



# Super Stock 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.

\*Unsportsman-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.

\*Any competitor that finishes in the top 5 may be required, at their expense, to remove the

\*All cars must go through technical inspection prior to car taking to the track for practice. Cars will be weighed with driver, and may be done prior to or after qualifying and prior to or after the feature. Reading of designated scales will be official.

## **Cars and Frames:**

1. Any stock American production vehicle with a minimum wheel bases of 108 inches.
2. Tube rear clips will be allowed. (2x3 rectangular tubing on unibodies)
3. OEM replacement Camaro clip will be allowed, Lower pick up points and steering box and idler arm must be in stock location. Clip must be built from 2x4 rectangular tubing, 25 pounds of weight must be bolted to cross member.
4. Driver side door bars will be plated with a minimum 1/8 inch steel plate from top door bar to bottom.

**Wheelbase:** Wheelbase must be a minimum of 108", with a 1/2" tolerance.

**Track Width:** 67" Maximum measured with referee, no tolerance. (Measurement will be 65" on referee due to 8" wheels)

## **Front Suspension:**

1. All suspension parts will be factory stock and in stock location for make and model.
2. Upper control arms may be replaced with aftermarket steel a-frames.
3. Upper control arm mount may be replaced but can only have 1 mounting point, no slugs or adjustable upper mounts.
4. Lower control arms must be factory stock and unaltered for make and model of front clip.
5. Spindles may be changed as long as left and right match and are factory stock.
6. Weight jacks are allowed and shocks may be relocated.

## **Rear Suspension:**

1. Must use rear suspension style for make and model of front clip.
2. Weight jacks are allowed.
3. 3 link suspensions must use stock for front clip lower control arms and third link must be solid with no springs or rubber bushings.



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4. Leaf springs must remain in stock location. Adjustable shackles and sliders are allowed but front mount must be single hole.
5. Rear end must be in stock location, + or - ½ inch.
6. 9" Ford floaters are allowed.
7. Stock OEM posi-trac or steel unlightened spools minimum 6.1 pounds are allowed. No lockers or Gleason type rear ends.
8. No aluminum allowed on or in the rear end.
9. No Chrysler style leaf spring unless Chrysler front clip.

## Shocks:

1. Shocks must be steel and nonadjustable. **Shocks cannot be externally adjusted.**
2. No gas pressurized shocks of any type. **(NO EXTERNAL PRESSURE VALVING OF ANY TYPE ALLOWED IE: no Schrader valves, no rubber air valves etc. )**
3. No bump stops of any type.
4. All shocks are subject to claim of \$100.
  - a. Claim must be presented to tech director within 10 minutes of checkered flag
  - b. Claim must be legibly written on paper with car number and which shocks are being claimed.
  - c. \$100 per shock must be presented with letter in cash.
  - d. Refusal of claim is automatic disqualification and loss of season points.

## Springs:

1. Springs must be in stock location
2. Springs will be a minimum of 5" outside diameter.
3. Racing leaf springs are allowed in stock location.
4. No coil binding.

## Steering:

1. All steering parts will be stock OEM type, in stock location for clip.
2. Drag link, idler, pitman arm, and tie rods must be stock OEM type.
3. No rack and pinions.
4. AFCO center link part# 30271 is allowed.

## Sway bars:

1. Must remain in stock location. Can be OEM replacement. Howe type sway bars are legal.
2. Sway bars may be adjustable but only from under the hood compartment.
3. No splined bars.

## Transmissions:

1. Standard or automatic is allowed.
2. Automatic must have 11" minimum working fluid type converter.
3. Standards will have no more than 4 forward gears. 2 forward and 1 reverse gear must be
4. No gears may be removed from transmissions.
5. Transmissions may not be lightened.
6. Minimum clutch size
  - a. **Engine option 1 & 2 is 7.25" minimum.**
  - b. **Engine option 3 is 10.5" minimum.****\*\*\*75lb weight penalty for 7.25" clutch in ENGINE OPTION 1 & 2\*\*\***
7. Must use steel bellhousing or SFI approved scatter shield. **\*\*\*25lb weight penalty for reverse starter bellhousing\*\*\***



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## **Driveshaft:**

1. Will be steel and painted white.
2. Driveshaft will have a minimum of 2 steel 360 degree loops.

## **Brakes:**

1. Must have 4 wheel single piston working brakes.
2. Calipers must be cast iron and fit in stock mount without modification.
3. Maximum piston size 2.875. Minimum piston size 2.00.
4. Drum brakes allowed on rear.
5. Rotors must be steel and round with no lightening

**Wheels:** All wheels must be 15"x 8" steel racing wheels.

## **Tires:**

1. Hoosier R-750 Tire Only.
2. No soaking or altering of tire in any manor allowed. Drivers soaking or altering tires will forfeit all purse and points for the event. Any illegal tire, in the judgment of Speedway Officials, will be confiscated.

## **Bodies:**

1. Any body is allowed.
2. Spoiler can be a maximum 6" x 56" with forward bracing.
3. All other aftermarket spoilers can be maximum 5" x 60" with no forward bracing.
4. Stock Camaro spoilers are allowed on stock Camaro bodies.
5. Outlaw type bodies are allowed, must use manufactured nose dirt or asphalt style. Must maintain 46" roof height 10" behind windshield, maximum 80" width, and maximum 36" quarter panel height.

## **Heights:**

1. Body and chassis will maintain a minimum 4 1/2" ground clearance.
2. Fuel cell will maintain a minimum 8" ground clearance.

## **Interior:**

1. If using stock firewall it must remain in stock position.
2. If using stock floor pan it must remain stock to transmission tunnel and from rear of 4 point cage to firewall.

## **Exhaust:**

1. Must extend past driver and turn down or exit the side of vehicle.
2. Headers must be chassis style design **\*\*\*50lb weight penalty for over the top headers\*\*\***
3. No stepped headers. **\*\*\*Tri-Y headers are considered stepped headers\*\*\***

## **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.
2. Maximum fuel cell size is 22 gallons.
3. Fuel cell must be encased in metal container.
4. If fuel line is routed through the driver's compartment it must be encased in steel conduit. Lines to fuel pressure gauge must be steel braided type.



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## **Ignition:**

1. All crate engines (engine option 3) must use Crane Cams Ignition part # 6000-6701 (only as produced from Crane) or MSD 6 type with rev chip. Must be mounted on right side of car, dials and/or rev chip pointed out the passenger side on original plate. The mag positive & negative shall be a maximum length of 62 inches. Must remain uncut or spliced and on top of dash in clear view. Will be stock appearing type HEI distributor.
2. Only one box will be permitted and must be mounted on right side.
3. All wires must be exposed and in plain view and easily traced by tech officials.
4. 6200 maximum RPM limit for GM crate engines.

## **Electrical:**

1. Only 1 12v battery allowed.
2. If the battery is located in the driver's compartment it must be fully enclosed in a battery box.
3. All cars must have a clearly visible and accessible master disconnect switch. Engine Location #1 spark plug must be even with left front upper ball joint.

## **Engine Options:**

1. GM maximum 350 maximum 360 C.I. OEM cast iron straight plug heads or World Products straight plug S/R heads with a minimum 62 cc combustion chamber. Straight plug aftermarket heads will be allowed with a minimum 72cc combustion chamber. Maximum valve size on all heads is 1.94 intake and 1.50 exhaust. May use stud mount full roller 1.6 or 1.5 rocker arms. Maximum valve lift at the valve will be .540. 2 or 4 valve relief pistons that do not protrude out of block. You must use stock OEM cast iron 4bbl intake or cast iron Chevy marine intake, or Edelbrock #2101 or 2701 intake.
2. Stock small block 350 bored no more than 0.060 with only stock OEM 68 cc straight plug heads with stock diameter valve springs. Max valve size 1.94 intake, 1.50 exhaust. Must use stock 1.5 no roller tipped or stamped 1.5 roller tipped rockers. Must use 4 valve relief pistons that do not protrude out of the block. Intake can be Edelbrock #2101 or 2701, stock OEM cast iron 4bbl or Chevy Marine cast iron 4bbl.
3. GM 350 crate engine # 88958602 or #19258602 with no modifications and all tolerances must remain within the specifications as published by GM for the crate engine. NO PORTING OR GASKET MATCHING OF ANY KIND IS ALLOWED ON ANY PART OF ANY ENGINE! NO ROLLER CAMSHAFTS! ALL ENGINES MUST USE STOCK STROKE CAST OR STEEL CRANKSHAFTS WITH NO LIGHTNING OR KNIFE EDGING!

## **Carburetor and Spacer:**

1. Engine option 1 or 2 will use a box stock Holley #4412 500 cfm 2bbl with a maximum 1" 2 hole carburetor spacer.
2. Engine option 3 will use a box stock Holley 4150-8054 650 cfm 4bbl with a maximum 1" 4 hole carburetor spacer. Can use optional box stock Holley #4412 2 barrel carburetor.

## **Weight:**

1. a. Engine option 1 or 2 will start with a base weight of 3200 pounds.  
b. Engine option 3 will start with a base weight of 3100 pounds.
2. Maximum left side weight is 55%.
3. Maximum rear weight is 49%.
4. 1 pound per lap for burn off allowed after race. Tech director and race director reserve the right to adjust rules at any time in fairness of competition.

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