



2024 Rules

Eligibility:

1. This division is limited to American manufactured autos from (1957 to 2020).
2. Jeeps, suburbans, convertibles, front wheel drives or two passenger, sports model cars, are NOT permitted. No fiberglass or plastic bodies allowed. Five Star S2 Sportsman body or the equivalent AR body will be permitted.
3. The minimum allowed wheelbase is (108") with a maximum (1") tolerance. The wheelbase on all cars will be measured from the center of the front axle, to the center of the rear axle. **If running a wheelbase smaller than 107" a penalty of minus 1% left side and add 100 lb. 105" max.**

Bodies:

1. All cars must have a steel or aluminum body and MUST be factory stock appearing, as if it were being shown on the dealer showroom floor. Fiberglass roofs are permitted.
2. All cars must have complete factory stock appearing hood/rear deck lid (with hood pins), bumpers, grills and roof in top quality condition.
3. Tires may not extend out beyond body sides.
4. After-market nose/tail pieces and 5 Star body panels will be permitted. AR bodies Street Stock Asphalt Camaro pn#1- 15015A, Mustang pn#2- 15015A and Challenger pn#3- 15015A, bodies permitted. Equivalent parts are also available from Five Star may be used. **If aftermarket body has any type of splitter on the nose add 25lbs and must be approved by the Series! This does not mean you can add one or fabricate one.**
5. Roof height must be a minimum of (48") and will be checked (10") back from where windshield and roof meet.
6. Body quality and appearance will be rigidly inspected at all times!
7. Must run all of our stickers at all times. Series stickers must go across the top of windshield on SS and on front of roof on mods. Contingency stickers must go on both sides of cars only. Not the bumpers, roof, hood or trunk.

Frames

1. Frames must be stock, from the steering box to the rear shelf, as from the factory for the year/make of chassis being used, with the exception of fuel pump and oil pan clearance, upper control arm mounts and rear packing shelf up and down. (eg: Metric chassis to Metric chassis; Chevelle chassis; etc.). Manufactured rear frame sections must be stock width for the frame being used. We do allow cut down chassis such as Chevilles ect. Bottom of the frame must remain unaltered at measuring locations. If it has been altered or plated we will measure from a different location at the discretion of our tech team. See tech for questions
2. Main frame rails may be (X) for support, and rusted portions may be plated.
3. Frame height minimum (6") to be measured from the ground to the bottom of the entire main frame rail. **If less than (6") frame height a penalty of ADD 50 lbs. (5") minimum. Under (5") frame height a penalty of ADD 50lbs and Minus 1% left side (4") minimum.**
4. Unibody frame cars must be factory for year/make/model car being used in front and back with one exception, front and rear frame sections may be tied together with tubing.
5. **Underslung chassis are allowed with a 25lb penalty. Nothing can be mounted on the bottom of the tubing. Shocks must be mounted inside of frame rail and in stock location**

Interior:

1. All upholstery fabric must be removed including the back seat.
2. Doors may be gutted.
3. Due to the shortage of used cars, you can use an aftermarket firewall and floor pan. That means only 20GA steel is to be used in the construction of the firewall and floor pan. The drivers' compartment may also be boxed in with 20GA STEEL ONLY. Or a foot box.
4. All sheet metal to be a minimum of .020 gauge material.
5. After-market throttle/brake/clutch pedals are highly recommended.

Hood/Rear Deck Lid

1. Hood pins must be installed.

Rub Rails

1. Must be in the centerline of the car between front and rear tires. Must be secured to the roll cage and be up against the body and must not be larger than (2") wide and (1") thick. No sharp edges. No other bars outside of the car are allowed.

Windshield/Mirrors/Radios, Scanner

1. Must have a factory stock windshield made of clear glass or Lexan in good condition at all times.

2. Back seat left & right side windows and rear window made of Lexan only will be permitted and recommended.
3. The use of one 4" spot mirror or rearview mirror allowed. (Mirror Diving Will Be Monitored)
4. The use of two-way communication is prohibited. Any communications between pit crew and driver will result in complete disqualification.
5. A one-way receiving radio scanner is MANDATORY and must be operational at all times.

Seat

1. Single, front racing seat mandatory, and must be securely fastened to the cage. Seat back must be firmly fastened to the cage member.
2. Seat mounted head, shoulder, and leg supports are strongly recommended. Hans or neck restraint are mandatory for ½ mile or bigger.

Roll Bars

1. Four point perimeter type roll bars required in all cars.
2. Minimum outside diameter (OD) is (1.75") and must have a wall thickness of (.095").
3. The top of the cage should form a box and follow the contour of the windshield in front and rear.
4. Minimum (3) door bars are required on the driver side.
5. Driver side door bars must be filled in with a (10) gauge steel door plate, with a minimum thickness of (.125"). Must be securely welded to the outside of the driver side door bar and cover the area from top door bar to bottom door bar and from rear hoop down post to front cage down post. The metal plate is to stop anything from entering the driver's area.
6. Front/Rear hoops are permitted.
7. ROLL CAGE INSTALLATION WILL BE RIGIDLY INSPECTED!

Spoilers

1. Rear spoiler maximum (6") high of material and no wider than the rear deck lid measured from top of bumper cover to top of spoiler.
2. Must be made with a clear plastic or lexan or polycarbonate.
3. Spoiler height from ground to top of spoiler cannot exceed (42") with driver in car.

Engines

1. NO ALUMINUM BLOCKS OR HEADS.
2. Engines must be cast iron. If running bigger than a 360ci or strokers, ADD 50lbs. If running smaller than 360ci DEDUCT 50lbs.

3. Any cast iron, straight plug cylinder head or angle plug is permitted. Guide plate and stud girdles are allowed. THE FOLLOWING ARE NOT PERMITTED: Gear Drivers, Oil Coolers or Dry Sump Systems. **If not running roller cams/lifters, DEDUCT 50lbs.**
4. Engine may not be set back farther than (#1) spark plug with the center of the left (driver) side upper ball joint. Engines must also be at 12 inches from the center of the crankshaft to the ground.
5. No shaft mounted rockers.
6. All part numbers must be legible and unaltered.
7. CRATE OPTION*
 - a. RACE-1 (330-540-7223) will be the only authorized engine purchase/conversion facility. All 602 Crate Engine purchases and conversions must be completed by Race-1 and will be sealed upon completion with Race-1 issued seals. These special seals will be required to compete. **IF USING 602 SEALED CRATE 150 LB WEIGHT BREAK AS WELL AS A 1% LEFT SIDE WEIGHT BREAK. 4 BARRELS ARE ALLOWED FOR CRATE ONLY. FOUR BARREL MUST BE A 650 HOLLEY CARBURETOR ONLY. UNALTERED, SEE CARB/INTAKE SECTION FOR REST OF CARB Rules.**

If at any time during inspection, Tech deems the engine in question illegal, all points earned up to that time will be forfeited and you will be banned from the series for the year!

Exhaust

1. Use of under the car headers are allowed, collector must be used.
2. Exhaust pipes may be maximum (3" O.D.) and must exit behind the driver.
3. No "H", "X" or two into one pipe.
4. 180 degree headers and over the top headers are permitted **with a 50lb penalty.**

Carburetion/intake

1. Carburetor will be limited to (1) 500cfm Holley (#4412) or (4412 CT) **ONLY** unmodified (air horn must be intact) (2bbl carburetor) with stock size venturi diameter and throttle bore, and must pass a gauge test. **NO HOLLEY 4412 HP CARBURETOR IS PERMITTED.**
2. Stock Boosters Only! If a carburetor adapter is to be used it cannot exceed (1") thick.
3. Carburetor must have (2) throttle return springs hooked to (2) different points.
4. A throttle rod is required. No factory throttle cable assemblies allowed.
5. Toe-type return gas pedal mandatory.
6. All part numbers must be legible and unaltered.
7. Air cleaner may not protrude through the hood.
8. Open intake

Fuel pump/ Fuel lines/ Fuel cell/ Fuel

1. Pump shall be a standard type unit installed on the engine only.
2. No electric fuel pumps or glass/plastic fuel fitters.
3. Fuel line must run under the car, and must be fastened to the underbody or frame of the car at no more than (24") intervals. It is recommended that rubber or plastic garden hose be used over metal fuel lines, and be fastened down with pipe straps.
4. Fuel cell to be a maximum (22) gallon commercial type cell bladder with foam insert, required. Must be mounted in the trunk area, in between frame rails, with the bottom of the fuel cell no lower than the bottom or rear-end center section.
5. Must use at least (2) two (1") wide straps to mount the fuel cell.
6. Rear protection bars are mandatory.
7. Only straight gasoline or racing fuel is permitted. NO NITRO, ALCOHOL OR NITROUS.

Battery/Starter/Ignition:

1. Battery may remain under the hood, or may be moved into the driver's compartment but must be mounted in a PLASTIC MARINE TYPE BOX in case of rollover.
2. Battery must be securely mounted down. NO RUBBER OR WIRE-TIE DOWNS!
3. Starter must be operable at all times and be able to start and move the car at all times.
4. HEI or single MSD ignition allowed.

Radiator/Catch Can

1. Any radiator allowed which will fit under the stock hood without cutting, dimpling or altering stock fit hood.
2. All cars must be equipped with a radiator overflow catch can.
3. The use of antifreeze is prohibited and will result in a \$100 fine, immediate removal from the racing event and a (1) week suspension.

Oil Pan

1. Must have a minimum ground clearance of (4").
2. Oil pan may be replaced from stock but may not be modified so as to allow lowering of crankshaft centerline.
3. Optional (8) qt capacity oil pan permitted.
4. No dry sump system

Transmission/clutch

1. Standard or automatic transmissions only.

2. Clutch must be a standard (10") factor production type with a pressure plate. NO SMALL CLUTCH, NO ALUMINUM PRESSURE PLATE OR FLYWHEELS or 10.000-RPM CLUTCH. **If running a double or triple disc clutch, ADD 50 lbs.**
3. No machining of any kind of flywheel.
4. Automatic transmission must have a functional O.E.M. Torque Converter, with O.E.M. stall speed.
5. Transmissions must have at least two forwards and one reverse gear.

Rear End/ Driveshaft

1. Must be steel driveshaft, painted white. No exotic materials allowed.
2. Rear trailing arms, upper and lower, must be stock style steel trailing arms for chassis being used. Mounted in single, non-adjustable holes. NO heim joints or adjustables.
3. No 3 link or panard bar setup.
4. Ford (9") rear end and/or floater permitted. We do not allow camber tubes or hubs.
5. No quick change rear ends.
6. NO aluminum driveshaft.
7. Driveshaft must have a t least (1) driveshaft loop.

Front/ Rear Suspension

1. Must be factory manufactured OEM, may use aftermarket ball joints.
2. Upper tubular A-frames are permitted. No offset restrictions apply. Aftermarket non slotted upper A-frame mounts will be allowed. (Can have multiple holes).
3. Lower A-frames must be OEM.
4. No modifications to the lower A-frames or A-frame mounts will be permitted.
5. Adjustable center links will be permitted. Must be unaltered.
6. Front load bolts are permitted.
7. Sway bar must be one piece, no spline.
8. Rear load bolts or twist blocks permitted.
9. No coil binding.
10. Racing springs and spring rubbers permitted. Leaf springs must have the same number of leaves on both sides. No composite springs. **SUSPENSIONS WILL BE RIGIDLY INSPECTED! ALL PART NUMBERS MUST BE LEGIBLE AND UNALTERED.**

Shocks/Springs

1. One steel shock per wheel. Shocks must be steel, economy type. May not be externally adjustable and may not be gas rechargeable.
2. Rear shocks must be in stock location, with springs inside of the frame rails.
3. Schrader Valve, Coil over, and Coil over Eliminators are NOT PERMITTED.

4. Total racer cost of less than (\$210) per shock new (Speedway Motors Catalog/Motorstate). Shock rule to be strictly enforced.
5. Bump stop technology is NOT PERMITTED.
6. Minimum (5") spring.
7. Shock Claim Rule is \$250 (See Procedures Section)

Hubs/Spindles

1. Must be an OEM spindle (GM to GM, Ford to Ford, Chevy to Chevy, etc.). No AMC Pacer spindles
2. Studs for wheels must be ($\frac{5}{8}$ ") diameter minimum.
3. No wide five's.
4. No drop spindles allowed, unless taking the penalty for a 5" frame height.
5. Safety hubs are strongly recommended and will be mandatory at some facilities.

Steering

1. Must use a stock steering box in stock location and have a minimum of (2) universal joints.
2. NO RACK AND PINION or CENTER STEERING!
3. Collapsible steering column highly recommended.
4. Adjustable center links will be permitted. Must be unaltered.
5. Aftermarket tie rods will be permitted.
6. Must be stock inner tie rod, outer can be heimed.

Brakes

1. Shall be factory stock hydraulic type brake, operating all four wheels at all times.
2. Brake inspection and/or test may be required at any time.
3. ALL NON-MECHANICAL TRACTION CONTROL DEVICES INTENDED FOR LIMITED WHEEL SLIP ARE PROHIBITED. NO WIRING OF ANY TYPE PERMITTED TO FRONT/REAR WHEELS OR SUSPENSION.
4. Rear disc brakes are permitted.
5. Stock appearing steel calipers only.
6. Brake bias adjuster allowed.

Tires/Wheels

1. Tires are to be mounted on a steel racing wheel with a maximum width of (8") measured from outside bead of rim to outside bead of rim at hub height, with a (15") diameter.
2. Wheel width of (77") will be measured from bead of rim to bead of rim front and rear. At hub height. With 1" tolerance.

3. We will allow you to purchase **6 Tires Opening Day ONLY any other event you can purchase up to 4.**

Weight

1. All cars weigh a minimum of 3200 lbs. With a maximum (57%) left side weight and (49%) rear. Exception for Crate cars, which are to weigh 3050 lbs. With a maximum (58%) left side weight and (49%) rear weights.
2. All cars will be weighed before the feature and may also be called to tech at any time to verify minimum weights.
3. All attached on weight **MUST** be securely fastened to the car and must be painted white, with the car number for identification.
4. Weights must be written on the windshield prior to tech.

Paint/ Lettering

**** All cars must be professionally painted, neat in appearance and professionally lettered at all times.****

1. Numbers must be professionally printed on both sides and on the ROOF of the car, readable from the right side, in minimum twenty-four (24") heights with a four (4") stripe width in a color offering contrast to the color of a car.
2. A four (4") number with the letter (SS) lettered in white or yellow located on the upper right side (passenger side) of the windshield.

Transponder

1. Transponders are to be mounted to the rear end or packing shelf. **NO EXCEPTIONS!**

Safety Equipment

1. All drivers must be protected at all times with a clean SFI or equivalent full fire driving suit, fire retardant gloves, shoes, quick-release lap belt, shoulder harness and headrest.
2. Hans, Hutchens or equivalent head and neck restraint is highly recommended. **Hans or neck restraint are mandatory for ½ mile or bigger.**
3. A Snell-Rated helmet SA2005 or newer is required. Sticker must be visible and verifiable.
4. Harness and seat belts are required to be a five point system with lower crotch belt (six point systems are recommended). Mounting attachment bar for the shoulder harness must be at shoulder height of the driver and the harness should not bend or change direction. Belt systems must be a minimum of (2") SFI approved units, dated within three years to date.

5. All cars must have a (2 ½) pound minimum B and C dry chemical fire extinguisher, with gauge mounted within easy reach of the driver and in working order at all times.
6. An engine ignition kill switch must be mounted within the driver's reach and must be marked 'OFF'/'ON', NOTICE/WARNING: All part numbers must be visible and unaltered. If part number is not legible or has been altered in any way it will be determined to be illegal and not permitted for use. If any items are found to be illegal, The Ohio Wheelman Series and/or its Track Officials reserve the right to confiscate any illegal parts. REMEMBER: The Ohio Wheelman Series and its officials reserve the right to change specifications/procedures/competition rules, and add/or subtract cars to the field at any time. Those who sign-in and/or start in an event agree to be governed by these rules and by all decisions of the Speedway and its officials.

We hold the right to inspect any registered car at any time.