

# Street Stock

## 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, 1970 or newer, full frame.
- b. Minimum 108" inch wheelbase, must be full original frame.
- c. Must remain stock at rear and front cross member.
- d. No Camaros, Mustangs, or uni-body type cars.
- e. No leaf spring cars.

### 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 four door bars.
- c. Steel door plates, 18 gauge or 0.049 inch minimum.

### 5. BODY/DRIVER COMPARTMENT

- a. Body must be set on original body mounts, stock floor pan and fire wall.
- b. After-market type steel or aluminum bodies must be stock in appearance.
- c. Must use stock roof.
- d. Hood and truck can be gutted.
- e. Must use stock appearing nose piece.
- f. No wedge, no rake, no late model appearing bodies
- g. Body must match frame.
- h. 4" rear spoiler, no side panels.
- i. Rear floor pan can be removed and boxed in behind driver only.
- j. No boxing of driver compartment stock appearing dash.
- k. Fuel cell cannot be below frame.
- l. Rear of car must be closed in.

#### **6. FRONT SUSPENSION**

- a. All components and mounts must be steel, unaltered OEM, in OEM location and match frame.
- b. No weight jacks allowed.
- c. No out board shocks.

#### **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. No steering quickners

#### **8. SHOCKS**

- a. One steel, non-adjustable, non-rebuildable, un-altered shock per wheel in stock location.
- b. Rear shock mounts may be raised.

#### **9. SPRINGS**

- a. One steel spring per wheel only.
- b. All coil springs must be minimum 4.5 inches O.D. and non-progressive.
- c. Must be mounted in stock location.

#### **10. REAR SUSPENSION**

- a. All components and mounts must be steel, unaltered OEM, in OEM location, and match frame.
- b. Rubber control arm bushings only.
- c. Can use spring buckets on rear only.

- d. No weight jacks.
- e. Stock upper and lower control arms.
- f. May relocate hole in upper control arm to adjust pinion angle.

#### **11. REAR END**

- a. Any steel approved OEM passenger car non-cambered rear end allowed.
- b. 9" Floater rear-end 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. All mounts on rear end housing must be in stock location.

#### **12. BUMPERS**

- a. 2 x 3 Tubing or round pipe.

#### **13. TIRES/WHEELS**

- a. RC-4. No grooving.
- b. 10" maximum steel rim.
- 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 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 3,200 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, no aftermarket units or parts.

## **21. TRANSMISSION/DRIVE SHAFT**

- a. Must have working forward gears and one working reverse, plus neutral position.
- b. **Manual:** 10" full size pressure plate and clutch disc. Flywheel 16lb minimum. 3 speed, 4 speed hydraulic release bearing ok.
- c. **Automatic:** 3 speed or 2 speed with working convertor, no valves.
- 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 stock location.

## **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 stock rocker arms.
- g. Hydraulic cam/lifters with maximum .450 @ valve.
- h. Aluminum or cast iron intake manifold, flat top piston, steel rods stock length for engine used.
- i. Minimum 50 lb crank with maximum 3.500 stroke.
- j. OEM firing order cannot be changed.
- k. Aluminum water pumps allowed.
- l. "Wet" sump oiling system only.

- m. \*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) 1.94 intake max 1.50 exhaust max.
- d. Stock OEM and vortec heads allowed.
- e. Screw in studs, guide plates, large springs 10.0:1 compression ratio.
- f. Vortec intake manifold Edelbrock part number 7116 stock OEM cast iron manifold or cast iron bowtie or Edelbrock part number 7101 can use IMCA 7547-I intake on OEM stock non-vortec heads only.