



2021/22 Outlaw Stock Rules (Updated 5/26/21)



*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 \$250.00 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.
3. Lead Inspection will be part of post-race tech moving forward. If a piece of lead is not properly painted white with car number in red or black marked on all sides the team will receive a \$500.00 fine on 1st offense with an automatic disqualification on the 2nd offense. Any lost weight will now result in a \$25.00 per pound fine to the team. (no pellets, Tungsten or similar weight allowed)

Engines:

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. Flat top pistons and steel rods only.
3. Must add 50 LBS for Dry Sump.
4. Cast iron engine blocks only.

CRATE OPTIONS:

2650 LBS. 1. 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. 2. 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. 3. Ford # M06007-D347-SR with 1.5 rockers and no carb spacer

2800 LBS. 4. 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.

BUILT OPTIONS:

2800 LBS. OPTION 1. 362ci steel head 500 lift non roller cam, measured at the valve.

2900 LBS. OPTION 2. 358ci steel head any cam no port or polish on heads

2950 LBS. OPTION 3. 358ci steel head any cam port or polish on heads

2800 LBS. OPTION 4. 349ci Iron LS1, Maximum .500 lift cam with stock rocker arm ratio, measured at the valve. Only OEM Cathedral port head (no port or polish) Stainless valves allowed. No titanium valves. Maximum 2.02 & 1.60 valves. Aluminum heads must add 25 pounds. OEM crank shaft and stroke (3.622"). Maximum bore of 3.910.

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. No external coil packs.

Crate Engine Carburetor/ Spacer:

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 Engine Carburetor/ Spacer:

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. Maximum of 2" carburetor spacer allowed if using a 4-bbl. manifold.

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.

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.

Suspension/ Brakes/ Rear ends:

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)
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.
4. Maximum sway bars 1 3/8" maximum diameter.
5. Four wheel working brakes.
6. Cambered rear ends add 25 lbs.
7. Steel or aluminum drive shafts allowed. No carbon fiber.
8. 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.
9. All parts of rear suspension must be solid, one-piece construction with no moving parts, with one heim at each end. All mounts for trailing arms, third links and track bars must also be solid and may not have the ability to move. (Updated 5/26/21)

Body:

1. Bodies may be made of steel, aluminum or fiberglass only. Front overhang 46" maximum and rear overhang 47" maximum.
2. All parts of body and frame must maintain minimum of 4" ground clearance at all times.
3. Minimum roof height 46" measured 10" behind windshield.
4. Quarters 35 ½" maximum height unless roof is higher than minimum.
5. 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.
6. No air directing devices allowed.
7. 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.

Safety/Interior:

1. Interiors must be steel or aluminum only and shield driver from ground, engine compartment and fuel cell area. Firewall must be no less than 24-gauge metal and fully seal driver from engine compartment.
2. Car may have an installed dash panel with optional gauges. No digital dashes will be allowed. Cellphones, Watches or Bluetooth devices will not be allowed at any time, this is an automatic disqualification. No in-car timing devices during competition. No driver adjustments in car other than one brake bias adjuster allowed.
3. ON-OFF switch must be located within easy access of driver as well as access from outside left window opening. ON-Off positions must be clearly marked.
4. Quick release steering wheel is mandatory. Center top section steering post must be padded with at least 2" of padding material.
5. All roll bars surrounding driver must be padded. Padding must be acceptable to Speedway Officials
6. Aluminum racing seat required and must attach to roll cage, not to floor. (SFI rated seat is highly recommended)
7. SFI/FIA 5-point harness and window net required; net must release at top left corner. No older than 5 years old.
8. Rear view mirror permitted inside of car only.
9. Approved SFI/FIA helmet and fire suit, shoes and gloves required any time vehicle is on racing surface. Nomex head sock highly recommended.
10. SFI/FIA Head and neck restraint will be mandatory.
11. No Data Acquisition equipment/wiring is allowed in the car on officially recognized race or practice days.

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. OBERG Fuel Valve # SV-0828 or SRI # FFF-FSV Mandatory.
5. Cars must have a minimum 1/8" steel plate, or similar strength aluminum plate, between fuel cell and rear end. A similar plate at the rear of the fuel cell is recommended.

Tires/Wheels:

1. Steel wheels only, maximum 8" in width. No air bleeders permitted.
2. Maximum tread width 68" Center to center (66" on referee) allowed.
3. 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 and be on the lead lap. All protests must receive an approval of the pit officials. Spite protests and unsportsmanlike-like protests will not be accepted.
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. The driver who wins the protest will receive \$225.00.
3. Driver can only protest three times in one season and must wait three weeks before protesting again.
4. Drivers or cars found illegal forfeits all points and moneys earned for the entire race meet.
5. 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.