

# 2024 Roadrunner/ Youth Roadrunner Rules

This is a beginner, entry level class for learning and having fun. No tolerance will be given to those who do not compete to the spirit of this class. **This class will have a breakout rule that will be set at 16.75, that maybe adjusted at a later date. If your car breaks out in qualifying your time will be disallowed. If your car breaks out in a race you will be black flagged. If your car breaks out within the within the last 2 laps you will be scored as the first car a lap down.**

## **YOUTH ROADRUNNERS:**

**Drivers Must be between 12-17 years old, if the driver turns 18 during the season they must move up to Adult Roadrunners. Drivers are only allowed to race with the Youth Roadrunner class, if they race up with Adult Roadrunners they may not go back down to Youth.**

## **Body/Chassis**

1. Any four-cylinder passenger car that came from the factory with seating capacity for at least 4 persons and a maximum of one hundred four (104") wheelbase may be used.

Remove the carpet, head liner, door panels, and all mirror's except the outside driver's side mirror and all factory seats. Remove head and tail light glass and all window glass except windshield. The factory dash is optional, if the dash is removed, it must be replaced with an aftermarket dash.

No trimming of body panels allowed without tech approval.

Body: All OEM sheet metal and panels must remain stock and in place unless stated otherwise in these rules. OEM Stock Firewall and floor board must remain intact. Windshield OEM or maybe replaced with 1/8 " Lexan. Minimum of four (4) hood pins must secure hood, hinges may be removed. Absolutely no GUTTING of inner panels except the inner door panels for door bar clearance.

## **Engine**

Engines must remain untouched/stock and remain in stock location. Rotary engines, turbo, supercharged, Quad 4 engines are not allowed. No 4 wheel drive/all wheel drive cars allowed. Vtec to vtec cars(only cars that came stock with Vtec may run a Vtec)

**No alterations to the motor may be made, must remain in stock with all air cleaners, breathers, attachments intact, and in stock location. No adjustable timing gears or pulleys allowed. Motors must remain how they came from the factory. For ex: No mix- matching of heads and blocks. Carburetors must remain stock, no aftermarket carburetors.**

Rear ends must match the manufacturer and remain unlocked. No welded or posi-rear ends.

PUMP gas only! No racing fuel! No Tolerance. c. Water only allowed in the cooling system. Stop Leak allowed. NO ANTIFREEZE ALLOWED.

Transmissions must remain stock. You can run a manual or automatic transmission. a. Drivelines must be painted white. Driveline must have a metal strap or chained loop maximum 12" behind front u-joint.

**Tires must be stock DOT 400 tread wear and have tread showing across the complete face of the tire. Tires shall be no wider than a 205 series and no taller than a 75 series. NO RE-CAPS, NO RACING TIRES. All four tires and wheels must be the same size and offset/backspace. Wheels are to be a maximum of (6") six inches wide. Factory wheels with a 3 inch (3") back space or more okay. So, factory offset wheels with 3.5" or 4" okay. NO RACING WHEELS. NO WHEEL SPACERS.**

All camber shall be 1" MAXIMUM. Measured with car on level surface, with carpenter square against bottom of wheel to top of wheel. The minimum ride height is five (5") inches

**Stock OEM Springs only, no coil overs. No Racing Springs**

**No racing shocks allowed must be stock**

**No spring knuckles,**

**Suspensions stock per make and model, no aftermarket aluminum A -Arms.**

Cars should be brightly painted. ( try to avoid dark colors)a. Six inch (6") minimum number on upper windshield , passenger side or you will not run.

A fully charged dry chemical or halon fire extinguisher must be mounted inside the car within reach of the driver.

Roll cages are recommended. Six (6) point roll cage of 1 ¾ " tube steel x .095 wall seamless must be welded & secured to floor pan or frame. Must have 3 door bars on the driver's side and 2 bars on the passenger side, no bars past the front firewall, 2 rear bars are allowed into the trunk area.

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Additional bars may be required by Technical Director or Promoter after initial inspection for safety.

Upright pipe of at least 2" O.D. Between floor and roof behind driver. Both ends of upright must be at least 6" x 6" x ¼ ". Minimum of four (4) ½ " bolts on each end. A minimum of 2" O.D. Pipe crossbar must run from the door bar to the opposite of the of the car, this pipe must be attached to both of the upright and door bar.

Cars running electric fuel pumps MUST mount a clearly marked on/off switch within 6" of the drivers door. Driver must be able to reach the switch when securely fastened with seat belts. WVS0 Technical Director must be able to reach the switch from standing outside the driver's window. A brightly painted, solid square of at least 4" square must surround the switch.

Drivers required to have SA Helmet and fire resistant gloves. Safety Approved Racing seats required and must be securely mounted in an approved manner. Roll bar padding is required and must be around all bars within driver's reach. Five point racing seat belts required and must be mounted acceptable to the WVS0 Technical Director. Window net is required and must be mounted in an acceptable manner. Fuel Tank: If a stock fuel tank is ahead of the rear axle, it can remain in place. If the fuel tank is behind the rear axle it must be replaced by an approved Fuel Cell or boat tank securely mounted in the trunk. A complete rear fire wall is required between the drivers compartment and the trunk.

Battery may be relocated to behind the driver's seat, in a securely fastened, covered battery box mounted to the floor pan.

Other than transponders, race cars will not be permitted to carry any onboard computers, micro controlled processors, recording devices, cell phones, electronic memory chips, digital readout gauges or traction control devices.

Mufflers are mandatory, must be securely fastened and in working order. Loud mufflers will not be tolerated, 95 DB @ 100'. All exhaust must be muffled in stock location. Exhaust mufflers must be stock types be located in stock location. No glass packs allowed.

**Top of windshield is reserved for Track sponsor logo – no other decals allowed on windshield.** You will receive one Sponsor decal for free at the beginning of the season. There will be a \$10 replacement fee for each new one. If you don't run the Window decal you will not receive points or pay for that weeks event.

Any part or equipment found during an inspection or any other time, that does not meet applicable WVSO standards must be surrendered to WVSO Tech Officials at that time, and will not be returned. Failing to not give up the part or parts will result in a fine, and/or loss of points and/or suspension.

WVSO Officials reserve the right to make final decisions in the interpretation of any rules or race procedures at any time. No equipment will be considered as having been approved by reason of passing through inspection,

WVSO Officials recommend that you carefully study the WVSO rulebook in order to be familiar with all aspects of racing. If you are considering a part for modification or procedure not covered in these rules, contact WVSO Tech Official before proceeding with any purchases or modifications.

If you have any questions regarding the rules set forth, contact the WVSO Tech Official. In keeping with WVSO's commitment to maintaining proper balance in the competition arena, it may be necessary for WVSO to make rule changes and/or rule modifications from time to time. Such changes are designed to enhance close competition.

WVSO's goal of a full starting field of various makes in each race, that are equally matched as possible is certainly in the best overall interest of the sport.

EIRI: (Except in rare instances) Decisions of WVSO Officials are final and binding without exception.