



## 2021 Super Stock Rules

- 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. 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. All Discussions with officials must be conducted in a professional manner.
- Cars, parts and or equipment will not be considered as having been approved by having passed through inspection at any time or number of times unobserved or undetected.
- Any interpretation or deviation of these rules is left to the officials. Any decision of and by Speedway Officials is final.
- Unsportsmanlike-like 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.

### CAR / WEIGHT:

1. Minimum wheelbase of 103". (No tolerance)
2. Minimum weight is 2900 lbs. (100-pound weight break for option 2 engine) Maximum left side weight is 58.0%. Stock frame clips with stock steering box 2850 lbs. Minimum weight will be enforced before and after qualifying. 1(One) Pound per scored lap Burn off allowed after Race.
3. Added weight must be securely bolted in place. 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. Any lost weight will result in a \$10 per pound fine to the Driver.
4. No titanium products, parts or components allowed anywhere on race car. No gun-drilled, tubular or hollow bolts or studs anywhere on car.

### ENGINE:

1. V8 engine only. Maximum 362 CID.
2. Centerline of crankshaft must be a minimum of 11" from ground level, centered in frame (+/- 1"). Forward most spark plug must be set back no further than upper ball joint or **any set back further with a maximum of 4 inches, you must have 50 pounds of existing weight (25 on each frame horn) in front of the crossmember.**
3. Holley 2-barrel model 4412 carburetors only. (No billet aluminum) No modifications except choke butterfly may be removed and choke horn may be machined off. Breather gasket must remain. Breather and air filter required at all times. Air boxes are permitted.
4. Aftermarket aluminum intake manifold allowed with maximum 5 1/4 " from carburetor mounting surface to inside bottom. Cast iron manifolds may run 1/2" adapter if necessary, to mount carburetor to 4bbl intake.
5. Any cast iron head that meets the following. Stock valve angle. Maximum 190cc intake port runner.
6. No porting, polishing, or port matching! No blending of valve job to bowls. No aluminum heads allowed. No flow work allowed on heads or intake. 75-degree maximum angle under valve seat. No bowl hogging.
7. Heads may be ported no more than 3/8" from intake and header surface.
8. Unaltered GM 25534351 Heads allowed with angle milling permitted only.
9. Stainless valves allowed. No titanium valves. Maximum valve size 2.02 int./1.60 exhaust.
10. Maximum valve lift .500" measured at the valve with zero lash. Hydraulic or solid lifters only.
11. Flat top pistons Steel rods only.
12. OEM stroke crankshaft for engine used. No titanium crankshafts. Balancing allowed, No lightening. Minimum crankshaft weight is 48 lbs. Any crank lighter must add 50 lbs.
13. Must have 1" inspection plug above oil level or 100-pound penalty.
14. **MSD/FAST ignitions optional. No crank trigger ignitions or traction control devices permitted. Must have required 6800 RPM Chip mounted out of reach of driver on the right side of car with controls and chip facing right side window and taped and tie wrapped into place.**

### OR

**OPTION 1:** GM 88958604 Crate Motor only (No alterations except small balancer) (Any rocker arm measuring 1.56 to 1.59 must add 25 pounds & 1.6 to 1.65 must add 50 pounds)

Crate engines may be refreshed, but must retain all manufacturer's specifications.

No reground cams. Maximum compression 10.0.

**OPTION 2:** GM 88958602 or 19258602 Crate Motor Only and must run all GM specs as delivered from the manufacturer. Must have 1" inspection plug in pan.

Claimer rule on this engine is \$3500.00 after the race, plus \$500.00.

Engines may be refreshed, but must retain all manufacturer's specifications.

No reground cams. Maximum compression is 9.6.

1. Holley 650 HP 4150-80541 4-barrel carburetor. No alterations
2. 1" Aluminum Carb Spacer allowed. Open or 4-hole type, no taper or beveled holes.
3. MSD Soft Touch Rev Control with 6300 for 602 and 6500 for 604 RPM Chip required mounted out of reach of driver on right side of car and taped and tie wrapped into place.

Only the top five drivers finishing a race, their crew chief or owner may claim a General Motors crate engine number 88958604 from a driver finishing the race ahead of the claiming driver. The claim will be limited to one car and must be made within 10 minutes after completion of the feature event with the cash only claim fee to the Race Director or Chief Pit Steward. The claim fee will be the current price of the General Motors crate engine number 88958604 plus \$100. The fee will be distributed to purchase a new General Motors crate engine number 88958604 for the driver being claimed plus a \$100 pulling fee. Not included in the claim are carburetor, water pump, distributor and pulleys. A claim fee will not be accepted should Speedway Officials determine the claim fee has been made on someone else behalf or the fee is from more than one party. Failure to pull and sell a claimed engine will result in the driver being claimed forfeiting all purse and points for the event and all track points for the year. The driver must also pay a \$1,000 fine prior to being allowed to compete again at Speedway.

**TRANSMISSION:**

1. 3 or 4 speed transmissions only. Minimum of two forward and one reverse gear required at all times.
2. Multiple disc clutches with steel floaters and pressure plates permitted, minimum 5 1/2" 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.

**BRAKES / REARENDS:**

1. Four wheel working brakes.
2. Spools only or ADD 100 pounds for a locker. No cambered rear ends.
3. No aluminum drive shafts allowed.
4. No fifth (5th) coil 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
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 1/2" blocks and cross member on the ground.
4. Minimum 250 Front spring on coil over cars.
5. Front and rear shock mounting optional.
6. Leaf springs cars may use jack bolts or adjustable shackles or rear spring mounts.
7. Lowering blocks optional. Bushings optional.
8. Must mount solid to rear end housing.
9. Stock appearing sway bars only. 1 3/8 maximum diameter.
10. Max tread width 67" Center to center (65" on referee).

**BODY:**

1. ABC bodies will receive a 50-pound weight break with complete bumper cover. 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 maximum of 12 inches.
3. All parts of body and frame must maintain minimum of 4" ground clearance.
4. Minimum roof height 46" measured 10" behind windshield.
5. Maximum height of quarters is 35 1/2" unless roof is higher than minimum.
6. Maximum spoiler is 6 1/2 inch by 61 inches.
7. No interior wings, belly pans, double skinned roofs, fins, wings, vanes, vertical ledges, ramps or any other air directing devices are not allowed.

**TIRES/WHEELS:**

1. Steel wheels, lug nuts and studs 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.

**FUEL SYSTEM:**

1. Fuel samples may be taken at any time and tested. Alcohol, nitro-methane, 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 metal 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 # SV-0828 or SRI # FFF-FSV Fuel Valve will be mandatory.

**SAFETY:**

1. Fire suits, Gloves, Shoes, Approved Helmet and Head and Neck restraint required.
2. SFI 5-point harness and window net required no older than 5 years and must mount to chassis.
3. Roll Bar padding required within all areas of drivers reach.
4. Aluminum Racing seat only and must mount securely. SFI Full Containment seats are highly recommended.
5. Drive shafts must be painted white and two (2) drive shaft loops.
6. All cars must have minimum of a 2-pound fire extinguisher with a gauge and a quick release mounted securely in car within reach of driver while belted in car.
7. TRACK OFFICIALS must approve all safety equipment.

**RULE ENFORCEMENT:**

1. The Chief Tech Inspector shall be authorized to make changes from any specifications contained within these rules as a situation may dictate. Any infraction not specified in these rules may incur a weight penalty. Furthermore, the Chief Tech Inspector may impose further restrictions in an attempt to maintain fairness. Under no circumstances may the tech inspector alter any safety rule to less than stipulated.
2. ANY VARIANCE OF THESE RULES BY PARTICIPANTS THAT MAY ULTIMATELY LEAD TO REDUCTION IN SAFETY, OR AN INCREASED RISK, TO ANY PARTICIPANT, WHETHER ENFORCED BY THE CHIEF TECH INSPECTOR OR OTHERWISE, SHALL BE THE EXCLUSIVE RESPONSIBILITY AND LIABILITY OF THE PARTY OR PARTIES RESPONSIBLE FOR THE VARIANCE. THE MANAGEMENT OF THE SPEEDWAY SHALL NOT BE RESPONSIBLE OR LIABLE FOR ANY VARIANCE FROM THESE RULES AS PROVIDED.

**PROTESTS:**

Only drivers may protest. Protesting drivers and protested cars must have finished in the top 5 and be on the lead lap. All protests must be specific and submitted to pit officials in writing within 10 minutes of feature race completion and be accompanied by \$300 per item (Cash). Spite protests and unsportsmanlike-like protests will not be accepted. The driver who wins the protest will receive \$225.00. Both protested and protesting cars will be checked. Driver can only protest 2 times in one season and must wait five weeks before protesting again. Drivers or cars found illegal forfeit all points and moneys earned for the entire race meet. Refusal to comply with a protest or to tear down when instructed by Speedway Officials will result in a fine equal to protest amount, an automatic two race suspension for driver and loss of points and moneys earned for the evening. Upon returning to competition driver must agree to tear down after racing events at their own expense.