



Technical Inspection Form

Cars must be inspected by a technician or service facility no sooner than two weeks prior to the event. You must bring this completed for the first day's grid tech at the track. We cannot perform a full technical inspection at the track. **All** cars must get grid inspected each day of event.

Driver #1 _____ Driver #2 _____

Car Model _____ Year _____ Color _____ Number _____

Interior, Under hood

- Brake Fluid:** Clean, DOT $\frac{3}{4}$ Fluid less than three months old; DOT 5 Acceptable, reservoir full
- Brake Pedal:** Firm
- Brake Lights:** all working
- Wheel Bearings:** Tight, not binding
- Battery:** Securely Mounted; Caps tight **Belts:** Good condition, no cracks
- Fuel Lines:** no leaks, good condition.
- Throttle Linkage:** no sticking or sloppiness
- Engine Hoses and wires:** Good condition, secure.
- Engine Mounts:** No cracks or distortions
- No oil leaks in engine compartment**
- Glass:** no severe cracks or scratches
- Mirrors:** left-hand exterior and inside rear-view mirror
- Windshield wipers:** working, good condition
- Steering:** no excessive play at wheel, power steering pump not leaking.
- Fire Extinguisher (optional):** metal-to-metal mounted

Inspect the following with car on lift, wheels removed

- Tires:** 2/32" Thread Minimum; no excessive wear pattern or sidewall cuts; H, V or Z speed rated recommended; speed rating must be equal to OE specifications
- Wheels:** not bent; no cracks
- Brakes:** Calipers clean and dry ; hose and lines dry and in good condition.
- Brake Pads/ Shoes:** minimum $\frac{1}{4}$ " Thickness
- Tie rod ends:** Tight
- Shock Absorbers:** Firm; no leaks; securely mounted

- Suspension location points:** no cracks or excessive rust
- Engine/ Transmission/ Oil lines:** no leaks
- Exhaust:** Muffler requested; no undercar leaks; pipes must extend 1" minimum beyond bodywork at rear or side of car (*Note: vehicles without noise suppression may be restricted to certain run groups/ times if sound level interferes with school operation*)
- CV Joints:** no grease seepage or looseness
- Rear Wheel Bearings:** No leaks

Unusual Conditions/ Modifications

Personal Safety

- Seat belts and shoulder harnesses:** required on both fronts seats; properly mounted 5 and 6 point harness recommended but not required; any aftermarket harness must have anti-submarine belt; no four point harness of any description permitted
- OPEN CARS ONLY** (except targas; t-tops) 4 point roll bar **required** roll bar mounting points must meet SCCA Solo I specifications; cross bracing strongly recommended; arm restraints and 5- 6 point harnesses (driver and passenger **required** for intermediate/ advanced students
- Roll Bar:** Adequate padding **required** on all roll bar/ cage installations at any possible points of contact with driver and front passenger

Comments

Grid Technical Inspection (at track)

IMPORTANT: Please have your car fully unloaded and ready for the track prior to entering the grid tech line. If your car's lug nuts are other than 17mm, 19mm, or 13/16," please have appropriate ½" drive socket available.

- All deficiencies noted above corrected**
- Seat Belts:** OE acceptable/ proper aftermarket installation
- Front and Rear glass:** Clean and unobstructed
- Brake Fluid:** Clean; reservoir full; tight cap
- Brake Lights:** all working
- Wheel Bearings:** tight
- Tire Pressure:** Adjusted for track conditions

- Lug Nuts:** none missing; tightened to manufacturer's specified torque; wheel locks removed
- Hub Caps:** Removed
- Gas Cap:** Tight
- All loose items removed from car's trunk and interior; glove box locked or all items removed**
- Special accessories (cameras, g analyst, etc):** Securely Installed
- Car numbers:** On both sides of car in contrasting color; at least 6" high (8" requested)
- Helmet:** Snell M90 or SA90 (or later) sticker required
- Clothing:** Natural Fibers (wool, cotton) or fire- resistant material; long sleeves and long pants; lace up rubber soled shoes

Grid Inspection by: _____

I certify that the above inspection has been conducted in accordance to the guidelines set forth and that all deficiencies marked have been corrected. 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, and Car Guys, Inc., from any liability arising from the failure of this vehicle for any reason, including failure of the items listed on this inspection form.

Driver #1 _____ (Date) Driver #2 _____ (Date)

AFTER GRID INSPECTION, TAKE THIS FORM TO THE REGISTRATION AREA FOR YOUR RUN GROUP ASSIGNMENT