

# 2015 THUNDERCAR RULES

## Section A: Eligible Cars

1. Eligible cars may be any 1960 or newer American made car with a minimum wheelbase of **112"**. Monte Carlos, 1978 or newer, are permitted. The following car types are specifically prohibited: Station Wagons, 4 wheel drives, El Caminos, "pony type" cars Camaros, Firebirds and Mustangs.
2. All cars must weigh a minimum 3,200 lbs.
3. The maximum left side weight may be no more than 56%.

## Section B: Engine and Transmission

1. The engine and transmission must be stock for the make and model and must be in stock location.
2. The 2nd plug on the left side of the engine must be located within 1" of the center of the ball joint.
3. All engine components must be cast iron, including the exhaust manifold. Aluminum components and headers are not permitted.
4. Engines must have factory straight plug heads. Aftermarket straight plug heads may be used with a 75 lb. weight penalty.
5. All cars must use a factory stock ignition.
6. Roller cams are not permitted.
7. Roller rockers are permitted, stud girdle is not allowed.
8. Dual line or double pump carburetors are prohibited. Carburetors may have no more than 2 discharge nozzles.
9. Oil coolers are not permitted in the driver's compartment.
10. Fuel cell installations are subject to technical director's approval. All fuel cells must have a minimum 10" clearance to the ground.
11. Electric fuel pumps may not be used unless they are standard equipment for the make and model of car.
12. Rear ends must be stock, model to model, and may be locked, positive or open.
13. Automatic transmissions are standard. Manual transmissions may be used but must be stock and cast iron with a 25 lb weight penalty.
14. All cars must have a stock appearing converter.

## Section C: Suspension, wheels, tires and brakes

1. All suspension MUST remain in stock, **UNALTERED LOCATION** and be of stock components. **No offset suspension components of any kind may be used. Frame and suspension may not be added to or altered.**
2. The left front wheel camber must be 1 (one) degree (+1/4 degree maximum tolerance). The wheel will be measured with a center hub camber gauge.
3. Shocks must be "Stock Type" with no heim ends, etc. Adjustable shocks are not permitted. Stock type sway bar with a minimum dia. of 1.25".
4. Weight jacks are permitted on rear suspension only.
5. Tires must be standard, non-racing, D.O.T. 70, 75 or 78 series radial tires with a maximum 8' wheel. McCreary, American Racer or retreads are prohibited. In addition, a 16" non racing tire may be used on a 7" rim only. (225 X 60 X 16 or 235 X 70 X 16). CRA Hoosier Comanches may be used and may not be new.
6. Racing wheels are encouraged.

## Section D: Body, Frame and Interior

1. Stock, steel bodies are required. Roof must be stock. Other body parts may be fabricated and must be close to original subject to technical approval.
2. Frames and suspension must be stock and unaltered for the same make and model.
3. A competition 4-point roll cage is permitted. A minimum of a rollover bar over the driver is required.
4. Doors must be welded, bolted or chained shut.
5. All glass, plastic, chrome, trim handles, emblems, hitches, etc. must be removed prior to entering the track.
6. All cars must have windshields. Lexan windshields are permitted. Windshield protection bars may also be used.

## Section D: Body, Frame and Interior - Continued

1. All cars must have factory stock, **COMPLETE**, bumpers or bumpers made from 2" x 2" tubing. Bumpers made from tubing may be no wider than the frame horns. Frame horns may not be moved. Bumpers may not have any sharp edges and must be no wider than frame horn to frame horn. Bumpers must be chained, front and back, on each side of the bumper. All front end configurations are subject to technical approval. Reinforced "Cow Catchers" are prohibited.
2. All bolts, screws or sharp objects protruding from the car must be removed.
3. Spoilers are prohibited.
4. Racing pedals and decking of interiors is prohibited.
5. All cars must have a floor pan and **full** front firewall.
6. All cars must have a minimum frame height clearance of 6" at all points under the car.
7. Mirrors and radios are prohibited.
8. 1"rub bars may be used. The bars must match the body color of the car and have no sharp or protruding edges.
9. The rear of the vehicle must be covered - back panel.

## Section E: Safety

1. All Anderson Speedway safety rules apply. See "Safety Rules".
2. Fire extinguishers are mandatory in each car.
3. **A collapsible steering column is strongly recommended for 2014 and may be required for 2015 and beyond.**