



# Outlaw Rules 2020

The rules and/or regulations set forth herein provide for the orderly conduct of racing events and to establish minimum acceptable requirements of such events. These rules shall govern the condition of all such events. All participants are deemed to have complied with these rules. No expressed or implied warranty of safety shall result from publications of or compliance with these rules and/or regulations. Speedway rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant.

\* Speedway Officials shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications.

\* Speedway reserves the right to update, modify, and/or delete rules at any time deemed necessary to ensure safety, fair competition or any other reason that may be appropriate.

\* Any interpretation or deviation of these rules is left to the officials. Any decision of and by Speedway Officials is final.

\* Unsportsmanlike conduct can carry a minimum \$100.00 fine and/or suspension. Any and all fines will be added to the point's fund at the end of the racing season.

## General:

1. Minimum wheelbase of 103". **No tolerance allowed.**
2. Minimum weight is **2600 lbs.** and maximum left side weight is 58%. Stock frame clips with stock steering box 50lb weight break. Minimum weight will be enforced before and after qualifying and before the race. Dislodged weight cannot be returned to car for weighing after race. **All added weight must be painted white with car number in red or black and securely mounted. No pellets, tungsten or similar heavy metal weights allowed.** Any lost weight will result in a \$10 per pound fine to the Driver.

## Engine:

### OPTION 1.

**2800 LBS. 1.** GM # 88958604 with the following updates, GM Cam #24502586, 1.6 rocker arms, Stock Beehive GM springs or Comp Cam valve springs #941-16 with inner spring removed, Champ oil pan # CP106LTRB and Balancer.

**2800 LBS. 2.** Ford # M06007-D347-SR with 1.5 rockers and no carb spacer

**2800 LBS. 3.** McGunegill Ford # 425LM with 1.5 rockers and no carb spacer.

Crate engines may be refreshed but must retain all manufacturers' specifications. No reground cams. Maximum compression 10.0.

**OPTION 2. 2650 LBS.** GM 88958602 or 19258602 Crate Motor Only and must run all GM specs as delivered from the manufacturer.

Crate engines may be refreshed but must retain all manufacturers' specifications. Specifications. No reground cams. Maximum compression is 9.6.

**2800 LBS. OPTION 3.** 362ci steel head 500 lift cam non roller

**2900 LBS. OPTION 4.** 358ci steel head any cam no port or polish on heads

**2950 LBS. OPTION 5.** 358ci steel head any cam port or polish on heads

1. Centerline of crankshaft must be a minimum of 10" from ground level, centered in frame (+/- 1"). Forward most spark plug must be set back no further than 4" behind upper ball joint.
2. Stainless valves allowed. No titanium valves. Maximum valve size 2.02 int./1.60 exhaust allowed.
3. Flat top/dish pistons and steel rods only. **No dome pistons allowed.**



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4. Must add 50 LBS for Dry Sump.

5. Cast iron engine blocks **ONLY**.

## RPM Limits:

1. 6300 for GM 602 and **6500** for GM 604 and 6300 for both Fords and 6800 for all built engines. RPM Chip required mounted out of reach of driver on right side of car and taped and tie wrapped into place.
2. Crane or MSD ignitions optional. No crank trigger ignitions or traction control devices allowed.

## Crate Carburetor:

1. Holly 650 HP 4150-80541 four-barrel with No alterations and GM crates only 1" Aluminum Carburetor Spacer allowed.
2. Body of carburetor - no polishing, grinding, or drilling of holes permitted. No paint or any other type of coating other than from carburetor manufacturer allowed inside or outside of carburetor.
3. Any attempt to pull outside air other than down through venturis is not permitted.
4. A minimum of two return springs is required. Throttle stops recommended.

## Built Carburetor:

1. Holley 2 bbl model 4412 carburetor old style only. No modifications except choke butterfly may be removed and choke horn may be machined off. Breather gasket must remain.
2. Any attempt to pull outside air other than down through venturis is not permitted.
3. A minimum of two return springs is required. Throttle stops recommended. **Minimal amounts of retainer epoxy allowed, excessive epoxy is at the discretion of the Technical Director (for Crate Carb as well)**

## Brakes:

1. Four wheel working brakes mandatory.

## Transmissions:

1. 3 or 4 speed transmissions only. Minimum of two forward and one reverse gear required at all times. Transmissions will be subject \$2500 Claim Rule. (Claim procedures same as for protest, see below)
2. Multiple disc clutches with steel floaters and pressure plates permitted, minimum 5 ½" in diameter. Solid magnetic steel clutches and pressure plates only. Clutches must be positive engagement design. Slider or slipper clutch designs are not permitted. No carbon fiber clutches. Clutches found not to meet this definition will be deemed illegal.
3. No aluminum flywheels allowed.

## Rear ends:

1. Cambered rear ends add 25 lbs.
2. Steel or aluminum drive shafts allowed. No carbon fiber.
3. No fifth (5th) coil, torque arm or lift bar suspensions will be permitted. No birdcage set-ups of any kind (3 or 4 link). Trailing arms must mount to rear end in a solid fashion (heim allowed) and no part of the trailing arm mounting may freely rotate around the rear end.

## Suspension:

1. 5" minimum coil diameter. (Does not apply to coil over cars)
2. Shock Claimer rule \$175.00 per shock exchange (Claim procedures same as for protest, see below)



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3. No bump stops, coil-binding or chassis stops allowed and minimum of 500-pound front spring rate. Will be checked by putting front tires on ½" blocks and cross member on the ground. Minimum 250 Front spring on coil over cars. **No internal stops or bumps in the shocks. Shock shafts must compress fully to shock eye jam-nut when removed from the car.**
4. Maximum sway bars 1 3/8" maximum diameter.
5. Maximum tread width **68"** Center to center (**66"** on referee) allowed

## Body:

1. Bodies may be made of steel, aluminum or fiberglass. No carbon fiber bodies of any kind permitted. Front overhang 46" maximum and rear overhang 47" maximum.
2. Triangular A post enclosures no more than 12".
3. All parts of body and frame must maintain minimum of **4"** ground clearance **at all times.**
4. Minimum roof height 46" measured 10" behind windshield.
5. Quarters 35 ½" maximum height unless roof is higher than minimum.
6. Maximum Spoiler 6 1/2" by 61" OR 5 ½" by 72". (ABC Stock type bodies allowed 8" X 61") **Maximum of 4 late model style rods only.**
7. **No air directing devices allowed.**
8. Dirt or asphalt noses allowed. If not produced with a splitter, can add a maximum 3 1/2" splitter which must follow the contour of nose. Referee must clear nose width.

## Fuel/Fuel System:

1. Fuel samples may be taken at any time and tested. Alcohol, nitromethane, nitrous oxide, other oxygenating agents, or other additives are not permitted.
2. No electric fuel pumps or pressurized systems allowed.
3. Fuel cell required and must be in steel container and maintain 8" ground clearance. Cell must be secured with minimum of two, 1/8" x 2" steel straps around fuel cell.
4. Lines to fuel pressure gauge must be steel braided type.
5. OBERG Fuel Valve # SV-0828 or SRI # FFF-FSV Mandatory.

## Safety:

1. Radio communication to the drivers is mandatory, with a minimum of one (1) spotter for each team. Spotter must have scanner to monitor race control. Approved SFI/FIA seat belts and double shoulder harness will be required, no older than five years. A crotch strap will be required.
2. A capable form of head & neck restraint must be used. A strap-type neck restraint is mandatory (No Neck Collars). Drivers will not be allowed on the racetrack at any time without proper neck restraints in place.
3. Helmet must be 2010 Snell standard or better and have sticker visible for inspection. Full-face helmets required. Nomex head sock recommended.
4. Clean, full SFI/FIA driving suit and approved gloves for fire protection are mandatory.
5. Side plate for driver's door will be mandatory. Must be 12 inches (12") high post-to post, 1/16" minimum thickness steel or and must be fastened with a minimum of six (6) half-inch bolts or securely welded to series' approval.
6. Driver's window must be equipped with safety net with quick release-latch. String window nets will not be permitted. The minimum net size must be 22" wide and 16" high. When latched, the window net must fit and pull tight.



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7. Resilient padding designed for roll bar use must be installed on any roll cage member which can be reached by any extremity of the driver while driver is normally seated with restraints fastened. Steering wheel must be padded.
8. All lead weights must be painted white, with the car number painted on each individual piece. All lead weights must be securely fastened. Any lost weight will result in a \$10 per pound fine. No Tungsten or similar weight allowed!
9. All competing teams must possess a minimum 10 lb. Aluminum working fire extinguisher while in attendance in pits, and this item must be presented at inspection. Car number must be painted on fire extinguisher
10. A main electrical cut-off switch needs to be clearly marked and easily accessible to safety crews.
11. Numbers must be a minimum of 21" in height, with body of each character a minimum of 3" in width and must be professionally placed on each door. A number will be required on top, readable from the infield.
12. A car number at least six inches (6") in height must be placed in the upper right-hand corner of the windshield.
13. Roll cage must be constructed of 1 3/4" OD round steel tubing with a minimum wall thickness of .090". Three inches (3") maximum gussets measured diagonally must be welded in main roll cage area where a 90-degree angle exists or where the roll cage meets the main frame rails. The main frame rails / bolt-on clips must be steel from radiator area to behind the fuel cell. Main Frame rails must be a minimum of 2" x 3" rectangular steel. Bumper bars and right-side door bars must be a minimum of .065 x 1 1/4 inch tubing.
14. No part of any cooling system may be located in driver's compartment.
15. Batteries must be securely mounted outside of driver's compartment.
16. A working Fire Suppression system or driver accessible fire extinguisher is required. All cars must have an OBERG, SRI or other Series approved Vacuum Style fuel shut off placed at the point the fuel exits the cell

## **Tires and Wheels:**

1. Steel wheels only, maximum 8" in width. No air bleeders permitted.
2. Designated Hoosier Tire Only. No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event and all track points for the year. Driver must also pay a \$1,000 fine prior to being allowed to compete at Speedway. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.

## **Protests:**

1. Only drivers may protest. Protesting drivers and protested cars must have finished in the top five. All protests must receive an approval of the pit officials.
2. All protests must be submitted to pit officials in writing within 10 minutes of feature race completion and be accompanied by \$250.00 CASH per item.
3. Refusal to comply with protest or to tear down when instructed by Speedway Officials will result in a fine equal to protest amount, an automatic two race suspension and loss of points and moneys earned for the evening. Upon returning to competition driver must agree to tear down after racing events for free.

**Tech director and race director reserve the right to adjust rules at any time in fairness of competition.**