

2009 TECHNICAL INSPECTION FORM: LATE MODELS

Competing Model:

- ____ 1992 through 2009 American made passenger car
- ____ 101" minimum wheelbase

Bodies:

- ____ Stock appearance, no slab type bodies
- ____ Interior fully enclosed with steel around the driver
- ____ Body is in good condition and complete
- ____ 1/8" Lexan windshield
- ____ 3 braces inside front windshield
- ____ Braces front center window braces to dash, rear window brace to interior
- ____ 2 rear window braces (INSIDE AND OUT)
- ____ All 4 corners of roof must be mounted to roll cage
- ____ All wheel openings will need support front and back
- ____ Roof is a minimum height of 47" measured 10" back from windshield
- ____ Rear quarter height - Left 33 1/2 to 34 1/2 - Right 34 1/2 to 35 1/2
- ____ Bumpers must be enclosed within body
- ____ Hood pins: 4 at front, 4 at rear minimum
- ____ Metal lip must be attached to front of nose for hood, 1-1 1/2" wide
- ____ Hood scoop 4" maximum & rearward facing only hood - 2 1/2" opening.

Radios:

- ____ MANDATORY!
- ____ Independent of car's electrical system

Added Car Weight (ballast)

- ____ Weights securely bolted down
- ____ Weights painted white
- ____ Car number must be painted on weight

Spoilers:

- ____ 6-1/2" maximum height and top 4" must be Lexan
- ____ Minimum spoiler angle 70 degrees. 4 braces from spoiler to bumper,
- ____ 4 braces from bumper to frame. No wickers.

Door Safety Nets:

- ____ 3/4" webbing with quick release latch on top

Numbering and Identification:

- ____ 18" minimum height car numbers on doors
- ____ 24" minimum height car number on roof
- ____ 4" minimum height car numbers on front & rear bumpers

Frames and Suspension:

- ____ All welds complete and in good condition
- ____ Shock stubs have only holes produced by the manufacturer
- ____ One shock and spring per wheel
- ____ All bolts are keyed, have locknuts or are double-nutted

Roll Cage:

- ____ Roll cage configuration consistent with NASCAR rules
- ____ Bars within drivers reach are padded. HIGH DENSITY
- ____ 4 driver side door bars plated with 1/8" steel
- ____ 2 door bars on passenger side minimum

Seat:

- ____ Full containment seat, L & R head, shoulder and leg supports

Seat Belts & Harness:

- ____ Lap belt 3" wide and shoulder belts 2" minimum width
- ____ Anti-submarine belt
- ____ Belts manufactured after December 2006

Fire Control:

- ____ Fully charged fire system (on board) mounted securely

Fuel and Fuel Systems:

- ____ Race Gas only - No methanol, nitro, nitrous oxide
- ____ If electrical fuel pump - has oil pressure switch shutoff
- ____ All fuel lines made of steel or braided construction
- ____ Fuel cell has internal bladder & foam
- ____ Cell enclosed in 22-gauge steel
- ____ Cell mounted w/ 3 tubes on bottom, 4 tubes on top
- ____ Cell has vent and rollover valve
- ____ 1/8 steel plate in front of and behind fuel cell
- ____ Filter is made of metal - no glass or plastic
- ____ Cell mounted no less than 9" from ground

Electrical Systems:

- ____ No adjustable timing devices in driver's compartment
- ____ Battery securely mounted outside driver's compartment
- ____ Master shut-off switch clearly marked
- ____ No computers, traction control, recording devices, no mags

Mufflers:

- ____ 96 db maximum (CNS MANDATORY)

Tires:

- ____ USLMA Approved
- ____ Balancing tires for PPIR, Wheel weights must be glued.
- ____ No tire softeners

Wheels:

- ____ Racing wheels only, Steel, 10" wide

Cooling System:

- ____ Radiator in front of engine
- ____ Overflow catch can with minimum 1/2 gallon capacity
- ____ No antifreeze

Engines:

- ____ Cast iron block
- ____ GM cylinder head with no less than 20 degree valve angle
- ____ 2" maximum engine setback from upper ball joint (GM)
- ____ 3" maximum engine setback from upper ball joint (FORD & MOPAR)
- ____ No magnetos
- ____ 10" minimum crankshaft height

Carburetor:

- ____ 4412 2-bbl or 390cfm 4-bbl only
- ____ No modifications - passes with gauges
- ____ Positive throttle stop
- ____ 2 throttle return springs front & rear. TOE STRAP TYPE PEDAL

Clutches:

- ____ Stock clutches must have 360 degree scatter shield

Transmission:

- ____ Minimum of two forward gears and reverse
- ____ Fill and drain plugs safety wired

Driveshaft:

- ____ Two 360-degree safety hoops
- ____ Driveshaft painted white and has car number on it

Helmet:

- ____ Snell SA-2005
- ____ No visible damage
- ____ Goggles if no face shield

Racing Uniform:

- ____ SFI-3 or better tag
- ____ No rips, tears or saturated w/ oil, or fuel
- ____ Racing shoes & gloves in good condition - SFI tag

Neck Support:

- ____ Approved restraint device - Hahns & Hutchens

Things that need to be done first at racing event:

1. Have carburetor ready for inspection. Have one carburetor bolt & one manifold drilled for seal
2. Have rear end gears ready for inspection. Have one bolt & one hole drilled in the rear end for seal

Things to be checked for qualifying:

1. Carburetor
2. Rear end seal
3. Spoiler height & angle
4. Ride height
5. Weight (2900 lbs with driver) and left side percentage (58 percent)

Roof rails:

- ____ Minimum 1/2 inch high or maximum 3/4 high must be attached to the roof on each side as close to the outside edge as possible between the windshield & rear window. The angle must be Mounted parallel, aligned vertically. One 1- 3/4 high rear window deflector mounted parallel inline with left roof rail.

CAR# _____ NAME: _____