

MAHONING VALLEY SPEEDWAY

STREET STOCK DIVISION RULES

2025

ALL CARS MEETING RULES AND SPECIFICATIONS WILL BE ELIGIBLE TO RACE

These rules are intended to be guidelines in constructing a car. **If the rules do not state you MAY do something then assume that you MAY NOT!**

STREET STOCK BODIES

1. Any steel, aluminum, or composite plastic allowed. Nose pieces of cars must not be slopped at bottom or wedged.
2. Bodies DO NOT have to match chassis brand. However the body wheel openings must have the chassis being used stock wheel base.

EXAMPLE: MUSTANG BODY CAN BE ON A CAMARO CHASSIS, CAMARO BODY ON A MONTE CARLO CHASSIS.
3. THE CHASSIS BEING USED MUST KEEP STOCK WHEEL BASE!
4. May use any material for roof, hood, including fiberglass.
5. All cars must have tow hooks, on front, and rear of car. NO CABLES!
6. NO LATE MODEL STYLE NOSE PIECES ALLOWED!
7. Windshields can be replaced with Lexan, or approved wire screening.
8. Must have min. of (3) 1inch straps on inside of windshield or screen for support.
9. No side or rear window coverings allowed.
10. May use bolts, dzus buttons, rivets to fasten body to car.
11. Hood scoops are permitted 4" max height, NO AIR BOXES! Scoops must be closed.
12. Drivers must sit in stock location on left side of car.
13. Pedals must be in stock location. Throttle pedal must have toe strap.

14. Floors must be stock front to rear. If replacement of sections are need can use 20min. steel to cover floor.
15. Rear spoilers may be no higher than 5".
16. Cars MUST HAVE numbers that are a min. of 18" high, 3" wide.
17. Lead acid filled batteries MUST be in a spill proof container.
18. Batteries may not be in drivers compartment!
19. Must have a master battery cut off switch in drivers reach and MUST BE PAINTED YELLOW OR ORANGE .Must be marked ON&OFF.

ROLL CAGE SPECIFICATIONS

1. Min. 1 ½" by .120 wall or 1 3/4" .095 wall tubing. Round tubing. DOM TUBING RECOMMENDED.
2. All cars must have a rear vertical hoop behind and above drivers head connected to left and right roll bar by roof hoop.
3. Front roll bar legs must reach to firewall and connect to main frame.
4. A diagonal bar from top left to bottom of rear vertical hoop.
5. Bar must connect to the left and right of rear vertical hoop at seat height across floor area.
6. Bar must be installed at dashboard level across left to right of front roll bars.
7. Petty bar must be installed from center of rear hoop to bottom of RF roll bar leg.
8. Uni body cars must connect to (8) main points of the cage with 3" angle iron (.095 wall) or box tubing MIN .095 wall.
9. Angle Iron or box tubing must be welded or bolted in eight places along left and right side with 1/2" grade 8 bolts.
10. Min. of 3 door bars on left side and 2 on right and must use gussets at attaching points.
11. Left door bars must be convex in shape and must extend into door panels.
12. **INSTALLING DOOR BAR PLATES BETWEEN BARS ON DRIVERS SIDE ARE HIGHLY RECOMMENDED!**
13. Radiator hoop may be installed in engine compartment with max. (4) upright supports.
14. Rear cage supports may extended to rear of frame.

15. Frame height is 4" MIN. INCLUDING BODY

CHASSIS SPECIFICATIONS:

1. Suspension parts must be stock for make and model of chassis being used.

2. Racings springs are allowed, but must be same design of original equipment and mounted in original location.

3. Tie rods can be replaced with hem ends on SPINDLE SIDE ONLY. Inner tie rod must be stock design and location.

4. Racing shocks allowed.

NO ALUMINUM SHOCKS!

ANY STEEL BODY REBUILDABLE IS ALLOWED

NO ADJUSTABLE, SCHRADER VALVED, OR CANISTER TYPE SHOCKS ALLOWED!

5. Stock type sway bars only. Adjustable links allowed.

6. NO TORSION TYPE SWAY BARS ALLOWED!

7. Rear sway bars are not allowed.

8. After market suspension bushings allowed.

9. Locked rear ends allowed, must be stock type for chassis being used. Ford 9" allowed.

10. NO FLOATING REARS ALLOWED!

11. Steel driveshafts only. 3" tubing only. Universal joints must be standard production.

12. Must have 2 driveshaft hoops MIN. 1/4" thick, 1" wide. Must be located 12" of each UJOINT. NO CHAINS!

13. Driveshaft must be painted white.

14. Only 1 weight jacking adjuster per wheel.

15. Can remove stock firewall, must have a complete closure of cockpit. Min. 20 gauge steel.

16. Rear firewall must completely close off trunk compartment with Min 20 gauge metal riveted, bolted, welded. NO SHEET METAL SCREWS!

17. If using Camaro subframe it must be stock from front of steering gearbox to transmission cross member.

18.If full frame cars are used stock from front of steering box to center of rear axle. Tubing can be used from center of rear axle to rear bumper.

19.Frame mounts for front suspension be in stock location.NO ANGLES OF CONTROL ARM MOUNTING! No extra mounting holes.

20.Any stock subframe that is altered before rear of stock transmission cross member will have a 4 ¾ FRAME HEIGHT MIN.AND MUST ADD 100LBS.

21.Mountings holes except cutting for fuel pump clearance, and tip of front cross member for stock center link are not allowed.

22.#1 spark plug location will be 11 1/2"from steering gear adjusting nut.

23.Rear of frames can be reinforced with tubing.NO UNDER SLUNG FRAMESUPPORTS.

SPINDLES:

1.Stock/OEM passenger car spindles only.

2.No corvette or dropped spindles except for Monte Carlo chassis. Monte Carlos can use STOCK appearing drop spindles.

3.Spindles must be for type of chassis being used, No switching of Fords on Gm etc.

4.Safety hubs and rotors are allowed on RF.

BUMPERS

1.Stock front and rear bumpers must be in original location.

Any stock appearing bumpers. Front & Rear height must be 18'-22"from ground.

Any damaged bumper must be repaired to keep required height!

2.If using after market nose pieces can use MAX. of 1 ½ tubing on inside of nose .Must have tow hooks.

3.Rub rails:1 bar perside.MAX.1 ½ tubing mounted inside or outside of doors, between front and rear wheels. Must be center of bumpers height.

4.Rub rail ends must contour to body, no more than 1 ½"from body.NO SQUARED OFF OR SHARP EDGES!

BRAKES,FUEL CELLS,STEERING

1.Stock OEM brakes mandatory on all 4 wheels. All 4 brakes must be in working order.

- 2.Rear disc brakes allowed on cars with drum brakes. Any weld or bolted on caliper brackets. Single piston CAST IRON caliper only.
- 3.Any factory drum, or any one piece or two piece steel rotors without lightening holes.
- 4.Aftermarket master cylinders allowed, no adjusting devices in drivers reach!
- 5.All cars must have fuel cell. Must be in a steel container min.20 gauge steel.22gal.Max.
- 6.Must have roll over valve.
- 7.Fuel cells must be mounted in center of trunk area.
- 8.Bottom of fuel cell must be no lower than 10" from ground at chassis racing height.
- 9.Fuel cells must be secured with straps and bolts to chassis.
- 10.Ground wire must be installed from cell to chassis.
- 11.Mechanical fuel pumps only.NO ELECTRIC PUMPS!
- 12.Fuel lines in drivers area must be incased in a fireproof enclosure.

- 114.Pump gas, or racing fuel ONLY.NO METHANOL.OR OXYGENATED FUELS.

ENGINE SPECIFICATIONS

- 1.Any overhead valve V8 American Manufactured Production engine with MAX.360cu.inch. will be permitted.
- 2.GM cars must have Gm engines, Ford cars must have Ford engines, etc.
- 3.No LS or V-6 engine allowed.
- 4.Stock Bore and Stroke only. MAX. .060 over. Engine must match make and model of car used. No cross breeding.
- 5.Flat top pistons only, with 1/16,1/16,3/16 ring combination min.
- 6.All engine blocks must be standard production with inside and outside measurements.
- 7.Connecting rods-stock or stock replacement 5.7" I-BEAM,must weigh the same as stock.NO LIGHTING OF RODS.
- 8.Max bore .060.Compression 10.5 Max.
- 9.Stock weight cranks only.
- 10.Cylinder heads must be cast iron stock. No bowtie, or Vortec bowtie heads.

11. May use WORLD PRODUCTS #4266,4267,DART #100-210-70,100-210-10,100-242-66,100-243-65,100-263-64,100-243-70.
12. WORLD PRODUCTS #5303B FOR FORDS.
13. WORLD PRODCUTS STOCK REPLACEMENT HEADS .
14. NO BOSS ,MODIFIED OR CLEVELAND,CHRYSLER HEMI,OR PONTIAC RAM-AIR ALLOWED.
15. Studs may be pinned or 3/8,7/16 rocker screw in studs allowed.
16. Guides plates allowed, NO STUD GIRDLES!
17. No porting, polishing or grinding. Must have stock internal and external measurements.
18. Any hydraulic or solid flat tappet cams allowed.
19. Roller rockers 1.5,or 1.6 ratio allowed.
20. NO SHAFT ROLLER ROCKERS ALLOWED!
21. Optional GM CRATE #809-88958602 is allowed with 2bbl 4412 carb. Even if engine has GM seal it is still subject for tech inspection.
22. Crankshaft is min. of 12" height at race trim.
23. Edelbrock performer intake #2101,#2116 and unaltered Holley 4412 2bbl carburetor only. Mounted on 1"adapter plate.
24. Choke components may be removed, CHOKE HORN MUST REMAIN.
25. Throttle plate screws can be cut flush with shaft.
26. All carburetor must pass MVS TECH GAUGES!
27. Check with Tech. Inspector on any intakes for Chryslers
28. Stock single point or electronic ignitions.NO DUAL POINTS.
29. Msd HEI distributor is allowed, NO RPM CONTROL OR ADJUSTING DEVICES ALLOWED.
30. NO IGNITION BOXES,NO MAGNETOS
31. Vacuum advance may be removed.
32. Headers allowed,3" collector max.
33. CROSSOVER HEADERS ARE NOT ALLOWED.
34. Must have 2 mufflers. Can not exceed 95db.

35.NO ANTIFREEZE! Water only. Must have 1gal.overflow container.

36.Must have metal fan schroud.

Transmission and Clutches

1.Stock production ,UNALTERED OEM standard or automatic allowed.

2.No modifying or removing gears from transmission.3speeds have all 3 gears,4spds all gears. All transmissions of any type need Reverse gear working.

3.Blow proof bellhousing mandatory for manual transmission.

4Automatic transmission need SFI rated scatter shield.

5.No lightweight clutches.

6.Min.weight of flywheel 15lbs,Pressure plate min.13lbs,clutch disc 3lbs.

7Automatic transmission stock torque converter(no lock up converter),or direct drive.

8.Torque converters MIN.12" in diameter, measured at main body of converter, not the mounted spots.

9.Transmission coolers can not be mounted inside drivers compartment.

Weights and Percentages

1.All cars must be at weight with driver.

2.Min.weight after race with driver 3,000,56% left side MAX. 4"frame height.

3.Subframe cars with altered subframe before rear crossmember

3,100lbs 4 ¾ frame height.

4.Track width is 78"max.Checked from outside of tire sidewall,at axle height.

SEAT SPECIFICATIONS

1.Drivers seat must be supported with MIN.(1")steel tubing welded to cage.

2.Roll bar padding must be installed in drivers area on top of cage, door bars, and by legs.

3.Seats must be of racing design with head rest and high back seat. Must be aluminum.

4.Seat must be mounted with grade 8 bolts on lower seat and seat back to cage.

5.Drop down window nets, mandatory.

6.Seat belts minimum (3")quick release lap, shoulder, and crotch strap.

7.Belts can not be older than 2yrs.marked on belts.

8.Shoulder harness must be connected to roll cage, and below shoulder level.

9.Lap belts must be mounted to roll cage behind seat.

SAFETY

1.Dry chemical fire extinguisher with quick release must be in drivers reach. Must be visible to track workers.

2.Engine shut off, and fuel shut off valves must be in drivers reach, marked orange or yellow. Also must be visible to track workers. Must be labeled on and off.

3.Drivers steering wheel must have quick release coupler.

4.Two layer NOMEX suits are recommended, with single layer is used, you must have NOMEX underwear.

5.Must wear NOMEX gloves, and shoes.

6.Full face helmets are strongly suggested. All helmets must be SNELL 2020 APPROVED!

7.No interior trim will be allowed to right of driver straight at shoulder height. Must be on a angle to floor.

8.Throttle pedal MUST HAVE A TOE STRAP incase of sticking throttle.

9.NO mirrors,2way radios.

10.Must have track one way radio on at all times on track, including warm ups. The transponders must be on also when ever on track. This is to make sure everything is working before races start!

NOTICE

Cars racing from other tracks have 1 week to conform to MVS rules. As per Tech. Inspectors discretion.

These rules for the class also combined with MVS GENERAL,AND SOCIAL MEDIA WILL BE FOUND ON

MVS WEBSITE.

**ANY AND ALL RULES MAYBE SUBJECT TO CHANGE BY TRACK MANAGMENT
2025**

**Interpretation of rules will be discretion of Tech Inspection. ALL DECISIONS BY
OFFICIALS WILL BE FINAL.**