

Super Hobby

2009 Season

1. SAFETY EQUIPMENT:

- a. Rules apply at all times car is on track.
- b. Snell-rated SA2000 or SA2005 helmet required.
- c. Roll bar padding required in driver compartment.
- d. SFI-approved full fire suit required. Fire retardant neck brace, gloves and shoes recommended.
- e. Driver-side window net required, five point safety belt assembly required, and it must be mounted securely to roll cage.
- f. Fire Extinguisher required.
- g. All holes in driver compartment must be sealed.
- h. Racing seat required.

2. FRAME

- a. Any American OEM full body rear wheel drive passenger car, 1964 or newer, full frame.
- b. Minimum 107.5 inch wheelbase, must be full original frame from front of idler arm and front of steering box to top of rear end.
- c. Must remain stock at rear and front cross member.

3. ROLL CAGE

- a. 1.75 inch O.D. tubing, with a minimum wall thickness of 0.095 inch recommended, *can use 1.5 x .083 minimum, if well constructed.*
- b. Four-post roll cage required, front down bars and rear hoop must be welded to frame.
- c. Driver's head must not protrude outside cage with helmet on.
- d. Radiator protection; must be behind bumper, within confines of body, no wider than stock frame horns.
- e. Required rear kickers (down bars) and engine hoop must be minimum 1.25 inch OD tubing, with 0.083 inch wall thickness.
- f. Fuel cell protection required, must be mounted frame rail to frame rail, no higher than fuel cell

4. DOOR BARS

- a. All door bars and uprights must be minimum 1.50 inch O.D. with 0.083; however, 1.75 inch with 0.095 recommended wall thickness.
- b. Minimum three door bars.
- c. Steel door plates, 18 gauge or 0.049 inch minimum.

5. BODY/DRIVER COMPARTMENT

- a. Body no wider than 72" or narrower than 68".

- b. Rear of car can be open.
- c. Must have body lines.
- d. Aftermarket steel or aluminum bodies allowed. Must be stock appearing.
- e. No wedge bodies.
- f. Stock appearing nope piece.
- g. Boxing of interior ok.
- h. **BODY MEASUREMENTS:**
 - i. Front fender must be 33" to top from ground.
 - ii. No bubbles.
 - iii. Door opening 13" front to 14.5" to back (minimum).
 - iv. Roof height no lower than 51".
 - v. Rear quarter 34" to 37" maximum.
 - vi. Front guard required.
 - vii. Rear spoiler 7".
 - viii. Side braces for rear spoiler must fit within a 9" x 12" rectangular surface area and should be no more than three support braces for the spoiler.
 - ix. Spoiler width and body width at rear should not exceed a total of 72".

6. FRONT SUSPENSION

- a. All components and mounts must be steel, unaltered OEM, in OEM location and match frame. Wide 5 adapters ok.
- b. Rubber, nylon or steel lower A-frame bushings only.
- c. Weight jacks allowed.
- d. Upper A-frame mount may be modified and moved.
- e. Upper A-frame may be replaced using aftermarket upper A-frame.

7. STEERING

- a. All components must be steel, unaltered OEM, in OEM location and match frame. Exceptions are: bolt on spindle savers.
- b. Steering column may be replaced with steel knuckles and steel steering shafts (*collapsible recommended*).
- c. Quick release required.
- d. May use steering quickner.

8. SHOCKS

- a. One steel, nonadjustable, unaltered shock per wheel.
- b. No coil over, air, or remote reservoir shocks.
- c. No Schrader or bladder type valve allowed.
- d. No coil over eliminators.

9. SPRINGS

- a. One steel spring per wheel only.
- b. All coil springs must be minimum 4.5 inches O.D. and non-progressive.

10. REAR SUSPENSION

- a. All components and mounts must be steel, unaltered OEM, in OEM location, and match frame.
- b. Rubber or nylon control arm bushings only.
- c. Coil springs may be moved, but center line of axle tube can be no further forward than the front of spring, or no further back than rear of spring; shocks may be moved, but must remain behind housing; lower control arm mounts on rear end may have multiple holes (maximum of five) for adjustment.
- d. Upper control arm mounts on rear end must be level with each other.
- e. Weight jacks allowed.

11. REAR END

- a. Any steel approved OEM passenger car or truck non-cambered rear end allowed.
- b. Safety hubs (floater) allowed. Wide 5 ok.
- c. No sway bars or pan hard bars.
- d. All components must be steel.
- e. Full steel spool, steel mini spool or welded rear end only.
- f. Steel axles only.
- g. No quick change devices.

12. BUMPERS

- a. 2 x 3 Tubing or round pipe.

13. TIRES/WHEELS

- a. RC-4. No grooving.
- b. 12" maximum steel or aluminum rims.
- c. BEAD lock RR only.
- d. No homemade BEAD lock.
- e. 1/2" studs with 1" OD lugnuts.

14. BRAKES

- a. Steel, unaltered OEM, or unaltered OEM replacement, operative four wheel, drum or disc allowed.
- b. Front components must match frame and maintain minimum OEM dimensions for hubs/rotors and calipers.
- c. Rear rotors may be aftermarket with iron calipers.
- d. No floating brakes.
- e. Aftermarket pedal assembly allowed.

15. EXHAUST

- a. Round tube headers only.
- b. 1 3/4" maximum tube under or over frame type.

16. FUEL SYSTEM

- a. Mechanical OEM type push rod fuel pumps only.

- b. Racing fuel cell required, maximum 22 gallon, must be in minimum 20 gauge steel container. Must be securely fastened.
- c. Fuel lines through driver compartment must run through metal pipe or metal conduit.
- d. **Carburetor**
 - i. Must use unaltered 4412 500-c.f.m. Holley.
 - ii. Carburetor adapter/spacer allowed, maximum 1.250 inches thick, including gaskets.

17. FUEL

- a. Gasoline. Racing fuel allowed.
- b. No performance enhancing or scented additives.

18. WEIGHT

- a. Minimum weight limit of 3,000 pounds.
- b. Lead must be securely mounted with 2 (two) or more ½" bolts.
- c. Painted white with car number. (Lead lost on track will be confiscated by tech and penalty imposed)

19. BATTERY/STARTER

- a. One 12 volt battery only, must be securely mounted between frame rails, and positive terminal must be covered.
- b. Battery must be in Marine type case if mounted in driver compartment.

20. GAUGES/ELECTRONICS

- a. Ignition will be point type stock, HEI stock, MSD w/one box or aftermarket units or parts as approved by tech.

21. TRANSMISSION/DRIVE SHAFT

- a. Must have working forward gears and one working reverse, plus neutral position. May run any racing or OEM transmission.
- b. **Manual:** May run any racing style multiple-disc clutch and any flywheel, inside explosion-proof steel bellhousing. Starter must mount in stock location.
- c. **Automatic:** May remain in OEM or replacement case with valve and no torque convertor. Original OEM bell-housing must have approved scattershield constructed of minimum 0.125 inch by three inch steel, 270 degrees around flexplate.
- d. **Drive Shaft:** Minimum two inch diameter steel drive shaft, must be painted white. 360-degree drive shaft loop required and must be constructed of at least 0.25 inch by two inch steel.

22. ENGINE COMPARTMENT

- a. Engine set back # 1 plug in line with center of ball joint.

23. ENGINE SPECIFICATIONS

- a. Any American make engine allowed.
- b. Steel heads, block and oil pan only.
- c. OEM passenger vehicle production block only.

- d. No GM Bowtie, Ford SVO or Chrysler W blocks.
- e. Castings and fittings cannot be changed, no machine work on outside of engine.
- f. 362 cubic inch limit.
- g. May use roller rocker arms.
- h. Flat tappet or Hydraulic cam/lifters with maximum .500 @ valve.
- i. Aluminum or cast iron intake manifold, flat top piston, steel crank & steel rods.
- j. Minimum 48 lb crank with MAXIMUM 3.500" stroke.
- k. OEM firing order can be changed.
- l. Aluminum water pumps allowed.
- m. "Wet" sump oiling system only.
- n. *Note* 602 Crate will run 4412 Holley.

24. HEAD RULE

- a. Cast iron heads only.
- b. No angle plug, bowtie, iron eagle, etc.
- c. Stock valves or stainless steel (no titanium) 2.02 intake max 1.60 exhaust max.
- d. World product heads 052 and vortex heads allowed.
- e. Port matching allowed, **MAXIMUM** 3/8" inside on intake and exhaust.