

2020 Antioch Speedway Super Stock Rules

ENGINE RULES:

1. 364 C.I. No aluminum heads or blocks. Over 364 cu. in must also have steel heads. Maximum cubic inches allowed is 406 cu. in.
2. Any cast iron head with no less than 23 degrees – one degree (+) plus or (-) minus allowance (for Chevrolets only), no porting, no bowl porting, no cylinder head work whatsoever. Intake manifolds must be stock aluminum with no grinding or porting allowed.
3. Any rockers now allowed. (Jesel Rocker Arms and Shaft Rockers are allowed.)
4. No belt drive fuel pumps.
5. Fuel: No nitrous oxide, no nitro methane or other nitrate additives. No propylene oxide or other oxygen bearing additives allowed.
6. Roller cams allowed.
7. No dry sumps.
8. For 364 Cu. In Powered Cars: 10.5 TO 1 COMPRESSION w/ HOLLEY (STOCK, OUT OF THE BOX) 750 CFM 4BBL CARBURETOR (Holley #4779 Dual Accelerator). CHOKE CAN BE REMOVED.
For cars powered by engines greater than 364 cu. in. up to 406 cu. in.: Must run Holley Original #4412 2bbl. carburetor out of the box! No modifications.
9. Engine set back, #1 spark plus is to line up with the upper ball joint. More than 1” set back motors must add 50 pounds in front of the motor plate. Maximum engine setback is 6”.
10. Radiator must be in front of the engine.
11. Jesel belt drive is allowed.
12. Cars greater than 364 cu. in. and up to 406 cu. in. will run a 6400 RPM Chip furnished by the Speedway for their MSD box which will be mounted out of reach of the driver. The Speedway reserves the right to test chips and to rotate chips between cars on race nights after heats and before the feature. Chips will also be tested with new MSD supplied technology after the feature. The Speedway reserves the right to confiscate MSD boxes. MSD has offered to monitor confiscated boxes for illegal modifications. Any altered chips or MSD boxes will result in permanent loss of that equipment by the driver/owner and both driver/owner will receive a four race suspension.

TRANSMISSIONS, REAR ENDS AND CLUTCHES:

1. OEM, BERT, BRINN OR FALCON transmissions allowed
2. Must have reverse and 2 gears forward.
3. Quick change allowed. No aluminum axle tubes.
4. Drive shaft must be steel and painted white.
5. Automatics OK. No converter OK
6. 3 disc clutches OK.

WHEELS & TIRES

1. 8” maximum width steel only, bead locks OK..
2. No aluminum wheels.
3. 8” maximum tread width.
4. American Racer, Dirt Bozz or Hoosier tires only.
5. There may be a NEW track tire.

WEIGHT:

1. 364 cu. in. powered cars must weigh 2,900. LBS. WITH 10.5 TO 1 COMPRESSION, WITH DRIVER, AFTER RACE. Cars with engines greater than 364 cu. in up to 406 cu in. must weigh 3,100 lbs. Note: 100 lbs. must be forward of the motor plate. (Other 100 lbs. can be placed at driver's discretion.)
2. Offset cars must run 100 pounds on right frame at rear of the motor plate. This is not included in the basic weight.
3. All weight must be painted white with the car number plainly marked.

FRAME AND CAGE:

1. May be 2 x 3 box tubing, 120 wall thickness.
2. Must have a stock clip at least 20" off center of spring bucket front and rear.
3. All roll bars must be a minimum of 1 1/2 " and .095 thickness.
4. Minimum wheel base is 104".

BODY:

1. Aluminum sheet metal allowed. It must look stock.
2. Nose optional.
3. Windows must maintain the stock opening. No chopped tops.
4. Hood scoops OK.
5. Spoilers may be 8" maximum.

REAR SUSPENSION:

1. Drivers Discretion – (four-bar, leaf, torsion, are all allowed.)
2. Coil over shocks are allowed on the rear end only.
3. Lift bars allowed.
4. Pull bars allowed.

SAFETY RULES:

1. All cars must have an approved fuel cell in a steel can.
2. No seat belts more than 3 years old.
3. Drivers must wear a drivers suit in good condition. Please keep them clean.
4. HELMET: UP TO DATE SNELL RATING.
5. All cars must have a 2 LB dry chemical fire extinguisher.
6. Mandatory driver's gloves at all times.
7. **WORKING RaceCeivers are MANDATORY.**