

# 2018 PURE STOCK RULES

## PROTEST:

1. Engine Top \$300 bottom \$300
2. 602 Crate Engine \$350 Top \$400 Bottom
3. \$100 per shock Claim Rule top three only
4. Tire Protest \$100 (one tire) top three only
5. CRATE MOTOR CLAIM RULE- \$3900

**WINDOW NET HIGHLY RECOMMENDED.**

**ALL CARS MUST HAVE FRONT AND REAR TOW HOOKS!**

**ALL DRIVERS MUST WEAR A ONE OR TWO PIECE FIRESUIT, RACING GLOVES, AND RACING SHOES DURING COMPETITION.**

## WHEEL BASE:

1. **Minimum 103" must match body.**

## Weight:

1. 3300 lbs.

## CAR AND BODY:

1. Must have at least 4 windshield bars in front of the driver.
2. Racing seat required.
3. Must have full front and rear firewall in driver's compartment.
4. Car may be boxed in.
5. Firewall can be moved back, no more than 6" from most forward body mount. Can run steel fab firewall.
6. Firewall must go fender to fender, to top of chassis.
7. **Floor pan must go from driver's door to passenger door, minimum to inside of passenger frame rail.**
8. May run 4 inch rear spoiler. Sides must be 4" also. 18 1/2" long.
9. May use aftermarket body, aluminum or steel.
10. May run aftermarket nose and tail piece.
11. **Rear of car can be open.**
12. **Driver's compartment must be closed in from door to door behind drivers seat!**
13. No sloping noses. Nose must follow factory body lines.
14. Nose flares must attach to fenders and cannot go upward from fender more than 1".
15. Bodies must remain stock appearing!
16. There must be a break on each side of car,

**17. Rear of car must taper inward.**

**18. NO FLAT BODIES!**

**ENGINE:**

1. MUST BE FACTORY STOCK FOR MAKE AND MODEL
2. NO 400's or Big Blocks
3. GM CRATE 602 OK
4. Engine Location. From top bolt in steering box, where steering box bolts to chassis, to center of motor mount, 18". One inch tolerance.

**BORE:**

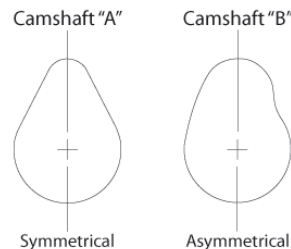
1. **.060 + .010 wear.**

**ROTATING ASSEMBLY:**

1. Floated/Press Fit OEM, Eagle, or Scat rods with 3/8 rod bolts.
2. 3/8 cap screws ok.
3. OEM or aftermarket Cast or hypereutectic four eyebrow dish or four eye brow flat top pistons, only. 2256 ok.
4. No coating of engine rotating parts except pistons.
5. Crankshaft can be OEM, EAGLE, or SCAT, CAST ONLY! Stock Stroke, 49 lbs. minimum, weighed with timing gear, pilot bushing, bolt and washer.
6. Piston cannot come out of block.

**CAM & LIFTERS:**

1. .425/.425 MAX LIFT
2. Stock diameter lifters
3. Anti-pump-ups ok
4. Valve lash ZERO



5. No Asymmetrical Camshafts.

**CYLINDER HEADS:**

1. OEM open chamber style heads.
2. OEM heads may be 70 cc's minimum
3. Screw in studs and guide plates ok
4. Any retainer and lock

5. 1.5 stock style rocker arms, long slot ok. 1.5 roller tip ok.
6. Poly locks ok
7. No stud girdles.
8. Stock type 1.250 valve springs
9. Valve size 1.94/1.5 only, stainless steel valves ok, no swirl polished valves
10. May have .010 valve stem step down
11. 1" maximum bowl cut and must retain lip
12. Absolutely no porting/polishing of any type allowed.

#### **OPTIONAL HEAD:**

1. Engine Quest 350I
2. 70 cc minimum
3. Maximum allowed consistent runner size will be 179 cc's.

#### **IGNITION:**

1. Stock type HEI distributor. MSD HEI OK.
2. NO TRACTION CONTROL DEVICES ALLOWED.

#### **EXHAUST:**

1. Headers or stock type manifolds. Over the rail or parallel Headers

#### **CARBURETOR:**

1. Quadrajets
2. Holley 1850 series vacuum secondary. Can change bowls to center hung floats.
3. 602 crate engine carb # 80541 only. This carb may be an aftermarket version, but must retain original features.

#### **INTAKE:**

1. Cast Iron Stock type.
2. No porting and polishing.
3. 1" spacer or adapter only, **NOT BOTH!**
4. 602 can run 2" spacer

#### **FUEL CELL/FUEL:**

1. MANDATORY
2. Racing or pump gas only. E-85 ok.
3. NO ALCOHOL, METHANOL, OR ANY TYPE OF FUEL ADDITIVE ALLOWED!

#### **TRANSMISSION/DRIVESHAFT:**

1. Stock type transmissions only.
2. No power-glide transmissions.
3. Must have working forward and reverse gears.
4. Automatics must have torque converter, 10" minimum. No dummy converters.

5. No racing transmissions.
6. Any steel or aluminum driveshaft.
7. Must have **safety loop** around driveshaft

### **CLUTCH:**

1. Stock type clutch and pressure plates only 10" minimum.
2. Steel flywheel only and must weigh 14 lbs. minimum. Weighed without bolts
3. Clutch and pressure plate must weigh 16 lbs. minimum. Weighed without bolts.
4. May run stock type non-spring clutch disc.

### **BRAKES:**

1. Stock type factory
2. Disc on rear ok
3. Factory style aluminum single piston calipers ok.
4. Dual master cylinders ok.

### **REARENDS:**

1. Stock rear ends or 9" Ford Rear ends OK.
2. Floater rear ends with steel parts OK.

### **WHEELS AND TIRES:**

1. 8" steel wheels only. Beadlocks ok.
2. HOOSIER H500 ONLY
3. NO ALUMINUM!
4. No Grooving and siping.
5. Tire Sample Protest \$100, Top three only.

### **SUSPENSION:**

1. Adjustable Cups on front OK.
2. Screw jacks on rear Ok, blocks on leaf springs ok.
3. Stock length/type or aftermarket NON-ADJUSTABLE trailing arms.
4. No adjustable sliders for leaf spring cars. Adjustable lowering blocks ok.
5. Upper Trailing arms may run offset bushing. NO HEIM TYPE
6. Lower Rear Trailing Arms must utilize stock type mount on chassis side and on rear axle, no adjustable mounts on rear axle housing. If Car already has these, the rear of trailing arm must be no more than 2 3/4" from bottom of housing to center of bolt. Top trailing arm 3" from center of hole to center of hole on top housing. Center of axle tube seam to center of top trailing arm bolt 7 3/4" , no tolerance.
7. Both lower arms should be same length as well as both uppers.



8. May run non-adjustable tubular top A-arms.
9. Lower control arms must be stock type, no Heims or racing type lower A-arms permitted.
10. Can run after market upper control arm mounts in stock location. No heim joints or slider mounts.

### SHOCKS:

1. Steel, rebuildable. No Schrader valve.
2. NO coil-over or aluminum bodied shocks.
3. Heim shocks on rear OK. Leaf and Coil spring car shocks must be in stock location, may extend shock mount through factory location to accommodate heim joint. BUT MUST REMAIN IN FACTORY LOCATION!
4. \$100 per Shock Claimer (top 3 only)

### CHASSIS:

1. Chassis must be stock.
2. No full tube chassis, only allowed tubing can be located behind rear suspension mounts for fuel cell mounting.
3. Uni-bodies may be tied together.
4. Chassis can be braced underneath.
5. Camaros must retain factory frame rails.

### SAFETY REGULATIONS:

All cars and drivers must pass safety regulations. Must have fire extinguisher in car. Must have full driving suit, Racing gloves, and racing shoes to participate in any event at Swainsboro Raceway.

1. **All weight must be securely mounted in car, painted white, and have car number on it. Cars will not be allowed on track if tech inspector deems it unsafe. If any car drops weight on race track, car and driver are disqualified for the remainder of the night's events.**
2. **Racing seats only. Must be securely mounted to roll-cage.**
3. **ALL RACERS MUST HAVE A 10 LB. FIRE EXTINGUISHER IN THEIR PIT AREA! THIS IS MANDATORY BY LAW!!!**
4. **Must have window net and must be in the up position when on track!**

**THE ABSENCE OF A SPECIFIC RULE DOES NOT IMPLY APPROVAL, CONSENT OR PERMISSION REGARDING THAT SUBJECT. ANY QUESTIONS OR DOUBTS REGARDING SUCH MATTERS SHOULD BE DIRECTED TO RACE TRACK OFFICIALS FOR A CLARIFICATION. TRACK RESERVES THE RIGHT TO ADD WEIGHT FOR ANY INFRACTION. TRACK MAY CHANGE RULES AT ANY TIME.**