

# 2022 EAGLE TRACK RACEWAY CLASS RULES

## FEVER 4

### GENERAL RULES MUST BE FOLLOWED AS WELL

1. Any four passenger, sedan type car-foreign or domestic. Originally equipped four cylinder engines. All cars shall be brightly painted and maintained in a neat manner. Primer is not acceptable as paint. Dents are to be kept to a minimum. Car numbers must be neat, painted in a contrasting color and to be 24" tall on the roof and 12" tall on both doors. NO MIRRORS.
2. Any four cylinder engine (2600 max). Mix matching Chassis and Engine manufacturer allowed. No rotary or engines. Stock OEM valve size, stock crank. Aftermarket or reground camshaft optional. Must be OEM type lifters and or lash adjusters (hydraulic to hydraulic, solid to solid). No "Stroker" motors.
3. Any stock transmission, three, four, or five speed and automatic. Clutch plate and flywheel assembly will be stock GM to GM, Ford to Ford, etc. All cars must have a scatter shield, safety blanket or reinforced floor over the flywheel or bell housing. Reinforced belt material is acceptable 3/8" min. thickness. As approved by Tech Committee.
4. Heads will be stock, with stock lifters and or lash adjusters. After market cam optional. No porting, polishing, or grinding of intake or exhaust ports or combustion chambers. No gasket matching or ports. Headers are optional.
5. Stock carburetor OEM intake manifolds. No aftermarket intake manifolds:
  - a. Carburetor adapters and or space 2" max.
  - b. Carburetor not to exceed one two barrel, 500 CFM max. Choke horn is optional.
  - c. Air cleaner mandatory.
  - d. No side drafts, blowers, injectors, nitrous, or turbo.
  - e. All cars with electric fuel pumps must have an oil pressure safety switch to shut off the fuel pump when there is no oil pressure.
  - f. Engines that did not come with a carburetor can have the OEM manifold modified to fit a carburetor.
  - g. Pump gas or racing gas only, no exotic fuel such as nitro or methanol
6. Any coil type battery OEM or MSD ignition only. No magnetos.
7. Any rear end in any car.
  - a. Must be in stock position
  - b. Must use stock mounts, and stock shocks.
  - c. No quick-change, Detroit lockers or floaters.
  - d. Locked rear ends are optional.

8. Caster and camber must be within 3 Deg of neutral. Torching or cutting of springs, stock, or aftermarket use of lowering blocks optional. Stock suspension, coil to coil, leaf to leaf, torsion bar torsion bar. Strut stabilizer is optional. All cars shall have accessible tow hooks front and rear. Weight jacks allowed.
9. Radiator must be in stock location. You may install a radiator protector, it may be 12' in total length and no longer than 1 ¼" OD standard pipe or tubing. Braces to be attached to frame forward of upper A-frame and not forward of bumper.
10. Bumpers must be stock type, front and rear in stock location, 2" metal strap to be bolted to body. After market plastic bumper covers optional.
11. Racing tires, recaps or street, DOT type tires.
  - a. Hand grooving allowed.
  - b. Tire to be 8" wide max. tread width
  - c. No cords showing
  - d. Steel or aluminum wheels
  - e. No wheel spacers
  - f. No mud, snow, or traction tires
12. Roll cage will be made of a minimum 1 ½" and 095 wall round steel pipe bar tubing with good, neat welds and gussets
13. Minimum weight of car shall be 1 lb. per motor cc. with driver in car and full of fluids. For example: a 2300cc motor car shall weigh 2300 lbs. Any added weight must be welded or bolted in and pass tech inspection.
14. SAFTY RULES WILL BE STRICTLY ENFORCED. NO GRACE ALLOWED.