2018 MAHONING VALLEY SPEEDWAY

STREET STOCK DIVISION RULES

ALL CARS MEETING THESE RULES AND SPECIFICATIONS
WILL BE ELIGIBLE TO RACE

GENERAL RULES:

1. Interpretation of rules will be at the discretion of the Technical Inspector.
2. All decisions by track officials will be final.
3. These rules are intended to be a guideline in constructing a car. If the rules do not state you MAY do something, and then assume that you MAY NOT!
4. Any time the word "stock" or the term "OEM" is used to describe cars, parts or components, it is defined to mean a part or component as it is available over the counter from General Motors, Ford Motor Company, Chrysler Corporation or AMC authorized dealers.

STREET STOCK STYLE BODIES:

1. American made steel bodied passenger cars from 1970 and/or newer with one hundred inch (100") wheelbase, minimum. NO aftermarket bodies are allowed. Aluminum bodies are allowed with stock steel roof but must look stock appearing. Fiberglass hoods allowed.
2. Car body and overall appearance must remain stock dimensions.
3. Car must have full OEM frame from center of rear axle to front as it came from the factory.
4. The body must be mounted in original factory stock location in relation to the frame.
6. All glass must be removed.
7. Windshield must have four (4) three inch (3") tabs – two (2) on the top and two (2) on the bottom, plus three (3) inner center braces. Windshield must replaced with Plexiglas, Lexan, or approved screening. Stock dimension windshield pillars must be retained. Windshield pillars and windshield angle must remain stock.

8.A - No side or rear glass, plexiglass or lexan.

8. Doors may be dzused or bolted in a way that it's safe, front and back.
9. Body molding, including door handles, must be removed.
10. Hood scoops are permitted 4" max heights no air boxes. Scoops must be closed.
11. Drivers must sit in stock position.
12. Pedals must be in stock position.
13. All cars must be neatly painted and professionally lettered. Numbers must be two (2) digits only from 00 to 99.
14. Numbers must be a minimum of eighteen inches high (18") high and three inches (3") wide.
15. Floors must be stock, front to rear.
16. Rear spoilers no higher than 5".

CHASSIS SPECIFICATIONS:

1. Battery must be anchored and mounted inside a spill-proof container outside of driver's compartment or under the hood.
2. The battery may not be located inside the driver's compartment
3. Front firewall must be original in appearance with all holes covered with no less than twenty (20) gauge steel and must remain in original position and location.
4. Rear firewall must be completely closed off from trunk compartment with eighteen (18) gauge steel that must be riveted or welded. No metal screws.
5. Front frame must be completely stock from front to transmission cross-member. Mounting holes except cutting for fuel pump clearance on cross-member and the tip of cross-member for center-link clearance and for spring pockets allowed only.

5A. – The A frame mounts must be in stock location. (Angle) must be stock height…no extra holes.

6. Front inner fender panels may be removed. Stock front and rear bumpers must be in original location. No bracing outside of bumper. No reinforcing of front bumper.
7. After-market rubber glass noses and/or tailpieces will be allowed, but must follow OEM design. OEM noses and tailpieces for year and body, originally equipped, will be permitted.
8. All uni-body cars must have a minimum two inch (2") by three inch (3") sub-frame. The sub-frame must be no less than .120 wall thickness.
9. No front-wheel drive cars allowed.
10. Minimum one and one half (1 ½") by .1.20" or one and three quarter (1 ¾") by .095" round steel seamless (or DOM) tubing recommended for roll cage.
11. All cars are required to have a rear vertical hoop, behind and above the driver's head, connected to left and right front roll bar by a roof hoop.
12. The front roll bar legs must follow the contour of the windshield post and cowl. Maximum distance from windshield to rear of roll bar should be no more than four inches (4").
13. A diagonal bar, from the top left to bottom right must support the rear vertical hoop.
14. A roll bar must connect the left and right of the rear vertical hoop at seat height and across the floor pan at the bottom. An additional bar must be installed at dashboard level, extended from the left front roll bar leg to the right front roll bar leg.
15. A petty bar must be installed from the center of "X" in a rear hoop, running to the bottom of the right front roll bar leg.
16. Uni-bodied cars must connect to four (4) main points of the cage with a three inch (3") angle iron (.095 wall) or box tubing with a minimum .095 wall thickness. The angle iron or box tubing must be bolted throughout the uni-body in eight (8) places along the left and right side. A minimum of three (3) door bars on the left side and two (2) door bars on the right side must be used. Left side door bars must be convex in shape and must extend into the door panels.
17. Door bars must be attached to each other and to the frame with vertical bars. Minimum one-eighth inch (1/8") by one and one half (1 ½") gussets must be welded into all main cage joints and to driver's door bars.
18. A radiator hoop may be utilized in front of the cage with a maximum of four (4) upright supports.
19. Must have a metal fan shroud covering the hole on the radiator loop.
20. Rear hoops are allowed. Rear cage supports may extend to the rear of the frame.

21. Stock OEM brakes are mandatory on all four (4) wheels and must be in 100% working order. No heavy or limited production parts. No adjusting devices in driver area.
22. All cars must have a fuel cell. Plastic cells are permitted, but must be enclosed in a steel container made of minimum twenty (20) gauge steel. Eight gallons is recommended. Roll over valve installed in the overflow.
23. Fuel cell must be mounted in the center of the trunk. No offset permitted. Bottom of cell 10" may not be lower than stock frame. Fuel cell must be securely fastened, bolted and strapped.
24. Stock mechanical fuel pumps only – no electric fuel pumps.
25. A bolt-on, quick release steering wheel hub MUST be used on the steering column.
26. Rear frame rails may be 2x3 tubing frame can be "x" for reinforcedment. No under slung frames. Full frame cars may use 2x3 from centerline of rear axle to rear of car.
27. Trunk floor may be removed.
28. Minimum ground clearance 4" on sub-frame cars.
29. Wheel base must be OEM spec. for make and model of car

ENGINE SPECIFICATIONS:

1. Stock, unaltered engine and transmission combination must be within chassis as a factory item, including all engine accessories, except for air filters and valve covers. No external performance accessories permitted.
2. Edelbrock performer intake pn# 2101 or 2116 and unaltered Holly R4412, 500 cfm, carburetor, mounted on a 1"adapter plate.
3. No V-6 engines permitted. All engines blocks must be standard production block and must have stock external and internal measurements.
4. Engine may not be in excess of 360 cubic inch.
5. Engine must match the make and model of the car used.
6. Engine must be in stock location (front, back, left, right).
7. Headers are allowed (no cross over headers permitted)
8. All engines must be stock OEM type flat top pistons plus stock OEM production rods, crank and block.
9. Cylinder heads stock OEM cast iron only.
10. No porting, polishing or grinding. Heads must have stock internal and external measurements.
11. May use World Products stock replacement heads on Chevy and Ford Windsor. Intake 194 and 150 exhaust.
12. No Boss, Modified or Cleveland heads. No Chrysler Hemi or Pontiac Ram-Air heads allowed. (No Chevrolet angle plug heads). Studs may be pinned and use three-eighth inch (3/8") or seven-sixteenths (7/16") screw-in rocker studs only.
13. Guide plates allowed. No stud girdle.
14. Any hydraulic or flat-tappet camshaft may be used.
15. Hydraulic valve lifters or solid valve lifter may be used. No mushroom or roller-type valve lifters are permitted. Roller rocker arms will be allowed 1.6 ratio only. No shaft type roller rockers will be allowed.

16. No cross-breeding or interchanging of engine parts. All components must have been available on a two-barrel motor from the factory. No special order components.
17. Radiators must be brass and copper, or aluminum – STOCK TYPE. No antifreeze. Must have overflow can.
18. No duel points allowed.
19. Cars must have starter in working order. No after-market components allowed.
20. Stock production, unaltered OEM standard or automatic transmission allowed. All forward gears must be working
21. No high performance or special order transmission allowed.
22. No modifying of transmission in any manner allowed.
23. Reverse gear must be in working order.
24. No lightweight or racing clutches allowed.
25. Blow-proof steel bell housing mandatory for standard transmission.
26. Automatic transmission must use stock working torque converter only.
27. All cars must be able to move under their own power and be self-starting.
28. Shifting on starts is not permitted.
29. Exhaust pipes must extend behind the driver's door.
30. MSD HEI distributor allowed. No MSD Boxes. No RPM rev limiters allowed. No magnetos allowed.
31. Stock type steel flywheel, clutch and pressure plate ONLY. Minimum weight of flywheel will be 15 pounds. Minimum weight of pressure plate will be 13 pounds. Minimum weight of clutch disc will be 3 pounds.
32. Optional GM Crate Motor: Part # 809-88958602

SUSPENSION SPECIFICATIONS:

1. Suspension parts must be stock for make and model. Racing springs may be used, however, they must be of the same design as original equipment and must mount in original spring mounting bracket position and location.
1A. Rod-end allowed on spindle side of tie-rod only.
2. Only four (4) springs are allowed per car and must be stock in appearance.
3. Coil springs may be cut.
4. Racing shock are permitted. No aluminum adjustable or re-valve-able shocks allowed.
4A. Any steel body shock – nonadjustable – non rebuildable.
5. May use OEM shock. Spring three-quarter inch (3/4") diameter, maximum.
6. Stock sway bar must be OEM type. Adjustable links allowed. No Howe bars allowed.
7. No rear sway bar.
8. After-market suspension bushing allowed.
9. Locked rear ends, but must be stock OEM type. Ford 9" allowed (no floaters).
10. Steel drive shafts only. Drive shaft and universals must be similar to standard production style. Steel 360 degree retainer loops one quarter inch (1/2") thick by one inch (1") wide, minimum. Must be positioned at the front and rear of the shaft within twelve inched (12") of each u-joint.
11. Drive shaft must be painted white. No chains permitted.

12. Rubber neoprene bushings are allowed and steel or aluminum.
13. Only one weight-jacking device allowed on each wheel (front and rear).
14. Coil cars only may use a rear OEM panhard bar non-adjustable but all other stock bars must remain in place and in use. (No 3 link suspension).
    14A. Adjustable upper rear but must be factory ends. Lowers must remain in stock length.

SEAT SPECIFICATIONS:

1. Driver's seat must be supported by, minimum one inch (1") diameter steel tubing welded directly to the cage.
2. Roll bars and headrest in the driver's area must be padded.
3. Drop down window nets are mandatory.
4. All seats must be of racing design and must have a headrest or high back seat.
5. Seat must be attached to the roll cage and the frame.
6. Back of seat must be mounted to the roll cage.
7. Aluminum seats are mandatory.
8. A minimum three inch (3") quick release lap belt and a three inch (3") shoulder harness that is no older than two (2) years.
9. A crotch strap is mandatory.
10. Shoulder harness must be connected to the roll cage.
11. All lap belts must be mounted behind the seat and attached to the roll cage, harness must be attached below shoulder level.
12. Absolutely NO original equipment belts are permitted.

BUMPERS AND RUB RAILS:

1. The purpose of rub rails should be constructed as a means of added protection to the driver.
2. One side rub rail in between wheel opening mount in line with the center of front and rear bumper is allowed. One and one quarter inch (1 ¼") to one and one half inch (1 ½") round pipe is acceptable, mounted one inch from body side.
3. All ends must be rounded to the body contour.
4. Rub rails must be mounted to main cage supports or to the frame of the car (mounting just to the sheet metal side of the car will not be permitted).
5. All cars may have one (1) side rub rail per side and must be constructed of one and one quarter inch (1 ¼") pipe.
6. Rub rails should be mounted as to be in line with the center of the front and rear bumper height.
7. Rub rail is to be mounted in between the front and rear wheels.
8. No square ends or sharp, protruding edges are permitted.
9. 1 loop on top of bumper only.max 6" high with max overall bumper height 12".
10. Bumper height will be 18" to 22"center of bumper.

TIRES AND WHEELS:

1. Track tire rules apply.
2. All wheels must be the same diameter. Either fourteen-inch (14") or fifteen-inch (15").
   No wider than eight inch (8") stock wheel.
3. Racing wheels are required.
5. No slicks or grooves permitted.
   NOTE: Should the quality of racing deteriorate, this rule may be amended with a two week notice.
6. Track width – no wider than 78" – will be checked from outside of side wall to outside of side wall at axel height.

WEIGHT:

1. Cars must weigh minimum 3000 pounds with driver at all times. There is no allowance for gas after race. Maximum 56% weight on left side.

SAFETY:

1. A dry chemical fire extinguisher with quick release is mandatory. The extinguisher must have the gauge within easy reach of the driver. It is mandatory that the fire extinguisher be securely mounted to the right of the driver on the driver shaft hump, and must be clearly visible by track officials at all times.
2. Engine shut-off kill switch must be mounted in the driver's compartment on the right side of the steering column or on the right side of the dashboard, if so equipped, within easy reach of the driver, and must be clearly visible and of easy access to track officials. The switch must be marked "ON" and "OFF" and be painted in bright colors.
3. Encased fuel cells are mandatory and must be securely mounted to the rear frame. Cells must be located between the rear frame rails and to the rear of the driver's compartment. Rear firewall is mandatory (see bodies) between cell and driver's compartment.
4. Fuel shut-off valve must be in plain view and mounted to the right of the driver on the petty bar within easy reach of the driver, and must be clearly visible and accessible to track officials. The shut-off must be clearly marked (ON and OFF and be painted bright orange).
5. Fuel lines in the driver's compartment must be encased.
6. Driver's side net with a quick release mechanism is mandatory.
7. All roll bars, side bars, or other protrusions that a driver may come in contact with must be properly padded.
8. Nomex hoods and driving shoes are strongly recommended.
9. Full face helmets with shield strongly recommended. All helmets must be a minimum Snell racing type. SA 2010 or newer.
10. Two layer racing uniform strongly recommended. If a single layer suit is worn, full Nomex underwear MUST be worn.
11. Racing gloves are mandatory.
12. No interior shields to the right of the driver will be allowed and interior metal in this area must be on an angle and below the driver's shoulder height.

RULES SUBJECT TO CHANGE