



## 2024 Season - 4/6 Cylinder Rules

1. Fuel Cells are mandatory – Fuel Pump MUST have switch clearly marked and in reach of driver (external or in tank pumps okay)
2. Roof and A & C Pillars must remain stock and unaltered
3. Stock firewall and floor must remain and any hole more than  $\frac{3}{4}$  inch must be covered
4. Rear firewall must be put in place between fuel cell and driver, covering fuel cell is NOT considered a firewall
5. 3 vertical bars are to be placed in front of driver in windshield opening (NO Exceptions)
6. 5-point seatbelt harness – 3 in wide minimum and must be fastened to roll cage
7. Front Hoops may be added to help protect radiator and help car from bending – 1  $\frac{1}{4}$  round tube max diameter, NO square tubing or heavy wall pipe (you may build core support)
8. All glass/plastic trim, carpet, headlights, taillights and headliner MUST be removed
9. Factory steering column must remain, quick connect steering wheel CAN be used
10. All flammable material must be removed from interior
11. Interior decking can be done pass side, must have a 12 in by 12 in inspection cover in place
12. All door must be welded or bolted shut (NO double plating of doors and NO excessive welding to frame)
13. All strut and shock towers MUST remain intact in factory location
14. All cars MUST have numbers on both sides and roof (16 in min and drivers name will be on roof)
15. All cars MUST maintain a satisfactory appearance and safety aspect
16. Any engine with V.V.T (Variable Valve Technology) will have to be electrically disabled with the VVT/V-TEO clearly labeled and in plain sight – most common variable engines are Honda V-TEC, Ford Zetec,

Toyota VVT-1 and VVTC-1, GM VVT and Mitsubishi MIVEC – This is NOT a complete list and is the responsibility of the driver to make sure it is disabled before start of race. These engines CAN race BUT MUST be disabled.

17. Roll cage must be securely welded to chassis of car
18. 1.5 in diameter minimum and .095 thickness loop behind driver, 2 horizontal bars on pass side, 3 horizontal bars on drivers' side, a 1/8 in plate must be attached to protect driver minimum 18x24, all roll cages MUST be above drivers head, 1x1 square tubing CAN be used as rub rails with end cut on angle and capped
19. Safe, aluminum seats, are mandatory for the 2024 season. Full containment seats will be mandatory for the 2025 season

## CAR

\*\*\*ALL cars WILL be 4 or 6 cylinders

1. Front or rear wheel drive (NO rear-wheel-drive V6)
2. Vans – 2 seat coups, convertibles, SUV, Rotary super or turbo charged will NOT be allowed to complete
3. NO 4-wheel steering cars allowed
4. Any clipping of a car can be done from front of front strut towers, in rear of car can be done from rear of rear strut towers only

## FUEL CELL

1. 8-gallon max will be mandatory
  - a. NO plastic will be allowed
  - b. Steel or aluminum with bladder ARE allowed
  - c. A safety cage will be welded or bolted to secure fuel cell
2. All fuel pump will have a switch for pump mounts in driver side window area, plainly marked

## Battery

1. All batteries will be mounted under hood OR in trunk (NO battery in driver area)

## Bodies

1. Steel body panels ONLY
2. NO plastic panels
3. Both front and rear body panel must remain OEM and remain on car factory steel
4. Firewall, strut towers, floor pans are mandatory
5. Hood and trunk must remain and be pinned down
6. 4 in minimum ground clearance to lowest point of vehicle
7. 2-inch rear spoiler height max
8. Racing or safety rims are allowed – 4 in back spacing max
9. Tires will NOT stick out past body of car more than 1 ½ inches
10. After market nose piece can be used – no more than 1 in duck bill on bottom

## Steering and Suspension

1. All steering and suspension will remain in stock mounting location
2. Only camber allowed will be in right front of car
3. Absolutely NO rear steer, rear camber and left front MUST remain at 0 camber
4. Max right front camber will be 5
5. NO Heim joints
6. NO coil over shock or struts
7. All bushing in suspension MUST be OEM style
8. NO made for racing shocks or struts
9. NO spring rubber or bump stops permitted

## Engine and Exhaust

1. 4 and 6 cylinder engine ONLY
2. NO turbo supercharged
3. NO rotary
4. NO use of VVT technology
5. NO DOHC V6 engines
6. ALLOWED V6 3.8 max displacement
7. ALLOWED 4 cyl 2.5 max displacement
8. Engine, trans and related parts shall be from same manufacturer (ex. Ford and Ford, GM and GM, Honda and Honda, Toyota and Toyota) – NO part changing from brand and brand
9. E-85 and C-85 or higher ethanol is NOT allowed in this class
10. Stock PCM electronic ONLY – NO aftermarket allowed
11. MSD Box for Mustang is #6427 – NO others allowed
12. Engie and transmission will remain stock in appearance
13. ECM and ECU tuning will be allowed with maz RPM being 7800
14. Header is allowed
15. NO larger primary pipe then 1 ¼ and outlet of 2 ¾ max
16. 2 in exhaust pipe MUST exit behind drier min of 30 in of 2 in OD exhaust piping

## Wheels and Tires

1. DOT approved tires ONLY
2. No wheel weights
3. DOT approved street tires only
4. No made for racing tires

5. Tires may NOT have a profile less than 60 or a section with more than 225 min tread wear for this class will be 260
  - a. example of tire size section width 215-70-15
  - b. example of profile is 200 #215-60-15
6. Rim size allowed 13, 14, 15, 16 & 17 and max of 8 in wide
7. Tire section profile will be same for side to side on same axle (ex. 215/70/14 LF 215/70/14 RD)
8. Front and rear axle do NOT have to match, BUT side to side on same axle does
9. NO wheel spacers allowed
10. 1 in lug nuts mandatory
11. NO Beadlock wheels allowed
12. Tire pressure minimum
  - a. Right side 35
  - b. Left side 22
13. Tires can NOT stick past the body more then 1 ½ inches
14. Shaving, grooving, sipping, grinding, and kneading ARE allowed
15. NO vulcanizing soaking
16. NO defacing or altering of tire
17. NO chemical or tire softening
18. Tires CAN and WILL be inspected – any violations can result in a DQ for the night and other fines and penalties could result

### All Cars Must

1. Weight min. 2500 lbs during pre & post event inspections
2. All cars WILL have chain or cable on front and rear to be able to be towed off the track
3. ALL rules are subject to change without notice
4. ALL officials' decisions are FINAL

5. Just because it doesn't say you can't do something, doesn't mean you can. When in doubt, ask tech officials
6. At any time, a car is deemed dominant it will have weight added