

# Sandusky Speedway

## 2018 Street Stock Rules

THE RULES AND/OR SPECIFICATIONS SET FORTH HEREIN ARE DESIGNED TO PROVIDE FOR THE ORDERLY CONDUCT OF RACING EVENTS AND TO ESTABLISH MINIMUM ACCEPTABLE REQUIREMENTS FOR SUCH EVENTS. THESE RULES SHALL GOVERN THE CONDITION OF ALL SPEEDWAY EVENTS, AND BY PARTICIPATING IN THESE EVENTS, ALL SPEEDWAY ENTRANTS ARE DEEMED TO HAVE COMPLIED WITH THESE RULES. NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF, OR COMPLIANCE WITH THESE RULES AND/OR SPECIFICATIONS. THEY ARE INTENDED AS A GUIDE FOR THE SPORT AND ARE IN NO WAY A GUARANTEE AGAINST INJURY OR DEATH TO PARTICIPANTS, SPECTATORS, OR OTHERS.

NOTICE: Creative interpretation and/or anything that may not be covered by the following rules or racing procedures are the sole responsibility of the Driver. If a question should arise a Driver should inquire with a Sandusky speedway Competition Inspector and/or Race Director before proceeding. Any decision on questionable items about rules and racing procedures is up to the Competition Inspector and/or Race Director and their decision is FINAL! Remember: It is the responsibility of the Driver to keep his/her car legal and follow all rules and racing procedures at all times. Infractions of technical rules of any kind may result in an additional weight penalty, forfeit qualifying, or not being able to compete until infraction is corrected. Penalty will be determined by a Competition Inspector and/or Race Director.

### **1.0 ELIGIBILITY:**

1.1 This division is limited to American manufactured autos from (1970 to 1990).

1.2 Jeeps, suburbans, convertibles, front wheel drives or two passenger sports model cars are NOT permitted.

1.3 The minimum allowed wheelbase is (108") with a maximum (1") tolerance. The wheelbase on all cars will be measured from the center of the front axle to the center of the rear axle.

### **2.0 BODIES:**

2.1 All cars must have a steel or aluminum body and MUST be factory stock appearing, as if it were being shown on the dealer showroom floor. Fiberglass roof permitted.

2.2 No flat sides, homemade bodies or skirts permitted.

2.3 No lowering, sectioning, or moving on frame.

2.4 All cars must have complete factory stock appearing hood/rear deck lid (with hood pins), bumpers, grills and roof in top quality condition.

2.5 Tires may not extend out body sides.

2.6 All doors must be welded shut.

2.7 After-market nose/tail pieces and 5 Star body panels will be permitted. AR bodies 2016 street stock Asphalt Camaro pn#1- 15015A, Mustang pn#2- 15015A and Challenger pn#3- 15015A, bodies permitted.

2.8 Roof height must be a minimum of (48") and will be checked (10") back from where windshield and roof meet.

2.9 Body side panels cannot be lower than frame. Body quality and appearance will be rigidly inspected at all times!

### **3.0 FRAMES:**

3.1 Frames must be stock as from the factory for year/make of chassis being used, from front bumper to (4") behind rear tires with optional tubing replacing remainder of frame to rear bumper.

3.2 Main frame rails may be (X) for support, and rusted portions may be plated. Frame cannot be altered for fuel pump clearance. NO OTHER MODIFICATIONS WHATSOEVER!

3.3 Frame height minimum (6") to be measured from the ground to the bottom of the entire main frame rail. NO TOLERANCE!

3.4 Unibody frame cars must be factory for year/make/model car being used in front and back with one exception, front and rear frame sections may be tied together with tubing.

### **4.0 INTERIOR:**

4.1 All upholstery fabric must be removed including back seat.

4.2 Doors may be gutted.

4.3 Due to the shortage of used cars, you can use aftermarket firewall and floor pan. That means only 20GA steel is to be used in the construction of the firewall and floor pan. The drivers' compartment may also be boxed in with 20GA STEEL ONLY.

4.4 All sheet metal to be a minimum of .020 gauge material.

4.5 Original dashboard may be retained or fabricated dashboard can be installed.

4.6 After-market Throttle/Brake/Clutch pedals are highly recommended.

### **5.0 INNER FENDER WELLS:**

5.1 May be removed, provided outer fenders are solidly braced.

### **6.0 HOOD/REAR DECK LID:**

6.1 Cannot be altered in any way, but inner panels may be removed, and must hinge on hinges.

6.2 Hood pins must be installed.

### **7.0 BUMPERS:**

7.1 Bumpers must be of the same year/make/model car and may be reinforced behind original bumper.

7.2 An external tow hook capable of supporting the weight of the car is mandatory for front & rear.

### **8.0 RUB RAILS:**

8.1 Must be in centerline of car between front and rear tires. Must be secured to roll cage and be up against body and must not be larger than (2") wide and (1") thick. No sharp edges. No other bars outside of car allowed.

### **9.0 WINDSHIELD/MIRRORS/RADIO/SCANNER:**

9.1 Must have factory stock windshield made of clear glass or Lexan in good condition at all times.

9.2 Back seat left & right side windows and rear window made of Lexan only will be permitted and recommended.

9.3 The use of rearview mirrors is prohibited.

9.4 The use of two-way communication is prohibited at all times. Any communications between pit crew and driver will result in complete disqualification.

9.5 A one-way receiving radio scanner locked to Frequency (463.7625) is MANDATORY and must be operational at all times

### **10.0 SEAT:**

10.1 Single front racing seat mandatory, and must be securely fastened to floor or roll bar members. Seat back must be solidly fastened to roll bar member.

10.2 Headrest required in all cars.

10.3 Seat mounted head, shoulder, and leg supports are strongly recommended.

### **11.0 ROLL BARS:**

11.1 Four point perimeter type roll bars required in all cars.

11.2 Minimum outside diameter (OD) is (1.75") and must have a wall thickness of (.095").

11.3 The top of cage should form a box and follow the contour of the windshield in front and rear.

11.4 Minimum (3) door bars are required on both sides.

11.5 Driver side door bars must be filled in with a (16) gauge steel door plate, with a minimum thickness

of (.065"). Must be securely welded to outside of the driver side door bar and cover the area from top door bar to bottom door bar and from rear hoop down post to front cage down post. The metal plate is to stop anything from entering driver's area.

11.6 Bars around driver must be padded.

11.7 Front/Rear hoops are permitted, but suspension parts cannot be attached to hoops.

11.8 Gussets should be used where possible. ROLL CAGE INSTALLATION WILL BE RIGIDLY INSPECTED!

## **12.0 SPOILERS:**

12.1 Rear spoiler maximum (6") high of material and no wider than the rear deck lid.

12.2 Must be one solid piece with all support braces mounted to the backside of spoiler.

## **13.0 ENGINES:**

13.1 All engine blocks and heads must be stock UNMODIFIED production cast iron units.

13.2 NO ALUMINUM BLOCKS OR HEADS.

13.3 Engine size as follows: GM 350/Ford 351 (.060) overbore for cleanup, Mopar 360 maximum. NO (400cu.in.) blocks or Stokers.

13.4 No vortex heads or angle plug heads. World Product Head # 4266A and RHS Head # 12317-01 will be permitted out of box- no modifications made. Guide plate and stud girdles are allowed. THE FOLLOWING ARE NOT PERMITTED: Porting, Sanding, Polishing, Gasket matching, Roller Cams, Gear Drives, Oil Coolers or Dry Sump Systems.

MODIFICATION TO RULE 13.4: RHS Heads are not readily available and we have been told they are on backorder. No one has a firm date on when they will be available. We will modify the rule and permit a Dart Iron Eagle Head- bare casting part number SKU- 10120010.....assembled head part number SKU- 10121112. This will be in addition to previously approved RHS head number 12317-01.

13.5 Engine must line up with (#3) spark plug with the center of the left (driver) side upper ball joint.

13.6 Roller tip rockers and roller rockers are permitted.

13.7 No shaft mounted rockers.

13.8 All part numbers must be legible and unaltered.

13.9 CRATE OPTION

13.10 Race-1 (330-540-7223) will be the only authorized engine purchase/conversion facility. All 602 Crate Engine purchases and conversions must be completed by Race-1 and will be sealed upon completion with Race-1 issued seals as well as GM factory seals. These special seals will be required to

compete. IF USING 602 SEALED CRATE 100 LB WEIGHT BREAK AS WELL AS A 1% LEFT SIDE WEIGHT BREAK 4 BARRELS ARE ALLOWED FOR CRATE ONLY.

13.11 Crate motor can be swapped out at any time based on track's discretion.

#### **14.0 EXHAUST:**

14.1 Use of under the car header's of a (1 5/8") max. Diameter in size with a (3") collector must be used,

14.2 No porting or polishing.

14.3 Exhaust pipes may be maximum (3" O. D.) and must exit behind the driver.

14.4 Cars may be required to install mufflers and pass a (.98) decibel test.

14.5 No "H", "X" or two into one pipe.

14.6 Center dump manifolds, 180 degree or over the top headers not permitted.

#### **15.0 CARBURETION/INTAKE:**

15.1 Carburetor will be limited to (1) 500cfm Holley (#4412) unmodified (air horn must be intact) (2bbl carburetor) with stock size venturi diameter and throttle bore, and must pass a gauge test.

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15.2 Stock Boosters Only! If carburetor adapter is to be used it cannot exceed (1") thick.

15.3 Carburetor must have (2) throttle return springs hooked to (2) different points.

15.4 A throttle rod is required. No factory throttle cable assemblies allowed.

15.5 Toe-type return gas pedal mandatory.

15.6 Edelbrock part (#350-2101) intake manifold will be used for a GM engines. Ford engines as follows: (289/302 engines Edelbrock #2121) and (Windsor 351 engine Edelbrock #2181 ONLY. NO Brzezinski, Bowtie, Marine, High-rise or Racing after-market intakes.

15.7 All part numbers must be legible and unaltered.

#### **16.0 AIR CLEANER:**

16.1 A metal air cleaner must be used on all carburetors to act as a flame arrestor.

#### **17.0 FUEL PUMP/ FUEL LINES/FUEL CELL/ FUEL:**

17.1 Pump shall be standard type unit installed on engine only.

17.2 No electric fuel pumps or glass/plastic fuel filters.

17.3 Fuel line must run under car, and must be fastened to underbody or frame of car at no more than (24") intervals.

17.4 It is recommended that rubber or plastic garden hose be used over metal fuel lines, and be fastened down with pipe straps.

17.5 Fuel cell to be a Maximum (22) gallon commercial type cell bladder with foam insert, required. Must be mounted in trunk area, between frame rails, with bottom of fuel cell no lower than the bottom or rear-end center section.

17.6 Must use at least (2) two (1") wide straps to mount fuel cell.

17.7 Rear protection bars mandatory.

17.8 Only straight gasoline or racing fuel is permitted. NO NITRO, ALCOHOL OR NITROUS.

#### **18.0 BATTERY/STARTER/IGNITION:**

18.1 Battery may remain under the hood, or may be moved into driver's compartment but must be mounted in a PLASTIC MARINE TYPE BOX in case of rollover.

18.2 Battery must be securely mounted down. NO RUBBER OR WIRE -TIE DOWNS!

18.3 Starter must be operable at all times and able to start and move car at all times.

18.4 No Magnetos, MSD boxes.

#### **19.0 RADIATOR/CATCH CAN:**

19.1 Any radiator allowed which will fit under stock hood without cutting, dimpling or altering stock fit hood.

19.2 All cars must be equipped with a radiator overflow catch can.

19.3 The use of antifreeze is prohibited and can result in a (\$100) fine.

#### **20.0 FAN SHIELD:**

20.1 A metal fan shield or shroud must be securely fastened and shall cover the upper (180°) of fan area.

#### **21.0 OIL PAN:**

21.1 Must have a minimum ground clearance of (4").

21.2 Oil pan may be replaced from stock but may not be modified so as to allow lowering of crankshaft centerline.

21.3 Optional (8) qt capacity oil pan permitted.

21.4 No Dry Sump System.

**22.0 TRANSMISSION/CLUTCH:**

22.1 Standard or automatic transmissions only.

22.2 A (360°) steel blow proof bell housing is mandatory for manual transmission and a Metal Blanket for an automatic transmission.

22.3 Clutch must be standard (10") factory production type with pressure plate. NO SMALL CLUTCH, NO ALUMINUM PRESSURE PLATE OR FLYWHEELS, NO DOUBLE/TRIPLE DISC CLUTCHES OR 10,000-RPM CLUTCH.

22.4 NO aluminum bell housing.

22.5 No machining of any kind on flywheel.

22.6 Automatic transmission must have a functional O.E.M. Torque Converter, with O.E.M. stall speed.

22.7 Steel flywheel only, with a minimum weight of (16) lbs.

22.8 Transmissions must have at least two forwards and one reverse gear.

**23.0 REAR END/DRIVESHAFT:**

23.1 Must be U.S. factory production type for year/make/model of chassis being used and in stock location.

23.2 Rear end upper and lower control arms must be steel and stock.

23.3 No aftermarket trailing arms (Single, non-adjustable chassis mounting point only).

23.4 No 3 link or panard bar set up.

23.5 Ford (9") rear end and /or floater permitted.

23.6 No quick change rear ends.

23.7 NO Aluminum driveshaft.

23.8 Driveshaft must have at least (1) (360°) safety driveshaft loop required and must be constructed of at least (.25") by (2") steel or equivalent, mounted (6") back from u-joint.

23.9 Driveshaft must be painted white and have car number for identification.

**24.0 FRONT/REAR SUSPENSION:**

24.1 Must remain factory manufactured for year/make of chassis being used, and in factory stock location on frame. Must have stock upper and lower ball joints.

24.2 An aftermarket A-frame with part number UBM14-0809-5r or UBM14-0829-6L will be permitted.

24.3 Lower A-frames must be stock for frame being used.

24.4 No modifications will be permitted.

24.5 Coil springs MUST be in stock mounts.

24.6 Rear load bolts or twist blocks permitted.

24.7 No aftermarket upper or lower A-frames other than what is listed above and must remain in O.E.M. mounting location only.

24.8 No coil binding.

24.9 Racing springs and spring rubbers permitted. Leaf springs must have the same number of leaves on both sides. SUSPENSIONS WILL BE RIGIDLY INSPECTED! ALL PART NUMBERS MUST BE LEGIBLE AND UNALTERED.

#### **25.0 SHOCKS/SPRINGS:**

25.1 One steel shock per wheel. Must retain factory shock mount location and angle

25.2 Shock absorbers must be non-adjustable, and non-rebuildable with no external canisters.

25.3 Schrader Valve, Coil over, and Coil over Eliminators are NOT PERMITTED.

25.4 Total racer cost of less than (\$100) per shock new (Speedway Motors Catalog / Motorstate). Shock rule to be strictly enforced.

25.5 Bump stop technology is NOT PERMITTED.

25.6 Minimum (4") spring.

#### **26.0 HUBS/SPINDLES:**

26.1 Must be factory production for year/make of chassis being used. (Spindle part # 91034501 optional)

26.2 Studs for wheels must be (9/16") diameter minimum.

26.3 No wide five's.

#### **27.0 STEERING:**



27.1 Must use stock steering box in stock location and have a minimum of (2) universal joints.

27.2 NO RACK AND PINION or CENTER STEERING!

27.3 Collapsible steering column highly recommended.

#### **28.0 BRAKES:**

28.1 Shall be factory stock hydraulic type brake, operating all four wheels at all times.

28.2 Absolutely NO racing type brakes. Brake inspection and/or test may be required at any times.

28.3 ALL NON-MECHANICAL TRACTION CONTROL DEVICES INTENDED FOR LIMITED WHEEL SLIP IS PROHIBITED. NO WIRING OF ANY TYPE PERMITTED TO FRONT/REAR WHEELS OR SUSPENSION.

28.4 Rear disc brakes are permitted.

28.5 Optional two-piece stock appearing aftermarket brake rotors are permitted on the front only.

28.6 O.E.M. calipers only (NO RACING OR AFTERMARKET BRAKE CALIPERS).

28.7 Brake bias adjuster allowed.

#### **29.0 TIRES/WHEELS:**

29.1 American Racer AR-970 series racing tire will be the only approved tire.

29.2 Chemically soaking of tire will NOT BE PERMITTED AND/OR TOLERATED. If tires are found to be chemically soaked they will be confiscated and driver will be disqualified and/or fined.

29.3 Tires are to be mounted on a steel racing wheel with a maximum width of (8") measured from bead to bead, with a (15") diameter.

29.4 Wheel width of (77") will be measured from outside tire to outside tire front and rear.

#### **30.0 WEIGHT:**

30.1 All cars to weigh a minimum of 3300 lbs. with a maximum (54%) left side weight and (49%) rear. Exception for Crate cars which are to weigh 3200 lbs. with a maximum (55%) left side weight and (49%) rear weight. All cars can be measured after the feature or at an officials discretion, wet or dry with the driver in the driver's seat with helmet as if race ready.

30.2 All attached on weight MUST be securely fastened to car and must be painted white with car number for identification.

#### **31.0 PAINT/LETTERING:**

All cars must be professionally painted, neat in appearance and professionally lettered at all times.

31.1 Numbers must be approved by the Speedway office and must be professionally painted on both sides and on the ROOF of car, readable from the right side, in minimum twenty-four (24") heights, with a four (4") stripe width in a color offering contrast to the color of car.

31.2 A four (4") number with the letter (GN) lettered in white or yellow located on the upper right side (Passenger Side) of the windshield.

31.3 DUPLICATE CAR NUMBERS WILL NOT BE PERMITTED!!

31.4 All car numbers must be registered with Lorain County Speedway office regardless if number competed in previous years.

### **32.0 TRANSPONDER:**

32.2 Transponder is to be mounted behind the left rear tire.

### **33.0 SAFETY EQUIPMENT:**

33.1 All drivers must be protected at all times with a clean SFI or equivalent full fire driving suit, fire retardant gloves, shoes, quick-release lap belt, shoulder harness and headrest.

33.2 Hans, Hutchens or equivalent head and neck restraint is highly recommended.

33.3 A Snell-Rated helmet SA2005 or newer is required. Sticker must be visible and verifiable.

33.4 Harness and seat belts and are required to be five point system with lower crotch belt (six point systems are recommended). Mounting attachment bar for shoulder harness must be at shoulder height of the driver and harness should not bend or change direction. Belt systems must be minimum of (3") SFI approved units, dated within three years to date.

33.5 All cars must have a driver's side web style window net with a latch mechanism on the top front corner, and must fall down alongside driver's door when released.

33.6 All cars must have a (2 ½) pound minimum B and C dry chemical fire extinguisher with gauge mounted within easy reach of driver and in working order at all times.

33.7 An engine ignition kill switch must be mounted within the driver's reach and must be marked 'OFF' /'ON'. **NOTICE/WARNING:** All part numbers must be visible and unaltered. If part number is not legible or has been altered in any way it will be determined to be illegal and not permitted for use. If any items are found to be illegal, Sandusky Speedway and/or its Track Officials reserve the right to confiscate any illegal parts. **REMEMBER:** Sandusky Speedway and its officials reserve the right to change specifications/procedures/competition rules, and add/or subtract cars to the field at anytime. Those who sign-in and/or start in an event agree to be governed by these rules and by all decisions of the Speedway and its officials.

AMERICAN RACER RACING TIRES WILL BE AVAILABLE AT THE TRACK.

PURSE: DASH 25, 20, 15, 10. HEAT: 25, 20, 15, 10, 5. FEATURE: 500, 325, 235, 190, 180, 170, 155, 140, 125, 110, 100 THRU LAST

Any technical questions contact the Tech. Inspector TBA

Any procedural questions contact the Event Director Chris Mize 330-280-1936