

## A STOCK

### 5.1 COMPETING MODELS

- 1955 or newer standard size American made sedans and trucks. (2 or 4 door)
- Stock wheelbase will be 102" minimum to 116" maximum (+ or – 1")
- No convertibles, station wagons, four-wheel drive or front wheel drive allowed.
- Car must weight a minimum of 3200 lbs. wet with driver.

### 5.2 BODIES

- Destroyed panels can be replaced with stock appearing steel or aluminum parts.
- Fenders can be cut for tire clearance not to exceed 3".
- Inner fender wells may be cut or removed.
- Both inner door panels may be cut out for door bars.
- Grill may be replaced with wire screen. Aftermarket nose pieces allowed.
- All upholstery, glass, chrome, lenses and fiberglass must be removed from car.
- Driver's window must have racing approved removable window net. Window nets are always required to be used.
- Firewall and floor pan must remain intact. All holes must be sealed.
- A fire wall between driver and trunk area must be 20-gauge steel sheeting.
- Spoilers height: 6" maximum height and no wider than the trunk lid. Three (3) braces maximum. Must be triangular 6" height and 18" length at base.
- No fiberglass hoods or body panels allowed.
- No aluminum hoods or trunks allowed.

### 5.3 FRAMES

- Must be stock.
- Reinforcement of uni-body mandatory
- Rear of frame behind rear tires, no further forward than one inch behind factory seam, may be replaced in OEM location with two inches by three-inch steel tubing with minimum 0.095" wall thickness, same length as material
- Removed. Factory seam must remain visible. Uni-bodies must tie rear frame to front frame. Frames may be "X" braced.
- Must have a tow hook on front and rear.

### 5.4 BUMPERS

- Stock or basket type front and rear. Basket type no more than 1" from outside of body permitted. 1-1/4" black pipe maximum for bumpers.
- Bumpers must be reinforced so that they will not fall off on impact.
- Nerf Bars must be level to the center of axles plus or minus 8". Maximum 1" from body and a maximum OD of 1".

### 5.5 ROLL CAGE

- Must be a minimum of a Six (6) point roll cage with a minimum of three (3) door bars on the driver's side, and a minimum of two (2) door bars on the passenger side.
- Roll cage front hoops are permitted. Mandatory fuel cell protection required.
- Roll cage may be made of 1-1/4" black pipe schedule 40 minimum wall. Or 1-1/2" DOM tubing .095" minimum wall.
- Roll bars must be padded within drivers reach.

#### 5.6 IGNITION

- Stock electronic or single point distributor. HEI distributor only.
- No MSD or racing aftermarket types (no amplified ignition).
- OEM ignition only.

#### 5.7 ELECTRICAL

- Battery must be mounted in a positive cover to contain the acid.
- Must be securely mounted with steel hold downs.
- Battery may be mounted in stock location.
- No bungee cords or ratchet straps on battery.

#### 5.8 SUSPENSION

- Must remain stock, A-arms and trailing arms, for make and model.
- An all steel, stock configuration, with stock mounting points, non-adjustable tubular A-arm can be used to replace the stock A-arm.
- No cutting, heating, wedging, or modifying of components.
- No coil over or air shocks. OEM Split valve shocks allowed.
- No weight jacks of any kind (adjustable lowering blocks, spring spacers, adjustable shackles, or spring rubbers).
- Shock must be in the stock location and in stock mounts only. One shock per wheel, no hiem end or aluminum. OEM mount, OEM location only OEM style only.
- Springs must be mounted in stock OEM location and mounting only.
- Anti-sway bar must remain stock, if you choose to run one.

#### 5.9 SEAT

- Type factory built aluminum racing seat is required.
- Seat Belt five (5) point safety harness required mounted to roll cage by 3/8" grade 8 bolts minimum.

#### 5.10 STEERING

- Must remain stock. Steering quickeners allowed
- Removable steering wheel allowed. Steering column must retain a collapsible shaft or double u-joint, in stock location. Heim joint tie rod ends allowed.

#### 5.11 REAR ENDS

- Ford 9" or Chrysler 8-3/4" or a floater style allowed with all makes of cars.

- Must be in stock location with stock mounts.
- No quick-change rear ends allowed.
- Gear ration is optional.
- Welding of spider gears, mini spools, and posi-track allowed.

#### 5.12 RADIATORS

- Only one radiator mounted in stock location allowed.
- Must have catch tank mounted for overflow.
- Aluminum radiators allowed.

#### 5.13 WHEELS

- Maximum wheel width of 8". Any rim offset allowed.
- Steel racing type rims permitted. No ultralights, or wide 5's. 8" bead locks allowed.

#### 5.14 BRAKES

- OEM factory original type brakes only. No aftermarket rotors, or calipers.
- All 4 brakes must lock up on inspection. Brake shut off valves are prohibited.
- Non firewall mounted clutch, brake, throttle pedals allowed. Shall be within plus or minus 2 inches from original location. Aftermarket single brake master and clutch cylinder allowed

#### 5.15 TIRES

- Tires must be DOT approved for highway use only
- No racing tires, studded, or lug type mud and snow tires allowed. Grooving and siping allowed.
- 1" lug nuts mandatory on right front.

#### 5.16 TRANSMISSION

- OEM standard production 3 or 4 speed manual transmission or automatic only.
- No direct drivers or buttons.
- OEM clutches and OEM steel flex plates only.
- No aluminum flywheels.
- Automatic transmissions should have scatter-shields.
- Manual transmissions must have explosion-proof steel bell housings.

#### 5.17 FUEL DELIVERY SYSTEMS

- One 500cfm 2-barrel carburetor or one 4-barrel carburetor. 650 CFM max with a vacuum secondary. NO DOUBLE PUMPERS if it has 2 accelerator pumps its NOT LEGAL
- Choke tower must be intact.
- Choke butterfly may be removed.
- 1" spacer allowed. 2bbl to 4bbl adapters allowed.
- Approved racing fuel cell shall be adequately sized to finish a 50-lap race without stopping for refueling.
- No boat tanks.

- Must be securely mounted with two metal straps in rear trunk area.
- If there is not a rear floor pan: The fuel cell shall be enclosed in a container with 4 sides and a bottom. A top to the container is strongly recommended. The container shall be constructed using a minimum of 20-gauge steel or aluminum and be securely mounted in the rear trunk area. The bottom of the container shall not be below the bottom of the frame rails.
- Tanks must be equipped with a non-spill cap and vent line. PCV valve can be used on vent line.
- Filler cap must be located inside of the body.
- No pressurized tanks allowed.

#### 5.18 INTAKE

- Any cast iron or aluminum dual plane NON air gap manifold.

#### 5.19 EXHAUST

- OEM cast iron exhaust manifolds only.
- No aftermarket exhaust manifolds allowed.
- Manifolds must exit downward.
- Exhaust must exit the rear of the transmission cross member under the car.
- 2-1/2" maximum size exhaust pipe.
- 90 degree turn downs are recommended

#### 5.20 CYLINDER HEADS

- Unaltered OEM or aftermarket stock replacement cylinder heads only. Steel valves only  
Stainless steel valves allowed NO titanium parts of any kind.
- Stock GM cast iron Vortec heads allowed. The following unaltered Edelbrock Performer Vortec manifolds shall be used: # 2116, 2716, 7116, 2101, 2701".
- Cylinder heads must reflect casting numbers in original form..
- Maximum Intake and Exhaust valves 2.02 maximum intake valve 1.60 maximum exhaust valve. • Allowed stock replacement heads. These are bare head part numbers. You can use the comparable "assembled" head. 1.94 intake valve / 1.50 exhaust valve EngineQuest # CH350H EPWI # 175679, 175769 World Products # 043600 2.02 intake valve / 1.60 exhaust valve Dart Iron Eagle # 10120010, 10220010 World Products S/R Torquer # 042660, 042670 Summit Racing # 152123 EPWI # 175672G, 175762 Summit Racing # 151124, EPW # 910535 and 910535CF, Engine Quest # CH350A, CH350G, CH350C, Dart Iron Eagle S/S 170cc intake runner cc
- UNALTERED MEANS THAT OTHER THAN GASKET MATCHING THE INTAKE AND EXHAUST PORTS SHALL REMAIN UNTOUCHED.
- VALVE JOBS, GUIDE REPAIR, MACHINING FOR GUIDE PLATES AND RESURFACING ARE ALLOWED.
- IF THE CYLINDER HEAD NEEDS SOME OTHER KIND OF REPAIR PLEASE CONTACT THE TECH PERSON OR A BOARD MEMBER TO SEE IF THE REPAIR WILL BE ALLOWED.

## 5.21 ENGINES

- Factory engines, location, and components. 180 PSI maximum compression and run on automotive grade pump fuel or avgas only. 100 Octane maximum rating.
- Aftermarket OEM style cast iron blocks allowed
- Maximum cylinder bore size: Chevy 350– 4.060, No 400cid allowed. Ford 351– 4.060, 400M allowed. Dodge 360 – 4.060.
- No porting or polishing allowed.
- No pop-up, dome, or hemi pistons allowed. Flat top or dished pistons only.
- No mechanical cams, roller rockers, roller cams, or lifters allowed. Stamped steel roller rockers are not allowed.
- Aftermarket stock length replacement pressed pin connecting rods and stock stroke replacement cast crankshafts may be used.
- Connecting rods shall be identical to a scat stock replacement forged I beam – Part: #3icr5700p.
- Crankshafts shall be identical to a scat pro stock cast crankshaft – Part: # 9-103750 or a scat 9000 series crankshaft – Part: #9-350-3480-5700. Stroke must match block.
- Hydraulic cams and lifters only. Firing order must be stock.
- No polishing of rods. No floating rods or pistons. Stock replacement rods and cranks only.
- Chain and sprocket style timing chain only.
- Mechanical or electric fuel pumps allowed. Electric pumps must have a low oil pressure shut off switch.