



6CYL FWD
2024 TECHNICAL RULEBOOK

GENERAL CLASS RULES:

1. This is a STOCK class. Everything must be stock unless stated otherwise in the rules listed below. If it is not stock, it is not legal.

CARS:

1. Cars must have a complete stock body with stock frame and suspension components in stock location. Hulling is only permitted on the driver's side door for the roll cage.
2. Low profile cars such as Camaros, Firebirds, Mustangs, etc. are not allowed.
3. Wheelbase: Minimum 96", Maximum 105" .
4. Front and rear tow hooks are required for wrecker purposes.

ENGINE:

PENTON ENGINE RULES IN GENERAL RULES ALSO APPLY

1. MUST be stock for make. (Chevrolet in Chevrolet, etc.)
2. Only six cylinder engines are allowed.
3. Stock exhaust must run past the driver's door.
4. Stock air filter and breather.
 - K&N Air Filter allowed. Must run stock air tube.
5. Stock ignition.
6. Alternator must be working and in its original position.
7. Battery must be securely mounted in its original position.
8. Stock wiring harness is required.
9. No modifications can be made.
10. Superchargers are not allowed.
11. You must have a copy of the owner's manual for the specific car you are racing.
12. Header is allowed, but must add 50 pounds.

TRANSMISSION:

1. Stock automatic or stock standard transmission

DRIVELINE:

1. Only front-wheel drive cars are permitted.
2. All-Wheel drive cars are not allowed.
3. Rear-wheel drive cars are not allowed.
4. Driveline must be stock for make and model.
5. Differential lock permitted.

BRAKES:

1. Must remain stock for make and model of car.

2. No adjusters are allowed.

SUSPENSION AND FRAME:

PENTON SUSPENSION RULES IN GENERAL RULES APPLY

1. No altering in any way.
2. Stock shocks in stock locations.
3. No adjustable or aluminum shocks.

BODY:

1. Two-door or four-door cars are allowed.
2. All glass must be removed. Lexan windscreen may be used if desired.
3. The back seat may be removed, but any opening must be covered with metal.
4. Doors must be welded or chained shut.
5. No hulling of right-side doors and trunk area. If hulling is done, 100 lbs. will be added to the total weight.
6. No cutting of the body is allowed.

ROLL CAGE AND SAFETY:

PENTON SAFETY RULES IN GENERAL RULES ALSO APPLY

1. A four-point roll cage is mandatory. All bars must be welded and be a minimum diameter of 1 ½" and minimum .083 wall thickness steel tubing. No pipe fittings are allowed. Aluminum and other soft materials are not permitted.
2. Drivers-side door must be hulled out for roll cage only.
3. Must have a full-containment seat or Hans device or Hybrid device. If these are not being used, a 50 lb penalty will apply.
4. All cars must have 3" lap belt and 2" shoulder harness and crotch strap MINIMUM and must be attached to roll cage.
5. Steering wheel center must be padded.
6. A fuel cell may be used. If so, it must be mounted inside a 0.20 gauge metal box secured by 1" steel straps.
7. Complete fire suits and Snell rated helmets are required.
8. Raceceivers are mandatory.
9. All cars must be equipped with a fully charged 2 lb minimum fire extinguisher that is in good working condition. The extinguisher must be mounted within easy reach of the driver.
10. All cars must be equipped with a cut-off switch.

WHEELS:

1. 7" maximum width wheels, 1" tolerance. May be double centered.
2. Oversized lug nuts are recommended.

TIRES:

1. Maximum tire size is P235/70R15. DOT tires only.
2. No racing tires are allowed.
3. All four wheels must be the same (14", 15", etc.).

WEIGHT:

1. After the race, the car must weigh 1 lb. per c.c.
2. Minimum weight of 2200 lbs for all cars/drivers.