



## 2021 Trophy Stock Rules

THE RULES AND/OR SPECIFICATIONS SET FORTH HEREIN ARE DESIGNED TO PROVIDE FOR THE ORDERLY CONDUCT OF RACING EVENTS AND TO ESTABLISH MINIMUM ACCEPTABLE REQUIREMENTS FOR SUCH EVENTS. THESE RULES SHALL GOVERN THE CONDITION OF ALL SPEEDWAY EVENTS, AND BY PARTICIPATING IN THESE EVENTS, ALL SPEEDWAY ENTRANTS ARE DEEMED TO HAVE COMPLIED WITH THESE RULES. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF, OR COMPLIANCE WITH THESE RULES AND/OR SPECIFICATIONS. THEY ARE INTENDED AS A GUIDE FOR THE SPORT AND ARE IN NO WAY A GUARANTEE AGAINST INJURY OR DEATH TO PARTICIPANTS, SPECTATORS, OR OTHERS.

NOTICE: Creative interpretation and/or anything that may not be covered by the following rules or racing procedures are the sole responsibility of the Driver. If a question should arise a Driver should inquire with a Painesville speedway Competition Inspector and/or Race Director before proceeding. Any decision on questionable items about rules and racing procedures is up to the Competition Inspector and/or Race Director and their decision is FINAL! Remember: It is the responsibility of the Driver to keep his/her car legal and follow all rules and racing procedures at all times. Infractions of technical rules of any kind may result in an additional weight penalty, forfeit qualifying, or not being able to compete until infraction is corrected. Penalty will be determined by a Competition Inspector and/or Race Director.

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## **1.0 Body**

- 1.1 This division is limited to American made cars from 1955 to 1990. No Jeeps, Suburbans, Convertibles or two passenger sports cars allowed. S-10 and Ranger pickups are permitted.
- 1.2 Wheelbase must be 108" -- Maximum 116"
- 1.3 As we all know it's getting harder to find stock body parts. You can use the aftermarket 88 Monte Carlo body parts. You can use sheet metal and aftermarket bumpers if you like, body must have the stock body lines or as close as possible. Must look stock. Doors must be welded shut. Stock roof height. NO CHOPPED ROOFS. Minimum 52".
- 1.4 Aftermarket nose and tail allowed. Spoilers 6" height by width of deck lid.
- 1.5 All the interior must be removed.
- 1.6 Bumpers must be securely fastened
- 1.7 Windshield can be glass or lexan. All other glass must be removed. Must have car number and the letters TS on upper passenger corner of windshield.
- 1.8 Rub rails are permitted. 1" x 2" diameter. No other bars outside of body allowed.
- 1.9 Hood and deck lid may be gutted.
- 1.10 Fuel cell or tank must have four straps.
- 1.11 Must have hood pins front and rear.
- 1.12 Must have tow hooks front and rear.
- 1.13 Battery may be inside but must be in marine type box.

## **2.0 CHASSIS/WEIGHT**

- 2.1 All suspension parts must be stock. All A-frames are to be stock and in stock location. All parts must be stock for frame being used.
- 2.2 Aftermarket A frame with part #UBM14-0809-5R or UBM14-0829-6L are also permitted. No rack and pinion allowed.
- 2.3 No racing shocks, stock shocks only. Factory sway bar no bigger than 1 1/4" factory stab links both sides, threaded rod is OK for sway bar.
- 2.4 No load bolts in front or rear of car permitted.
- 2.5 Racing springs are permitted.
- 2.6 Shocks must be mounted in stock location and at shock angle.
- 2.7 May have four post roll cage with three bars in both doors. 1 3/4" diameter tubing minimum and .095 wall.
- 2.8 Front and rear hoops are permitted with no suspension parts attached to hoops.
- 2.9 Ride height will be 6".
- 2.10 3400lbs 54% left side 49% rear with driver after feature.
- 2.11 Rear end must be stock for car being used. Must be in factory stock locations.
- 2.12 Upper and lower trailing arms must be stock with stock rubber bushing in stock location. No locked rear ends, open rear ends only!
- 2.13 Frame cannot be altered for fuel pump clearance.
- 2.14 Frame must be stock up to behind the rear tires. Maybe 2x3 box tubing from there back.

### **3.0 BRAKES**

- 3.1 No rear disc brakes allowed.
- 3.2 No traction control devices of any type allowed.
- 3.3 Brakes must be stock for car being used.
- 3.4 Brakes must work on all four corners and can be checked at any time.

### **4.0 ENGINE**

- 4.1 GM 350, Ford 351 (.030 overbore), Mopar 360 max. 9.0:1 compression ratio. Flat top pistons with 4 valve reliefs and hydraulic cams and lifters ONLY! No timing belts. No gear drivers. No anti pump up lifters, stock style, no Rhodes style lifters.
- 4.2 Maximum lift for camshaft is 450.
- 4.3 Stock length pushrods only. Optional Comp cam #12-523-5.
- 4.4 602 crate allowed without penalty of 3500lb 53% left side 49% rear.
- 4.5 If you are running a crate engine the only crate engine allowed is a race one sealed crate engine. If you do not have a race one sealed crate engine you could be permitted to race but you would have to add 200 pounds to your vehicle until that motor is sealed through race one. You will have two weeks to run with the weight penalty before the engine has to be sealed.
- 4.6 No decking of block or milling of heads of any kind. No machine work to block of any kind.
- 4.7 Piston must be min .020 in cylinder.
- 4.8 No MSD super coils. HEI Ignition ONLY! Stock coils only! No welding of distributors. Weights must be functional.
- 4.9 Engine must be lined up with #3 spark plug with the center of the driver's side upper ball joint.
- 4.10 Edelbrock #350-2101 intakes unmodified or stock cast iron ONLY!
- 4.11 Holley 4412 500CFM Carburetor, with 1" adapter and two return springs. GAUGE MUST FIT TOP AND BOTTOM. Air horn must be intact.
- 4.12 No roller cams or stud girdles. No roller rockers or roller tip rockers. No screw in studs or guide plates permitted. STOCK ROCKER ARMS AND NUTS
- 4.13 No electric fuel pumps, alcohol or nitrous. Pump gas only. No racing fuel.
- 4.14 Factory cast iron heads unmodified. No fueler heads or 202 valves permitted. 1.94 intake 1.50 exhaust valves.
- 4.15 No bowtie, no vortecs allowed. .040 head gasket only minimum. 1.266 max spring diameter.
- 4.16 Exhaust must exit out of the back or passenger side behind driver. Exhaust manifolds must be unmodified stock cast iron. No center dumps. 2" pipes max. No 2 into 1s.
- 4.17 Must pass a .98 decibel reading test.
- 4.18 Stock 10 ½ inch factory clutch and pressure plate only. No aluminum pressure plate or flywheel. No double or triple disc. No 10,000 RPM clutches. No zoon, ram or any high performance clutches.
- 4.19 Radiator must have a shroud and one gallon overflow can.
- 4.20 All cars must have air cleaners.
- 4.21 Must have a working alternator.

4.22 No Antifreeze!!! A fine will be assessed (see TPS procedures)

## **5.0 TIRES**

5.1 Racing tires allowed. No “sticker tires” allowed. Must purchase from TPS “Bank”

5.2 No soaking of tires.

5.3 Steel racing wheels 2” or 4” offset allowed. All four must match. No interchanging offsets.

5.4 No wheel spacers permitted.

## **6.0 ENGINE CLAIM**

6.1 Engine claim will be \$1,250 exchange, \$1,200 for engine, \$50 to the wrecker to remove both engines.

6.2 A claim does not include: flywheel, clutch assembly, bell housing, exhaust, carburetor and adapter, intake, starter, motor mounts, sending unites for gauges, fan and pulleys, water pump and fuel pump, distributor and wires and water outlet and restrictor.

6.3 The top three feature finishers are subject to the claim.

6.4 To claim an engine you must finish on the same lap as the winner of the race.

6.5 The driver claiming the engine must drive directly to the claim area and state his/her claim to an official and have claim money with them within three minutes of feature finish. Only the driver can accept or refuse a claim. Refusal of a claim will forfeit all winnings and points for the night. A second refusal will eliminate participation from the next four racing events. Said driver must race a minimum of four race nights before they can ask for a claim as well.

## **7.0 SAFETY**

7.1 Must have all standard safety equipment: window net, belts, shoulder harness, helmet (Snell 2015 rating), fire suits, gloves and fire extinguishers fully charged and mounted within arm’s reach.

7.2 No two way radios or mirrors.

7.3 Roll bar padding must be added on bars in the driver’s reach

7.4 Westhold Transponders and Raceceivers must be on at all times!!

## **8.0 PAINTING/NUMBERS**

8.1 6.0 All cars must be painted and neat in appearance at all times. They must look like a race car; badly damaged cars must be straightened. Name and number must be seen from tower. The numbers must also be on the windshield with class letters "TS" 3" high under the numbers. No letters or fractions. If car has two drivers, each driver must have his own number on the night he/she drives the car.

