



# Super Figure Eight Rules

Evergreen Speedway – Monroe, WA

## 2011 Super Figure Eight Rules

(Effective 3/23/11)

### **Rule Book Disclaimer**

The rules and regulations are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern all events, and by participating in these events, all participants are deemed to be in compliance with these rules and regulations.

**NO EXPRESS OR IMPLIED WARRANTY OR SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.**

**These rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury of death to a participant, spectator, official or others.**

**The Race Director shall be empowered to permit minor deviations from any of the specifications or impose further restrictions that, in his opinion, do not alter the minimum acceptable requirements.**

**NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATIONS OF SPECIFICATIONS.**

**Interpretation of, or deviation from these rules is left to the discretion of the Officials. Their decision is final.**

It is the responsibility of the driver to ensure their car conforms to all rules and regulations at anytime while on the racing surface. To include practice, time trials and competitive racing.

### **GENERAL INFORMATION**

**ALL RULES ARE SUBJECT TO INTERPRETATION OF THE TRACK OFFICIALS. EQUIPMENT THAT OFFICIALS CONSIDER EXOTIC OR NOT IN THE INTENT OF THE RULES WILL BE CONSIDERED ILLEGAL FOR COMPETITION.**

ANY CAR CONSTRUCTION NOT COVERED IN THE RULES OR OKAYED IN WRITING BY THE TECH OFFICIALS WILL BE DEEMED ILLEGAL.

### **1. COMPETING MODELS**

A. 1957 to present year rear wheel drive 118" max. Wheelbase. No Jeeps or 4 Wheel Drives or all wheel drives allowed.

B. All Super Figure Eight cars must weigh a minimum of 2600lbs with driver after any competitive event. Less weight will be considered for the 2012 season.

### **2. BODIES**

A. All headlights, taillights, side chrome, antenna and stock outside mirrors, pot metal, all upholstery and flammable material, all glass (except windshield), license plates and brackets must be removed. Rear window optional must be plastic or Lexan no glass.

B. Any metal or fiberglass type body allowed. Front fenders optional. Plastic fenders, nose panel, or tail panel as manufactured by Five Star or ARP Bodies, are acceptable. Modifications allowed. No other plastic allowed.

C. Doors must be securely attached.

D. Hoods and trunk lids must be secured with quick release hood pins.

E. All trimmed metal must have the edges rolled or beaded. No sharp edges anywhere.

F. Sunroof or T-top opening must conform to convertible roll cage drawing. G. Rear spoilers allowed. If not original equipment must be clear.

H. All cars must be neat in appearance.

### **3. FIREWALLS AND FLOORBOARDS**

A. Firewalls and floorboards are required. Must seal driver from fuel cell and engine. Stock okay. If home made, driver's box must be minimum 22-gauge steel. All other firewall material may be aluminum of equivalent gauge. Must be installed by welding, bolting or pop rivets. NO OPEN HOLES.

B. The floor area on the right side of the seat may be raised to the top of the drive shaft tunnel and extend to the right door panel. It is permissible to angle the right side floor panel from the drive shaft tunnel to the top of the door bar and seal off below the window opening.

### **4. WINDSHIELD**

A. Windshields are optional, but if not used driver must use full-face helmet with a shield. Stock windshield, Lexan, or equivalent acceptable.

B. Minimum 4 additional hold-downs.

C. Working wiper/wipers are required when raining, if windshield is used

D. Wipers and defroster fans are allowed.

E. Vertical brace required in center of windshields, within 3" parallel to windshield. 1/2" solid bar or equivalent to be firmly attached in safe manner.

## **5. NUMBERS**

NASCAR'S PUBLIC IMAGE POLICY: NASCAR reserves the right, in the public image of the sport, to assign, to approve or disapprove any advertising, sponsorship or similar agreement in connection with any event. All NASCAR members agree to accept NASCAR'S decision in this regard.

All cars must comply with the following identification and marking requirements: NASCAR reserves the right to assign or restrict the display of decals, identification, and advertising on racecars.

- A. Officially issued numbers must be at least eighteen inches high and neatly painted on both sides of the car. Only single or double-digit numbers will be permitted. The top front corner of each door should be available for the placement of series sponsor decals. A number 32 inches high must be painted on the roof, reading from the driver's side. The use of number decals is acceptable if the number is legible. Silver or Gold foil number decals are not permitted.
- B. A six-inch number Arial Italic font, white must be displayed on the upper right hand corner of the windshield.
- C. All numbers will be assigned by the Speedway Office (360) 805-6100.to read from driver's side.

## **6. FRONT SUSPENSION**

- A. Any front suspension may be used
- B. Large wheel studs recommended.
- C. Sway bars optional.

## **7. REAR SUSPENSION**

- A. Rear springs and shocks optional.
- B. No cockpit adjustment to suspension.

## **8. REAREND**

- A. Any rear-end allowed.
- B. Rear ends must be vented – min. 3/8" hose.

## **9. BRAKES**

- A. Four-wheel hydraulic brakes with steel lines, all must work. NO ABS OR ABS COMPONENTS.
- B. Front and rear disc brakes allowable.
- C. After market brake pedals and master cylinder allowed.

## **10. ROLL CAGE**

- A. Min. 4 bars in Driver's Door, Min. 3 bars in passenger door.
- B. Materials must be minimum 1-1/2" O.D. tubing with .095 wall thickness no black iron or water pipe. Minimum roll cage only. See drawing pg. 29 of FEAR rule book.
- C. Gussets are required on all overhead welds and drivers' door bars. Gussets will be allowed at all weld points. Max. material 1/4" x 3". As per tech inspection or manufactures design.
- D. A piece of 1/8" thick steel is to be welded to the driver's side door bars. The material should be placed between the bars and the door skin and cover the seat area. As an option, this material

may be welded between the door bars.

E. Dash bar must go over the top of steering column.

F. Drivers foot area must have extra protection from cage to frame. See roll cage drawing pg. 29.

G. Roll cage padding must be on driver's door bars and areas within driver's reach.

## **11. NERF BARS**

A. Nerf Bars are allowed.

B. Material Maximum 2" O.D. tubing.

C. Mounting points must be butt welded to the roll cage or frame.

D. End must be turned in to the body and ends must be firmly attached to the frame or cage with bolts on each end.

E. Bar to be installed horizontally and at least as high as center of front hub.

## **12. FRAMES AND BUMPERS**

A. Manufactured front clip optional.

B. Uni-bodies must connect front and rear sub frames.

C. Any frame replacement in front of front suspension may not be any larger than 2 x 3, .095 wall.

## **13. FRAME REINFORCEMENT**

A. Any frame reinforcement, for crash repair ONLY, ahead of the spring pocket to be 4" x 4" by 1/4" or 16 sq. in. plate within the damaged area only.

## **14. RADIATOR PROTECTOR**

A. Radiator Protector – allowed.

B. Protective screen or expanded metal allowed if solidly attached 1/4" thick maximum. May not be attached to bumper.

C. No overbuilding of radiator protection allowed, subject to tech discretion.

## **15. BUMPERS—FRONT AND REAR**

A. Single automotive front and rear bumpers or hollow 2 x 3—.095 wall to conform to bodyline. Tips must tip back to avoid hooking other cars. Capped ends must be drilled with 3/4 inspection hole.

B. Stock front bumpers may be reinforced with one piece of pipe up to 48 inches long, 2 inch by 3/16 inch maximum, half on each side of the car centerline to be added behind bumper. The forward edge of this pipe to be no further back than the front of the frame horns and cannot be above or below the bumper. This pipe must be attached to the bumper or bumper brackets only. Front bumper mounting brackets to be a maximum 2"x3"-.095 channel to go no further back than 2" behind stock rear mounting hole.

C. Front bumper tips may be reinforced from bumper tip to frame or radiator protector.

D. Front bumper tips must be tipped back and rolled or cut so bumper will not get hooked or present sharp edges.

E. Bumpers may have a hoop or cow catcher attached to the top of them not to exceed 1 3/4 x .095 wall thickness tubing.

F. Rear bumper must be strapped. Forward edge to be turned inward. Material must be tight to

body metal and firmly attached so as not to hook other cars.

G. Front and rear bumper height must be between 16" and 20" from ground to center.

## 16. ENGINE

A. Engine set back. The furthest forward spark plug to be no further back than 2 inches behind center on a Chevrolet and 3 inches behind center on a Ford or Dodge of lower A-arm ball joint. Any car not conforming to this rule must run ~~50lbs~~ 100lbs. of weight to be attached to the front cross member or further forward. ~~This is in addition to the 2800lb~~ **This is included in the total 2600 lb minimum weight.**

B. Mounts optional.

C. No aluminum blocks.

D. Any single manual carburetor two or four barrel. 1-inch max. spacer allowed.

E. No electric fuel pumps allowed. Belt driven pumps allowed.

F. Ignition must be distributor type, no mags or crank triggered ignition allowed.

G. No cockpit adjustments allowed on ignition system.

H. No blowers, super chargers, or turbos.

## 17. TRANSMISSION

A. Transmissions optional.

B. Flywheel, clutch, torque converter optional.

## 18. EXHAUST

A. Mufflers required with DBA reading of 90 max. – Will be enforced, by the track.

B. Exhaust must deflect downward.

C. Headers are optional.

## 19. RADIATOR

A. Any size radiator may be used as long as there are no holes in the hood.

B. Radiator must be located in the front of engine.

C. No ethylene glycol coolants permitted.

## 20. DRIVELINE

A. 360 degree catch hoop required, material 1" x 1/8" steel minimum. Location 6" – 12" behind front universal joint.

B. Driveline must be white.

## 21. TIRES & WHEELS

A. **Steel** Wheels not to exceed 10 inches in width. **Maximum 8" tires**

B. Must run approved tires, which **must be purchased from Evergreen Speedway or appointed vendor.** Approved tire for the 2011 season is the Hoosier 2070 / 27.0 / 8.0 / 15 . No tire rule limit in effect until a 3 race evaluation to test the quality and life of the tire.

C. No tire softener allowed.

D. Grooving and cutting tires O.K.

## 22. FUEL CELL

A. All fuel cells must be securely mounted in the trunk area between two parallel pieces of steel,

1-1/2 inch minimum, box tubing or pipe from frame rail to frame rail or between rear cage supports.

B. No chains, ropes, wire, cord, or plumbers tape permitted.

C. All fuel lines running through driver's compartment must be fully enclosed in steel tubing.  
NO ALUMINUM FUEL LINES.

D. All fuel cells must have a roll over valve capable of preventing spillage.

E. Fuel cells must be steel encased, NASCAR type. Ballistic bladder type cells are highly recommended. Plastic fuel cells not to exceed 6 years in age as determined by mfg. date. Bladder type cells not to exceed 8 years in age as determined by mfg. date. Any fuel cell not in perfect condition or questionable as a result of age, care, or damage as determined by tech officials, may be required to be replaced. Regardless of date of mfg.

F. Metal fuel filters only.

G. No alcohol, methanol alcohol, or nitrous oxide allowed.

H. Fuel cell protection is required. Material to be 1-1/4 I.D. or 1-3/4 O.D. tubing .095 wall minimum. 1" below fuel cell and minimum of 2" behind fuel cell. Required 2 support bars from lower side of fuel cell protector upward to frame rails. Cars constructed with an X under the fuel cell may have adequate protection. A minimum of 7" ground clearance required.

### **23. OIL & TRANS LINES**

A. Under no circumstances are any exposed oil coolers, lines, fittings, adapters or filters allowed in driver's area.

### **24. BATTERY**

A. Batteries located in driver's compartment must be fully enclosed.

B. All batteries must be securely mounted.

C. Battery (Safety) disconnect switch required. Easily accessible to driver and safety crew. Switch connections on negative side of battery. Must shut off engine. Recommended location of switch is center of the car. Easily reached by driver while belted in, and/or safety personnel from either side of car. Switches located behind driver are acceptable if accessible by driver while belted in, and/or safety personnel from either side of car.

### **25. SEAT**

A. Aluminum racing seat ONLY. **High backed double wrap around style mandatory.**

B. Seat must be securely mounted at bottom to cage and bolted at back to cage. Whiplash headrest required.

### **26. SEAT BELTS**

A. 3" lap and shoulder belt, five points required. Must be recertified or new every 3 (three) years on manufacturers date tag. Must have tag. **NO GRACE WILL BE GIVEN FOR THIS RULE.**

B. All seat belts must be in good condition.

C. Belts must be installed to hold driver down, and back. Secure belts to roll cage using aircraft quality fasteners not smaller than 3/8" diameter.

### **27. HELMET**

A. All helmets must be competition approved. Must have visible Snell tag or proof attached.

B. Snell 2000 minimum, Snell SA 2000 or newer rated mandatory. GRACE WILL NOT BE GIVEN FOR THIS RULE.

C. No half helmets. No M rated motorcycle helmets.

## **28. FIRE PROTECTION**

A. Fire extinguishers are required to be in all cars. Must be securely mounted.

B. Fire proof driving suits are required.

## **29. SAFETY**

A. Window Nets are mandatory. Must be securely attached at bottom of window and must have positive fastener at the top that can be easily removed by the driver and or safety official

B. Steering wheel to be padded, 12 inch minimum diameter. NASCAR quick release type wheels and adapters are acceptable.

## **GENERAL INFORMATION**

We expect all participants to take pride in being part of our entertainment. Racing entertainment is what we sell to the public and we will not tolerate anyone or anything that detracts from our show. Cars in the opinion of the Officials, that lack in appearance or are deemed unsafe, will not be allowed to race until acceptable.

A. All car construction rules will be decided by NASCAR Tech Inspectors. Burden of proof on any concern will be the responsibility of the owner and driver.

B. ALL NASCAR BOMBER CAR NUMBERS WILL BE ASSIGNED BY THE SPEEDWAY OFFICE (360) 805-6100 AND MUST BE RENEWED EVERY YEAR.

WHAT TO DO IF YOU ARE INJURED IN AN ACCIDENT AT EVERGREEN SPEEDWAY ON SATURDAY NIGHT

1. Have the ambulance attendant check you out and fill out an accident report.

2. GET MORE MEDICAL ATTENTION IF NECESSARY.

3. If you have follow-up treatments, please advise your doctor of the following

a) Your insurance carrier

b) NASCAR insurance

c) NASCAR address:

Benefit Plan Administrator

Attn: Dana Brill

P.O. Box 2875

Daytona Beach, Fl. 32115-2875

d) The date of the accident

e) The time and place of your accident

4. Your doctor should then bill NASCAR directly.

5. If you have any other questions, please ask in the Speedway Office.

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