2020

2020 Super Stock Figure Eight Rules

Evergreen Speedway, Monroe, WA

Revised 12/04/2019

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 expected to be in compliance with these rules and regulations. All rules are subject to the interpretation of the track officials. Any equipment the officials consider exotic or not in the interest or intent of the rules will be considered illegal.

NO EXPRESS OR IMPLIED WARRANTY OF 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 or death to a participant, spectator, official or others. Technical Director shall be empowered to permit minor deviations from any of the specifications or impose further restrictions that, in their 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 confirms to all rules and regulations at all times.

1. COMPETING MODELS

1. 1957 to present year rear wheel drive 101" minimum. Rear Wheel Drive only.
2. All Stock class Figure Eight cars must weigh a minimum of 2900 lbs. with 51% maximum rear.
3. Cars are to be weighed with driver before any event. Officials have the option to weigh cars at the end of a main event. A reasonable allowance will be made for fuel usage or damage.

2. BODIES

1. **This is a stock appearing class. No outlaw or homemade bodies allowed. No side boards.**
2. OEM or fabricated stock appearing aftermarket body (Five Star, AR Bodies, etc). Must be complete. Front and rear bumper covers are optional. AR Bodies Camaro, Mustang and Challenger are approved.
3. Hoods and trunk lids must be secured with quick release hood pins.
4. All trimmed metal must have the edges rolled or beaded. No sharp edges anywhere.

5. Rear spoilers allowed. If not original equipment must be clear. 6" height max.

3. FIREWALLS AND FLOORBOARDS

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

4. WINDSHIELD

1. **Windshields are required at all times.** Stock windshield, Lexan, or equivalent acceptable.
2. Minimum 4 additional hold downs required.
3. Working wiper/wipers are recommended. Defroster fans highly recommended.
4. Vertical brace required in center of windshield within 3" parallel to windshield. ½" solid bar or equivalent to be firmly attached in safe manner.

5. FRONT SUSPENSION

1. Any front suspension may be used. One spring per wheel. Sway bars optional.
2. No cockpit adjustment to suspension allowed.
3. Large wheel studs recommended.
4. 69" Track width max.

6. REAR SUSPENSION

1. No independent rear suspension.
2. Truck arms OK.
3. Rear springs and shocks optional. One spring per wheel.
4. No cockpit adjustment to suspension.
5. **Coil over/ Big spring suspension.**
    a. One piece trailing arms only. No spring loaded or dampened trailing arms
    b. One third link allowed. third link cannot use any springs, bushings or other dampeners.
    c. Check with the Lead Technical Inspector before using any components not listed specifically in these rules
6. **Leaf spring suspension**
    a. Rear adjustable shackles allowed
    b. One dampening shock (90/10) OR one third link allowed. third link cannot use any springs, bushings or other dampeners.
    c. Check with the Lead Technical Inspector before using any components not listed specifically in these rules

7. SHOCK ABSORBERS

1. Stock type or coil over OK.
2. One shock per wheel.
3. Aftermarket shocks must be a welded bearing, non-adjustable, non-serviceable shock available from a commercial source for under $125 retail.
4. No split valve shocks. Must be 4,5,6 etc.

8. REAREND

1. Any rear end allowed. Must use steel tubes.
2. No cambered rear ends.
3. Rear ends must be vented with 3/8" hose minimum.
4. Standard aluminum or steel drive plates only. No dampening style drive plates allowed.

9. BRAKES

1. Four wheel hydraulic brakes with steel lines, all must work.
2. No ABS or ABS components.

10. ROLL CAGE

1. Must be steel tubing 1 ¾" O.D. X .095" wall thickness minimum.
2. Minimum 4 bars in driver's door.
3. Minimum 3 bars in passenger door.
4. Gussets are required on all overhead welds and drivers' door bars.
5. 1/8" thick steel is to be welded to the driver's side door bars. The material to be placed between the bars and the door skin and cover the door and seat area.
6. Dash bar must go over the top of steering column.
7. Driver's foot area must have extra protection from cage to frame.
8. Roll cage padding must be on driver's door bars and areas within driver's reach.

11. NERF BARS

1. Nerf Bars are allowed. Must be securely attached, capped and no sharp edges.

12. FRAMES

1. Manufactured perimeter and straight rail chassis allowed. Front clip optional.
2. Unibodies must connect front and rear sub frames.
3. Frame reinforcement subject to tech.

13. RADIATOR PROTECTOR

1. Radiator protector allowed. Subject to tech. Must not be over-built.

14. BUMPERS

1. Single front and rear bumper allowed. No sharp edges.
   a. Center of stock bumpers may be reinforced. One piece of tubing up to 48" long 1¾" x .095" round or 2" x .095" square. Cannot be above or below the bumper and must attach to the bumper or bumper brackets only. Bumper tips may be reinforced with same material.
   b. Fabricated bumper to be hollow 2" x 3" .095" to conform to body line. Tips must angle back to avoid hooking other cars. Capped ends must be drilled with ¾" inspection hole.
   c. Front bumper mounts not to exceed 2 mounting brackets from frame 2"x 3" .120" maximum.
2. Front Bumper tip reinforcement allowed. Must be round tubing, 1 ¾" x .095" max. one per side.
3. All bumpers are allowed one "cow catcher" (top or bottom, one only) with a total of two bracing bars. Cow catcher bracing can attach to radiator reinforcement.
4. Rear bumper must be strapped. Forward edge must be turned inward. Material must be tight to body and firmly attached so as not to hook other cars.

15. ENGINE

1. Mounts optional. 11" crank height minimum, measured from center of crank to ground.
2. Crate engines allowed. Highly recommended.
3. No aluminum blocks.
4. Heads: Factory production OEM aluminum heads OK. 2.02” valves max. No high-performance aftermarket aluminum heads allowed.
5. Any single manual carburetor two or four barrel. 1” max. spacer allowed.
6. No electric fuel pumps allowed.
7. Ignition must be distributor type, no mags or crank triggered ignition allowed.
8. No cockpit adjustments allowed on ignition system.
9. No blowers, superchargers, or turbos.

16. TRANSMISSION

1. Stock production type transmissions only. Must have a minimum of 2 forward gears and reverse. No Jerico, Brin or clutchless shift transmissions allowed.
2. Flywheel and clutch required.
3. No Automatics

17. EXHAUST

1. Strictly enforced 90 DB maximum at 50 feet.
2. Muffler is mandatory
3. We highly recommend no door outlet exhaust. Under car exhaust outlet is recommended.
4. Cars not in compliance will not be allowed to practice or compete.

18. RADIATOR

1. Radiator must be located in the front of engine and under hood.
2. No ethylene glycol coolants permitted.

19. DRIVELINE

1. 360 degree catch hoop required, material 1” x 1/8” steel minimum. Must be 6” to 12” behind front universal joint.
2. Drive line must be steel and painted white.

20. TIRES & WHEELS

1. ***See Tire Bulletin for approved tires and requirements***
2. Any 10” steel racing type wheel will be allowed.
3. No tire softener allowed.
4. No rain tires.

21. FUEL CELL

1. All fuel cells must be securely mounted in the trunk area. 10” Minimum ground clearance.
2. All fuel lines running through driver’s compartment must be fully enclosed in steel tubing. No aluminum fuel lines.
3. All fuel cells must have a roll over valve capable of preventing spillage.
4. Fuel cells must be steel encased, NASCAR type. Ballistic bladder type cells are highly recommended. 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.

5. Metal fuel filters only.
6. No alcohol, methanol alcohol, or nitrous oxide allowed.
7. Fuel cell protection is required. Material to be 1¾" O.D. x .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. Subject to tech.

22. OIL & TRANSMISSION LINES

1. No exposed oil coolers, lines, fittings, adapters or filters are allowed in driver's area.

23. BATTERY

1. Batteries located in driver's compartment must be fully enclosed.
2. All batteries must be securely mounted.
3. Battery (Safety) disconnect switch required. Easily accessible to driver and safety crew. Must shut off engine. Recommended location of switch is center of the dash. 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.

24. IN CAR COMMUNICATION

1. **2 way communication allowed. Raceceiver is MANDATORY**

25. SEASON POINTS and LINE-UPS

1. Points will be issued for qualifying using the following format
   a. 1st 8 points
   b. 2nd 6 points
   c. 3rd 5 points
   d. 4th 4 points
   e. 5th 3 points
   f. 6th 2 points
   g. 7th and back 1 point
2. Heat races and Main events will be lined up using qualifying times.
3. Pit Stewart will be in charge of invert draw

PERSONAL SAFETY EQUIPMENT

A. GENERAL

1. Evergreen Speedway is not responsible for the effectiveness of any personal safety equipment.
2. Each competitor is solely responsible for the effectiveness of personal safety equipment used during an event.
3. Each competitor is expected to investigate and educate him or herself fully in respect to the availability and effectiveness of personal safety equipment.
4. It is strongly recommended that during race conditions, any crew member that steps into the car servicing area, or is involved in fueling of the car be protected by fire resistant clothing and/or equipment that effectively cover the body, including helmet.

B. PROTECTIVE CLOTHING

1. Fire resistant clothing and equipment must protect all parts of a driver. Minimum 1 layer driving suit required. Multiple layer fire protection strongly recommended. No rain gear allowed at any time, even if racing in the rain.
2. IT IS THE RESPONSIBILITY OF THE DRIVER, NOT EVERGREEN SPEEDWAY, TO ENSURE THAT HE/SHE MAINTAINS, WEARS AND PROPERLY USES PROTECTIVE CLOTHING.

C. HELMETS

1. Drivers must wear a helmet meeting the specifications set forth in The Federal Regulations, Federal Safety Standard, or meet the specifications set forth by the American National Standards Institute Inc. at all times on the race track.
2. Snell SA2010 or newer only. Full face helmets required. NO EXCEPTIONS. No motorcycle helmets.
3. The driver must wear the helmet in accordance with the directions provided by the helmet manufacturer. Any modifications to the helmet for any purpose should not detract from its effectiveness.
4. It is strongly recommended that during race conditions, any crew member that steps into the car servicing area wear a helmet. No half helmets or M rated motorcycle helmets permitted.
5. It is strongly recommended that at all times any crew member involved in fueling the car wear a full-face helmet and a fire-resistant balaclava (head sock)

D. HEAD AND NECK RESTRAINT DEVICES

1. It is strongly recommended that at all times during any event (practice, qualifying and competition) drivers must connect their helmet to a NASCAR approved head and neck restraint device system. The head and neck restraint device/system when connected must conform to the manufacturer's mounting instructions and it must be configured, maintained and used in accordance with the manufacturer's instructions.
2. IT IS THE RESPONSIBILITY OF THE DRIVER, NOT EVERGREEN SPEEDWAY, TO ENSURE THAT HIS/HER DEVICE/SYSTEM IS NASCAR APPROVED AND CORRECTLY INSTALLED, MAINTAINED AND PROPERLY USED.

E. SEATS

1. Only custom manufactured aluminum seats approved by NASCAR are permitted.
2. All seats should have padded rib protectors and seat leg extensions on the left and right side. Full containment seats are highly recommended
3. A padded headrest approved by NASCAR is mandatory.

F. SEAT BELTS AND SHOULDER HARNESS

1. A quick release lap belt of no less than 3" wide is required. Both ends of the lap belt and both ends of the shoulder harness must be fastened to the roll bar with Grade 8 bolts not less than ½" in diameter.
2. The shoulder harness and lap belts must be bolted so that the ends of the belts move freely. Shoulder harness must be no less than 3" wide and must come from behind driver's seat, maximum 3" below the driver's shoulders or less than 10 degrees. Where the harness crosses the roll cage, it must pass through a steel guide welded to the cage that will prevent the harness from sliding side to side. Shoulder harness inertia reels cannot be used.
3. A center or submarine belt must be mounted to the lower seat frame at the bottom.
4. Where the belt passes through the seat edges, it must have a grommet installed, be rolled and/or padded to prevent cutting.
5. All seat belts and shoulder harnesses must connect at the lap belt with an approved quick release buckle.
6. Seat belts must be dated by the manufacturer and must not be used beyond five years after the manufacture date. Recommend replacement after two years.
7. It is recommended that HANS specific seat belts be used with HANS device. Head and neck restraint device highly recommended.

G. WINDOW NET

1. A nylon window screen is mandatory. It must be 22" wide and 16" high. It must release from top with seat belt type latches, and it must be fastened to the roll cage top bar and highest driver's door bar on the cage.
2. The window screen must be rib type made from 1" wide nylon material with a maximum of 1 ¾" square between the ribs.
3. All window net mounts must be welded to the roll cage.

H. FIRE EXTINGUISHER

1. It is mandatory that each car have a fire extinguisher within the driver's reach. It is strongly recommended you have a built in, fully charged Halon 1211 or equivalent fire extinguisher equipment with visible, operating pressure gauge, but it must not be dry powder or liquid type. The fire extinguisher must be securely mounted. (No fire extinguisher may be secured by duct tape or wire).
2. All entrants must have in their pit area as part of their equipment at all times a fully charged minimum 10-pound capacity dry chemical Halon or its equivalent with a visible operating gauge and current inspection certificate.

GENERAL INFORMATION

All participants are expected 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 the show. Cars in the opinion of the Officials that lack in appearance or are deemed unsafe will not be allowed to race until acceptable. All car construction rules will be decided by NASCAR tech inspectors. Burden of proof on any concern will be the responsibility of the driver. **ALL 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

1. Have the ambulance attendant check you out and fill out an accident report.
2. GET MORE MEDICAL ATTENTION IF NECESSARY.
3. **Inform the Speedway office if you need to open a claim.**
3. If you have follow-up treatments, please advise your doctor of the following
    a. Your insurance carrier
    b. NASCAR insurance claim number
    c. The date of the accident
    d. The time and place of your accident
4. Your doctor should then bill NASCAR directly.

It is the responsibility of the driver to ensure their car confirms to all rules and regulations at any time on the racing surface or anywhere on premises. This includes practice, qualifying and competitive racing.

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