

NCRC ANNUAL TECHNICAL INSPECTION FORM



Annual Technical Inspection provides NCRC members the ability to register this tech form once for the year. The inspector must still perform an inspection prior to each event. The owner may do the inspection or have a qualified mechanic perform it. Individual inspection forms do not need to be brought to the track. eMail completed form to dave@ncracing.org

Driver: _____

Car: Model: _____ "Ygct<" "Ear #:" _____

Inspector: Evaluate car for suitability for high-speed driving and maneuvering on a race track. Evaluation to include, but not limited to inspection of at least the items shown below. Enter (or click) in box if item passes. With the possible exception of brake pad/shoes, inspection should be done to extent possible by visual examination without disassembly.

Technical

- | | |
|---|--|
| <input type="checkbox"/> Tire wear above tread markers, correct speed rating | <input type="checkbox"/> Gas cap secured |
| <input type="checkbox"/> Lug nuts present and tight ¹ | <input type="checkbox"/> No exposed electrical wires |
| <input type="checkbox"/> No pressed on hubcaps or beauty rings | <input type="checkbox"/> Sound exhaust with no leaks ³ |
| <input type="checkbox"/> Wheels must have no sign of cracks or structural damage | <input type="checkbox"/> Seat bolted in tight |
| <input type="checkbox"/> Over 1/2 thickness on brake pads/shoes | <input type="checkbox"/> Battery bolted down with 2 bolts |
| <input type="checkbox"/> Brake rotors must not have any cracks ² | <input type="checkbox"/> No fluid leaks (oil, fuel, water) |
| <input type="checkbox"/> Firm brake pedal | <input type="checkbox"/> Catch container on radiator overflow |
| <input type="checkbox"/> Clean brake fluid, changed within 6 months, reservoir full | <input type="checkbox"/> Throttle has two return springs |
| <input type="checkbox"/> Crack-free flexible brake lines | <input type="checkbox"/> No project cars - body has no loose panels, large dents, rust or large unpainted/primered areas |
| <input type="checkbox"/> Brake lights functional | <input type="checkbox"/> Sunroofs must be closed or removed |
| <input type="checkbox"/> Wheel bearings tight with no play | <input type="checkbox"/> At least one rear-view mirror must be present |
| <input type="checkbox"/> Factory tow hook installed | <input type="checkbox"/> Intake/exhaust sound limits met ³ |
| <input type="checkbox"/> Minimum steering play | |

Safety

- | | |
|---|---|
| <input type="checkbox"/> Good 3, 4 or 5 point seat belts | <input type="checkbox"/> Snell 00 or newer helmet ⁵ |
| <input type="checkbox"/> Good headrest | <input type="checkbox"/> 2.5lb fire extinguisher recommended, metal mount bracket |
| <input type="checkbox"/> Good door and window latches | <input type="checkbox"/> Cotton shirt and full length pants ⁶ |
| <input type="checkbox"/> All open cars must meet broomstick test ⁴ | <input type="checkbox"/> No loose objects in car or trunk ⁷ |
| <input type="checkbox"/> Glass headlights must be taped | <input type="checkbox"/> Car must have numbers displayed on both sides, 8" tall |

Comments: _____

By signing this Annual Tech Inspection form, I agree that I will perform an inspection of my car prior to each event.

Inspector Signature: _____ Date: _____
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Printed Name: _____ Valid for one year from above date

¹ Typical lug nut tightness is 75-95ft-lbs, check with your wheel manufacturer for specs
² Minimal hairline cracks in rotors are normal, but should not open or extend to the edge of the rotor
³ Drivers must be aware of, and meet track-specific rules on mufflers and sound levels - Sound limits 103db at Infineon and Thunderhill, 92 at Laguna
⁴ Open cars include convertibles, purpose-built race cars without tops, roadsters, etc. Legal rollbars include SCCA-approved bars as well as NHRA bars. Factory "hoops" or "pop-ups" behind seats in convertibles must meet broomstick test Decorative bars are not approved.
⁵ Legal helmets include Snell SA2000, M2000. Helmets showing damage or missing a Snell sticker or 'shorty helmets' will not be approved
⁶ Faster cars should consider full fire-retardant driving suits; all drivers should strongly consider driving gloves and shoes.
⁷ Loose objects include handheld cameras (must have correct mount and safety strap), cell phones, radar detectors, tools, spare tire, jack, etc and cannot be in cab, trunk, glove box, etc