

Wenatchee Valley Super Oval

"2015"

Mini Super Stocks

(Also reference WVSO General Rules and Regulations)

RULE BOOK DISCLAIMER

*The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **WVSO OFFICIALS** shall be empowered to permit any and all deviation from any of the specifications herein or impose any further restrictions to keep the competition close. Any interpretation or deviation of these rules is left to the discretion of the **WVSO OFFICIALS**, their decision is final.*

Your interpretation of any rule is not necessarily the intent of the rule as written.

Do not assume or take the position that you may bend the rules to fit your own desires & needs. If a rule is not clear to you or the car builder or the engine builder, please call WVSO Officials for clarification.

Doing so could save you time & money!

Ignorance or I thought it was okay will not be any excuse of any rule violation.

Be Safe, Race Hard & Have Fun!

No modifications except what is listed in these rules

"IF THE RULES DONT SAY YOU CAN, THEN YOU CANT!"

Any interpretation or deviation of these rules is left to the discretion of the WVSO OFFICIALS - their decision is final.

1. COMPETING MODELS

1. Competition will be open to American and foreign vehicles, 104" stock wheelbase or less.
2. Please call for Year, Make and Model questions before building your vehicle.
3. No turbo, supercharged or rotary engines allowed.

2. WEIGHT

1. Minimum weight, including driver is before the main event. 1% allowance after the race.
2. Front engine, solid axle, rear wheel drive: 2100 lbs.
3. Front engine, front wheel drive: 2000 lbs.
4. Front engine, rear wheel drive, independent rear suspension: 2400 lbs.
5. Any drive train layout with fuel injection: 2500 lbs.
6. Volkswagen with air-cooled engine: 1.0lb/cc
7. In fairness of competition, the Tech Director may adjust minimum weights on specific cars.
8. 56% maximum left-side weight.

3. ENGINES

1. Maximum 2400 cc OEM engine size / overbore to maximum 2600 cc allowed
2. Must be mounted in stock location and centerline.
3. Block OEM only, modification allowed.
4. After market and modified internal parts allowed.
5. Engine size in cc posted on left front fender.

4. CYLINDER HEAD

1. Cylinder head must be OEM for make of car. No racing heads allowed (i.e. Yates, Ford Motorsport, Cosworth, etc.)
2. Porting and polishing allowed on single cam (8 valve and 12 valve).
3. Porting and polishing NOT allowed on dual cam or 16 valve heads.
4. Four valve heads to be used only on correct cc factory block.
5. Any aftermarket or OEM valve train component allowed.

5. INTAKES

1. Modification allowed, after market allowed, adapters allowed.
2. Carburetor adapter: Maximum 2 ¼" allowed between mounting surface of carburetor and intake.
3. Only single throttle body allowed on fuel-injected cars.

6. CARBURETORS AND FUEL INJECTION

1. Any single two barrel carburetor allowed. Maximum 500 cfm
2. Choke horn may be removed.
3. Air cleaner mandatory at all time on carbureted cars F.I. cars aftermarket air box (K&N etc.) allowed.
4. Air cooled Volkswagen may use any carburetor setup with up to 650 cfm.
5. Must have two return springs.
6. Only single throttle body allowed on fuel injected cars.
7. OEM or after market ECU or after market PROM chip allowed to remove rev limiter.
8. All ECU will be subject to tech. No remote, wireless or laptop tuning will be permitted at the track. ECU port/ data link / connection may be sealed by tech.
9. No download of data from ECU will be permitted. If having computer problems, a tech official must be present before scanner (ODB code fault type) is connected to ECU. Official will be told what the problem is, if one exists, and shown the part (TPS, MAP sensor etc.) that is causing the fault.
10. Fuel injection Throttle body, injectors, fuel rail, sensors, must remain unmodified. Must be OEM, matching make and model, for engine being used.

7. ELECTRICAL SYSTEM

1. Must have working starter at all times.
2. Crank trigger ignition allowed.

3. A master on off switch must be located on the roll bar directly behind the driver's seat and accessible from the outside, or on the dashboard just right of the center, and must be clearly labeled.
4. Battery must be mounted securely in an approved battery box.
5. Battery to be mounted behind driver in front of rear firewall and as far left as possible.
6. Battery and fuel pump will not be permitted in the fuel tank area.
7. Alternator optional.
8. No in-car adjustable timing.
9. No magnetos allowed.
10. After market distributors and MSD units allowed.
11. Only one coil allowed unless OEM.

8. COOLING SYSTEM

1. Cars must carry an approved catch can or overflow tank; cannot be mounted in driver's compartment.
2. No anti-freeze or ethylene glycol coolants allowed. Red Line Water Wetter allowed.

9. LUBRICATION

1. No graphite based oil.
2. No dry sump systems.

10. EXHAUST

1. MUFFLERS ARE MANDATORY
2. Any exhaust system mounted through car must be covered in a neat safe manner. Subject to tech.
3. Must be securely mounted.
4. Maximum noise level is 95 DBA at 100 feet. STRICTLY ENFORCED.
5. Exhaust must extend behind driver and exit outside of car.

11. TRANSMISSION

1. OEM standard for make, adapters allowed.
2. Must have working first and reverse gear
3. Scatter shield mandatory. 1/4" steel or approved blanket with 180 degree coverage.
4. Starter mounting position must remain in stock location.
5. Front wheel drive vehicles May not use posi-traction or limited slip differential.

12. DRIVE SHAFTS - REAR WHEEL DRIVE

1. Must be stock production for make, model and year.
2. Must have 2 U-shaped brackets no less than 2 inches wide and 1/4" inch thick fastened to floor to keep drive shaft from coming dislodged.
3. Drive shaft must be painted white.

13. FRAMES

1. Original frame rails required. No lightening. May be reinforced.
2. Rear firewall with a minimum of 20 gauge steel is required between driver's compartment and the fuel cell.
3. Original floor pan required. Must be complete in driver's compartment, rocker panel to rocker panel.
4. Fender wells and strut towers may be removed.
5. No roll cage bars to the front bumper directly; must retain crush zone and are subject to tech.
6. All cars must have tow hooks, must be readily visible and available.

14. SUSPENSION

1. Must be per manufacturer, make, and model.

2. Reinforcing allowed
3. May be lowered
4. Coil-overs allowed
5. Springs optional: must be per manufacturer type (i.e. leaf, coil, or etc) make, model, and year.
6. Weight jacks, screw jacks, and adjustable sleeves allowed.
7. Sway bars optional, one piece only
8. Spindles and/or steering knuckles must be OEM or direct replacement
9. Control arms- modification allowed, OEM replacement or aftermarket allowed. Must be mounted in stock location
10. Mounts may be slotted, adjustable and/or heavy duty
11. Aluminum shocks allowed. Struts may be aluminum or steel body OEM or replacement, heavy duty allowed.
12. Pan hard bar allowed may be adjustable.
13. Wheel base must be within plus or minus one inch, not to exceed 104".

15. STEERING

1. Steering racks and steering boxes may not be moved or repositioned from stock OEM location
2. Hiem Joints allowed.
3. Steering column must be padded.

16. BODIES

1. All cars must have complete bodies, trunk/deck lid, hoods, fenders, etc.
2. No car will be allowed to run more than one week with fenders lost in previous competition.
3. All bodies must be installed on frame as per manufactured, and in the stock location.
4. Hood may be modified to clear air cleaner. Not to be overdone and subject to Tech.
5. Doors must be stock appearing; may be made of aluminum. All doors must be securely fastened.
6. Hood may be lightened and trimmed to allow aftermarket nosepiece. No wedge or dirt style noses allowed. Hood will have rolled edges with no sharp edges. Fiberglass replacement hood ok.
7. Fenders may be altered for clearance only, no handmade fenders. Fiberglass formed fenders ok.
8. Front hoods must use hood pins, rear lids/trunks if operable must use hood pins.
9. Side skirts and air dams allowed. Front and rear spoilers allowed, must be securely fastened. No fiberglass.
10. Rear spoilers must be mounted past the rear tires and may not protrude farther than the outermost edge of the bumper. Spoilers will not exceed the width of the body. One rear spoiler with a maximum height of 6". No sideboards.
11. Sunroofs must be removed and covered with minimum of .020-gauge steel. No aluminum.

17. BUMPERS

1. After market allowed
2. Cannot extend outside of body lines
3. Side nerf bars allowed: 1 1/2" maximum outer diameter tubing OR 1" x 2" rectangular tubing. Ends must be capped and smooth, no jagged or rough edges; must not extend past outer edge of tires.

21. FUEL

1. Gasoline only. No methanol or exotic fuels of any kind. NASCAR reserves the right to have all cars use the same brand of gasoline.
2. Electric fuel pumps allowed. If mounted in rear area, pump must be protected by a skid plate.
3. Oil pressure override mandatory.
 1. No fuel cooling cans or devices will be allowed.
 2. Any fuel lines that run through the driver's compartment must be enclosed in steel.
 3. No glass or plastic filters allowed.

22. BRAKES

1. All cars must have four-wheel brakes in operating condition. Tilton style dual master cylinder with brake bias allowed. A maximum of one proportioning valve on each car.
2. Rotors must be stock. No home built and/or drilled rotors.
3. A maximum of two ducts or scoops per brake with a maximum three inch flexible hose to the brake may be used for cooling.
4. No anti-lock brakes or components allowed.

23. WHEELS

1. Eight-inch maximum wheel width.
2. One piece steel wheels only.
3. No wheel spacers between wheel and hub.

24. TIRES:

1. Hoosier 10100 – 22.5/8.0-13 or 10110 – 23.0/8.0-13
2. Must be bought at WWSO

Last Revision: 12/17/2014