



Vehicle Tech Card

- Loose Items Removed
- Pedal Operation
- Floor Mats Removed
- Seats & Seatbelts Secured
- Throttle Return
- Exhaust Exit Behind Driver
- Cameras Secured

Tires & Wheels

- Tread Depth
- Lugs Present
- Lug Nuts Tight
- Wheels (Cracks, Spokes)
- Hubcaps/Trim Rings (If Applicable)
- Fender Skirts (If Applicable)

Excessive Leaks

- Oil
- Water
- Fuel
- Brake Fluid

Battery

- Secured Down
- Insulated "HOT" Terminal

Helmet

- SA2005/M2005/SAH2005 or Newer
- Condition

Tech Inspection Requirements (as copied from the 2017 SCCA Rule Book):

1. All loose items, inside and outside the car, must be removed. Hand held items, such as but not limited to, cameras and cell phones are considered loose items.
2. Pedal operation must not be impeded. Driver's side floor mat must be removed unless securely mounted. OE fasteners designed to prevent the mat from moving forward satisfy this requirement if they are in good working order.
3. Passenger's seat back and all cushions, bolsters, headrests, etc. must be secured. All allowed aftermarket replacement seats (i.e., driver and passenger) must be securely and safely mounted. Special care should be taken when using other than OE mounting points and/or fabricated bracketry.
4. Any cameras, if installed, must be securely mounted to withstand loads from driving maneuvers. The camera may be installed either inside or on the outside of the car. In either case, its mounting method and position must not interfere with driving or pose an additional hazard to driver, passenger, or course workers.
5. Snap-on hubcaps, detachable fender skirts, and trim rings must be removed.
6. Wheels must be safely affixed. They shall not be reversed so that the lughole taper does not mate with the chamfer of the lugs. All studs and lug nuts must be present and functional.
7. Tires must be in good condition, with no cord or belts showing or cracks in the tread or sidewall. Each tire must have measurable (i.e., exhibiting positive measurement values) tread depth at no less than two points on the tire which are 180° apart around the circumference, and which are within the center one-half of the tread surface that normally contacts the ground. Tires may not have cord visible at the start of competition.
8. Seat belts (and harnesses if used) must be properly installed with attaching hardware, in good condition, secure, tight, and in compliance with Section 3.3.1.
9. Throttle return action shall be safe and positive.
10. No excessive fuel, oil, water, or brake fluid leaks should be observed. For all Prepared and Modified category vehicles, engine crankcase vents and radiator overflow/breather lines must terminate in containers of at least one quart capacity. These containers cannot be vented into the driver/passenger compartment. Crankcase, oiling system, breather, or catch tank evacuation systems that are in any way connected to the exhaust system are prohibited. Vent tanks are not required with systems which are completely closed (i.e., have no venting to the atmosphere). All oil lines passing through the driver/passenger compartment shall be made of metal braided hose or equivalent (e.g., Nomex, Kevlar, or nylon-braided hose) with AN Series threaded couplings or entirely covered and protected with a metal cover (this does not apply to the small oil lines used for mechanical oiling system gauges).
11. Steering "spinner" knobs shall not be permitted.
12. No broken or missing spokes or more than one loose spoke per wheel shall be permitted in wire wheels. No cracks shall be permitted in disc or cast wheels. Other than standard parts as defined by these rules, non-metallic wheel construction is prohibited (FSAE cars are exempt from this requirement since the FSAE rules allow non-metallic wheels).
13. Brakes must have an adequate pedal, sufficient fluid in the master cylinder, and no apparent hydraulic leaks under pressure. Vehicles must have a brake mechanism acting upon each wheel. The braking system shall be a dual system, arranged in a manner to provide braking for at 32 — 2017 SCCA® National Solo® Rules 3. Vehicles least two wheels in the event of failure in part of the system. In the case of OE single systems, this requirement may be satisfied by a functional, redundant emergency brake. Karts are exempt from this requirement.
14. All swing axle cars, except Porsche, must have a camber compensator, have negative camber on the rear wheels, or have axle-limiting straps. Standard pre-1967 Volkswagen straps are not sufficient.
15. Wheel bearings, shocks, steering, and suspension shall be in good operating condition.
16. Exhaust must exit behind the driver or exit to the side of the car.
17. On-board starters shall be provided.
18. All batteries (on-board power supplies) shall be attached securely to the frame or chassis structure, independent of any container or cover that may be present. Any wet-cell battery moved from the manufacturer's original location shall be in a non-conductive, marine-type container or equivalent and the "hot" terminal shall be insulated. NOTE: This will allow the use of gel cell or dry cell (AGM) batteries without a non-conductive, marine-type container where applicable.
19. Roll bars, if installed, must meet the applicable portions of Section 3.3.2 and Appendix C with specific attention to roll bar height.
20. Helmets for all occupants of the vehicle are to be inspected for condition, fit, and compliance with Section 4.3.1, Driver's Safety Equipment, Helmets. \
 - a. All helmets meeting the latest or two immediately preceding Snell Foundation standards (SA2015, SA2010, SAH2010, SA2005, M2015, M2010, M2005, K2015, K2010, K2005); SFI standards 31.1, 41.1, 31.1A, 31.2A, 41.1A, 41.2A; ECE R22.05; FIA standards 8859-2015, 8860-2010, 8860-2004; or British spec BS6658-85 type A are acceptable.
21. Flex fans are not allowed.
22. Alcohol may not be used in manifold injection or spray bottles unless it is specified for this use by the OEM.
23. For cars competing on non-DOT-approved tires, the vehicle safety requirements as referenced in each category rule set, in addition to those in Mandatory Sections of the Solo® Rules, shall be adhered to by all entrants.
24. A vehicle must meet the requirements of Section 3.3.2 as they apply to all categories in which it is entered.
25. For all karts, chain guards are required on engines.
26. For all karts, a "brake safety cable" or redundant brake pedal connection is required.