



2018 RULES THUNDERCARS

ALL 2018 Rules of Competition Also Apply
Rules take effect January 1, 2018

OVERALL

- A. Cars can be any 1960 or newer American made car with a minimum wheelbase of 108". No station wagons. No 4-wheel drives. No El Caminos. No "pony cars" such as Camaros, Firebirds and Mustangs. No pre-1978 Monte Carlos.
- B. The maximum track width is 82" measured from the outside of tire to outside of tire.
- C. Car must maintain a minimum ride height of 6" all the way around.
- D. All cars must weigh a minimum 3,200 pounds with driver before entering the racing surface. Cars with stock 2 1/4" or smaller exhaust receive a 75-pound weight break.

DRIVE TRAIN

- A. Engine block must be of stock type for that make and model. No aluminum. It must remain in the factory location.
- B. Carburetors can be a stock factory/street applicable 2-barrel or 4-barrel.
- C. Heads must be cast iron.
- D. No aftermarket aluminum intakes. No high-rise intakes.
- E. Factory style fuel pump is required. No electric fuel pumps.
- F. Factory style ignition is required. No MSD's.
- G. No oil cooler shall be inside the driver's compartment.
- H. Any type of radiator may be used, but must remain close to the factory position. No antifreeze. You can be disqualified from an event if antifreeze is found.
- I. Solid exhaust pipe must be used, no flex pipe is allowed. Dual exhaust systems may be used. Street legal mufflers are recommended, but not required. Exhaust pipes must go past the driver.
- J. Transmission must be an automatic of stock type for that make and model. No quick

change or "trick" transmissions. Must have a working torque converter

- K. Driveshaft must be painted white. Must have driveshaft hoops or safety chains.
- L. Rear End must be of stock type. It may be locked, positive, or open. No 9" rear ends. No quick-change rear ends.
- M. All cars must have a racing fuel cell with a maximum of 22-gallons. It must be enclosed in a 20-gauge steel can and inside of a cage. It must have a minimum of a 10" ground clearance. It must be safely mounted inside the trunk area. A 1/8" steel plate or 1/4" aluminum plate is mandatory on the rear side on the fuel cell.

SUSPENSION

- A. All suspension must remain in the stock unaltered location and be of stock components. No offset suspension components of any kind may be used.
- B. Shocks must be either stock or replacement stock type and in the factory location. No rebuildable or adjustable shocks.
- C. Brakes must be of stock type. Car must have operating brakes on all 4 wheels.
- D. Only rear weight jacks are allowed.
- E. Maximum 8" steel wheels are allowed. Racing wheels are encouraged.
- F. All competitors must use standard, non-racing, D.O.T. 70, 75 or 78 series radial tires. Tires must be of the same size and series with the factory markings being clearly visible. A tire with no markings will be disallowed. No products used for chemically altering tires allowed on the Speedrome property. Violators will be penalized.

ROLL CAGE

- A. All parts of the cage must be constructed of 1 3/4" round steel tubing with a minimum thickness of .095". Cars previously built of 1 1/2" round steel tubing with a minimum thickness of .090" are grandfathered in.
- B. Must begin with a 4-point cage that goes above the driver's head and to the roof. The roll cage must be completely welded with no gaps. Key stress points must have steel gusset plates for reinforcement.
- C. There must be 4 equally spaced horizontally mounted door bars on each side. The left side must be curved outward as far left as possible and covered by a 1/4" steel plate. Right door bars can be curved or straight. All door bars must be connected by at least 3

equally spaced vertical bars. This includes connecting the bottom bar to the frame.

- D. Foot area can be entirely stock or have bars added with a steel plate covering for added foot protection.
- E. Driver's seat must be racing type seat. The seat must be at least 8 inches from any door bar and mounted in front of the rear hoop of the roll cage and inside the left frame rail or frame rail extension. The frame rail extension must be constructed from the same material as the frame rail and it must extend at least from the front left roll cage post to the left rear hoop upright. If the seat does not extend up behind the driver's head, a steel plate of at least 8"x8" must be welded to the roll cage directly behind the driver's head and covered by at least 2 inches of padding. From the racing seat to the right side of the chassis, nothing should interfere with a driver's ability to exit the right side of the car or to be extricated.
- F. There must be a vertical hoop that goes above the driver's head that connects to the frame rails. A diagonal bar will go from top to bottom of the rear vertical hoop. A bar connecting the left and right of the vertical hoop at seat height must be welded to the diagonal bar. A bar must connect the legs of the rear hoop at their base or it is recommended that an X connects the left and right frame rails at the points the front legs and rear hoop are connected.
- G. Must be a bar installed across the dash area connecting the left roll cage leg to the right roll cage leg.
- H. Any additional front and rear support bars are welcome and recommended.

BODY

- A. The goal is to keep the basic entire factory steel body for the Thundercars. It must have a factory roof including with the stock pillars connecting it to the body. The hood must be pinned on all four corners for quick removal. A hinged with pins or pinned removable panel must be used for the trunk. Some body panels may be replaced after damage as long as it appears that of a stock street car. Body materials can be steel, fiberglass or aluminum.
- B. No Wings or spoilers allowed. No aerodynamic devices of any kind.
- C. Complete floor pan, front and rear firewall are required and can be stock or handmade.

If handmade, they must be built out of at least 20-gauge steel.

- D. The original factory glass can be used or Lexan windshield (covering the driver's area). The factory windshield must have steel straps securely bolted to the car body on the outside, extending from top to bottom on each side. This must be in conjunction with 3 vertically placed solid bars behind either windshield that are no farther apart than 5".

BUMPERS

- A. There shall be NO sharp edges on ANY of these items.
- B. Bumpers can be either a factory bumper or a fabricated tubing bumper. If a factory bumper, it can be as wide as it came unaltered from the manufacturer for that make and model. If tubing, it can be no wider than the center of the tires. Hoops can be added to either bumper for protection of the car and for track towing purposes.



2018 APRIL-MAY-JUNE CHAMPIONSHIP

April 7th – April 21st – April 28th – May 5th
May 19th – May 26th – June 16th – June 30th
Schedule subject to change

2018 JULY-AUGUST SEPT CHAMPIONSHIP

July 7th – July 21st – July 28th – August 4th
August 11th – August 25th
Sept 1st – Sept 22nd – Sept 29th
Schedule subject to change

2018 CHAMPIONSHIP POINT FUNDS*

\$400, \$225, \$150, \$125, \$100

* Drivers can miss only 1 event and must attend the banquet for that series point fund money.

2018 25-LAP FEATURE PURSE

\$300, \$150, \$75, \$60, \$50, \$35, \$35, \$35

2018 40-LAP FEATURE PURSE

\$500, \$250, \$100, \$75, \$65, \$50, \$50, \$50