



RACE CAR ANNUAL TECHNICAL INSPECTION GUIDE

This guide is intended to provide a helpful checklist of items that will be reviewed for a car's annual tech inspection so that competitors may be better prepared and help speed the process along. It is NOT intended to answer questions regarding compliance. For complete details regarding technical compliance, please refer to the NASA CCR.

VEHICLE EXTERIOR

- 50/50 appearance
- NASA decals, all four corners
- Extinguisher decal
- Electrical cutoff decal
- Side numbers, 10" tall x 1.5" stroke
- Front and rear numbers, 4" tall
- Class decals
- Brake lights
- Tail lights
- Head lights
- Door handles
- Driveshaft loop
- Windshield clips
- Condition of windows
- Muffler exit
- Tow hooks, front and rear

ENGINE COMPARTMENT

- Clean
- Coolant overflow
- Oil overflow
- No antifreeze in cooling system
- No fluid leaks
- Battery secured
- Battery positive terminal covered
- Starter positive terminal covered
- No loose wires
- Condition of hoses
- No firewall holes
- Brake fluid level/condition
- Engine mounts
- Operation of hood release/pins

ROLL CAGE

- Cage number stamped _____
- Main hoop 1 piece, 4 bends max
- Rear down tubes not bent
- Door bars: 2 driver, 1 passenger
- Diagonal bar
- All mandrel bends
- Mounting plates
- 360 welds on required bars
- Three 3/16" inspection holes
- General condition
- Padding on contact areas
- Broomstick test - open cars

DRIVER COMPARTMENT

- Rearview mirrors
- Electrical wires neat, none bare
- No holes in floor
- Electrical cutoff switch function
- Cutoff switch terminals covered
- Ballast mounting
- Ballast backing plates
- Steering wheel lock disabled
- Steering quick disconnect
- Camera mount; 1 bolt & tether min.
- Radio mount secure
- Fluid hoses metal or steel braided
- Air bags disabled
- Interior door release mechanism
- No loose objects

DRIVER SEAT

- Back brace for non-FIA seats or FIA seats older than 5 years
- Back brace load spread
- FIA composite seat 8855-1999
- FIA date of manufacture _____
- Mounting
- Padding
- Head restraint integral with seat
- Right side driver net

HARNESSES

- SFI 16.1 or 16.5 manufacture date less than two years old
- FIA expiration date on belts
- Mounting points
- Backing plates
- Condition of webbing
- Shoulder belt mounting no more than 20 degrees from horizontal
- Lap belt mounting
- Submarine belt mounting
- HANS device mounting
- Harnesses threaded three times
- 3 bar adjuster location
- Safety clips

DRIVER EMERGENCY EXIT TIME

- Exit within 10 seconds starting in as-raced condition

WINDOW NET

- Expiration date less than 5 years
- Release top front down
- Mounting points on cage
- Condition of webbing

FIRE SYSTEM

- Control within drivers reach
- 5 lb minimum, full
- AFFF/Halon 1301/1211
- Nozzles in driver compartment
- Nozzles in engine bay
- Backing plates on mounting bracket
- Mounting bracket bolted in

HAND EXTINGUISHER

- Within driver's reach
- 2 lb minimum ABC, full
- Metal mounting plate/bracket
- Mounting bracket bolted in

FUEL TANK / CELL

- Cell manufacture date _____
- Cell FIA FT-3
- Cell foam condition
- Cell vent operational
- Cell flapper valve
- Cell drain hole
- Cell inspection date _____
- Mounting
- General condition
- Filler cap secure

DRIVER GEAR AND EQUIPMENT

- NASA patch on suit
- Suit rated SFT 3.2/A1, FIA 8856-2000, FIA 8856-1986, or FIA NORME 1986/1986
- Helmet rated SA2000, SFI 31.1A, 31.2A, 31.1/2005, FIA 8860-2004
- Shoes rated SFI/FIA, no holes
- Gloves rated SFI/FIA, no holes
- Fire resistant underwear
- Fire resistant socks
- Fire resistant balaclava
- Head and neck restraint system rated SFI 38.1 after 6.2.2008

ITEMS NEEDING ADDRESSED: