INC

TECHNICAL INSPECTION & GENERAL RULES

The event is intended to provide a safe environment in which to experience the thrill of driving at speed. Students will receive both classroom and in-car instruction on ocular driving, skid control, and cornering techniques.

Vehicle Eligibility

1. Street cars (race cars will be accepted at discretion of event coordinators).
2. Driver's and passenger's seat must provide identical protection, including seat belts and roll bar padding.

General Rules

1. Cars will be tech inspected for safety.
2. Helmets required. Any DOT-approved motorsports helmet is acceptable.
3. Participants should keep safety equipment in proportion to performance modifications.
4. Gate opens at 7:30 am.
5. **Everyone must attend the driver's meeting**

General guidelines: It is highly recommended and encouraged that you have an independent inspection performed on your vehicle by a qualified technician or mechanic as close as possible to CCC Track Day. The purpose of the inspection is to assure that all vehicles permitted on the track are safe to operate at speed. Your vehicle will be inspected at the track for the items listed below to ensure the general safety of all vehicles entering the track. However, this inspection is by no means comprehensive or an assurance that your vehicle is track safe or track approved. **It is your responsibility to ensure that your vehicle is safe to operate under the conditions of a lapping event.** Participants should keep safety equipment in proportion with performance modifications.

Technical Inspection will be conducted within the following guidelines:

Under Hood

- ☐ Oil
- ☐ Transmission fluid
- ☐ Differential fluid
- ☐ Brake fluid; should be full and reasonably fresh, modified cars should consider high temperature fluid. (As brake fluid ages, it absorbs moisture and loses its ability to withstand higher temperatures. As the fluid temperature rises during repeated heavy braking, it can begin to boil causing air bubbles in the system. The result is a soft brake pedal and the inability to slow down! For performance driving, higher temperature fluid is recommended.)
- ☐ Coolant
- ☐ Hoses
- ☐ Belts
- ☐ Any leaking fluids (A leak is defined as something visibly dripping.)
- ☐ Radiator should be in good condition
- ☐ Throttle linkage should operate freely with positive return pressure
- ☐ Battery secured
- ☐ Washer fluid is a nice plus!

Passenger compartment

- ☐ Passenger seat
- ☐ Safety restraint for driver and equivalent for passenger (includes seat belts, seat, and roll bar padding, if fitted). **Note:** Seat belts must be DOT approved 3-point minimum. Racing style 4, 5, 6 point belts may be used providing an equivalent system is available for the passenger.
- ☐ No window nets!
- ☐ No loose objects including large speakers! Speakers and amplifiers must be mounted securely and will be checked at the track. Make sure to check door pockets and seat compartment for loose objects.
- ☐ Remove floor mats
- ☐ Clean glass is also a plus!

Suspension, wheels, and tires

- ☐ Shocks / struts should work properly without leaking
- ☐ Springs — check for cracked or broken coils or leaves
- ☐ Secure all suspension bolts. **Note:** Every bolt has a torque spec
- ☐ Wheel bearings
- ☐ Ball joints
- ☐ No excessive play in steering linkage
- ☐ Wheel alignment
- ☐ DOT-approved tires only. Tires showing cord or worn down to the secondary layer of rubber are not acceptable.
- ☐ Wheels should be secured and free of cracks.

Brakes

- ☐ Pads with plenty of material
- ☐ A hard stop should not result in severe vibration
- ☐ All cars will benefit from performance pads
- ☐ Modified cars should consider total brake system upgrades
- ☐ Feel free to ask for advice from experienced participants

Trunk

- ☐ No loose items — spare tire can remain provided it is secure

General

- ☐ Car must have functioning headlights and brake lights
- ☐ Exhaust must be mounted securely and sealed
- ☐ Must have an interior and a side mirror
- ☐ Video cameras must be mounted securely and utilize a separate non-elastic strap

Note: The Technical Inspection chief mechanic has complete discretion to refuse any vehicle eligibility to participate in the CCC Track Day event for any reason in addition to the above, if he determines at his sole discretion that the vehicle is unsafe. There will be no refunds.