

# 2021 SOUTHLAND INSURANCE 602 CRATE LATE MODEL RULES

## GENERAL RULES

THESE RULES WILL APPLY TO ALL SWAINSBORO RACEWAY 602 CRATE LATE MODELS

HEAD TECH OFFICIALS DECISION ON LEGALITY WILL BE FINAL

ALL CARS ARE SUBJECT TO BE INSPECTED AT ANY TIME DURING ANY EVENT

SWAINSBORO RACEWAY RESERVES THE RIGHT TO CONFISCATE ANY SUSPICIOUS OR DEEMED ILLEGAL PARTS

## WEIGHT

BASE WEIGHT IS 2400 LBS

THERE WILL BE NO BURNOFF FOR QUALIFYING OR HEAT RACES, THERE WILL BE A 1 LB PER LAP BURNOFF FOR FEATURE RACE.

ANY ATTACHED WEIGHT MUST BE SECURELY BOLTED TO THE FRAME AND HAVE THE CAR NUMBER ON IT

NO LEAD OR BALLAST MAY BE BOLTED TO REAREND OR ANY SUSPENSION COMPONENTS

50 LB. WEIGHT BREAK FOR HANS AND FULL CONTAINMENT SEAT. MUST HAVE BOTH FOR WEIGHT BREAK

## ENGINE RULES

CHEVROLET PERFORMANCE 602 SEALED CRATE ENGINE IS THE ONLY ENGINE ALLOWED TO COMPETE.

REBUILDS BY LICENSED BUILDERS WILL BE ALLOWED, BUT MUST MEET ALL DURRENCE-LAYNE ENGINE SPECS.

## CARBURETOR RULES

ANY 4 BARREL CARB.

MUST BE NATURALLY ASPIRATED

1" CARB SPACER MAX AND 2 GASKETS. TOTAL THICKNESS MAY NOT EXCEED 1.350

## DISTRIBUTOR RULE

ANY ELETRONIC IGNITION SYSTEM

NO CRANK TRIGGER, DUAL PICK-UPS OR MAGNETOS. IF CAR HAS A DUAL PICK-UP DISTRIBUTOR, ONLY 1 DISTRUBUTOR WIRE AND 1 IGNITION BOX WIRE MAY BE HOOKED UP. DRIVER MUST NOT BE ABLE TO SWITCH BOXES FROM COCKPIT.

NO TRACTION CONTROL DEVICES ALLOWED, BOXES MAY BE CONFISCATED BY OFFICIALS AT ANY TIME

### WATER PUMP RULES

CAST OR ALUMINUM STOCK MOUNT WATER PUMP ONLY, NO ELECTRIC WATER PUMPS ALLOWED

ALL CARS MUST HAVE A MECHANICAL FAN AT ALL TIMES

### EXHAUST RULE

COLLECTOR TYPE HEADERS REQUIRED, MUST HAVE 4 TUBES INTO 1

NO TRI-Y HEADERS, 180 DEGREE OR ZOOMIE HEADERS ALLOWED

NO SQUARE TUBE HEADERS

### FUEL CELL/ FUEL/ FUEL PUMP RULE

RACING FUEL CELL REQUIRED AND MUST BE SECURELY MOUNTED BETWEEN FRAME RAIL IN REAR OF CAR

GASOLINE, RACING GAS AND E-85 ALLOWED

ABSOLUTELY NO NITROUS OXIDE, PURE METHANOL/ETHANOL OR OTHER FUEL ADDITIVES ALLOWED

NO ELECTRIC FUEL PUMPS ALLOWED

### ENGINE PROTEST RULE

\$400 TO/ \$400 BOTTOM

ALL PROTEST FEES MUST BE PAID IN CASH TO HEAD TECHNICAL INSPECTOR WITHIN 10 MINUTES OF COMPLETION OF RACE

IF PROTESTED DRIVER REFUSES PROTEST, THEY WILL BE DISQUALIFIED FROM EVENT

### ENGINE SET BACK RULE

6" FROM CENTER OF TOP BALL JOINT TO #1 SPARK PLUG (1" TOLERANCE). A 50 LB WEIGHT PENALTY WILL BE ADDED FOR EVERY ½" PAST TOLERANCE

### BODY RULES

ALL DURRENCE LAYNE BODY RULES APPLY

8" SPOILER AND 8" SPOILER SIDES ONLY

DECK HEIGHT IS 39" MAX MEASURED IN CENTER OF T-BAR. NO CURVED OR BENT T-BARS

MAY RUN A STONE SHIELD ON RIGHT SIDE FRAME RAIL.

SPOILER WIDTH IS 72" MAX

### FRAME RULES

ALL FRAMES MUST BE OF STEEL CONSTRUCTION

SQUARE OR RECTANGLE FRAMES MUST BE AT LEAST 2" X 2"

### SUSPENSION RULES

STANDARD LATE MODEL SUSPENSION ONLY. (4 BAR, 2-LINK, SWINGARM, ECT...)

NO SPRING LOADED OR SHOCK TYPE 4 BAR RODS, ONLY SOLID 4 BAR RODS ALLOWED

NO TORSION BARS IN FRONT OR REAR OF CAR

1 MECHANICAL TRACTION DEVICE ALLOWED. EITHER 5<sup>TH</sup> COIL, TORQUE LINK OR PULL BAR. NOT BOTH

1 90/10 TYPE SHOCK ALLOWED OVER REAREND

ONE COIL SPRING PER CORNER, ONE COIL SPRING FOR 5<sup>TH</sup> COIL AND 1 COIL SPRING FOR 6<sup>TH</sup> COIL ALLOWED

NO STACKED SPRINGS ALLOWED

LR IN FRONT SHOCK ALLOWED

SPRING RUBBERS ALLOWED

BUMP STOP ALLOWED ON RF ONLY, PACKER/ SHIMS ALSO ALLOWED ON RF.

1 BUMPSTOP WASHER ONLY ALLOWED ON LR, RR AND LF AS A SHOCK SAVER TO PREVENT ROD-END JAM NUT FROM DAMAGING ROD GUIDE. (1/8" THICKNESS MAX)

### SHOCK RULE

7 SHOCKS ALLOWED ON CAR MAX (1 LF, 1 RF, 1 RR, 2 LR, 1 5<sup>TH</sup> COIL AND 1 OVER REAR END)

SHOCKS CAN BE STEEL OR ALUMINUM

NON-ADJUSTABLE SHOCKS ONLY, NO REMOTE RESERVOIRS.

NO THRU-ROD OR J-DAMPER SHOCKS ALLOWED

SCHRADER VALVES OR PIERCING VALVES FOR GAS ADJUSTMENT ARE ALLOWED

\*SHOCK CLAIM RULE IS \$200 PER SHOCK. YOU MUST FINISH ON THE LEAD LAP AND IN THE TOP 3 TO CLAIM SHOCKS. ANY DRIVER FINISHING IN THE TOP 3 MAY CLAIM THE SHOCKS OF ANY DRIVER FINISHING IN THE TOP 3. CLAIM WILL NOT INCLUDE SPRING OR COILOVER KIT, IT DOES INCLUDE ANY BUMP STOPS OR SHOCK EXTENSIONS THAT ARE MOUNTED TO SHOCK.\*

NO AIR SHOCKS

### WHEELBASE RULE

MINIMUM WHEELBASE IS 103" (1" TOLERANCE)

TRANSMISSION RULE

MUST HAVE WORKING FORWARD AND REVERSE GEARS

NO STRAIGHT/ DIRECT DRIVES OR IN/OUT BOXES

NO TEX, JERICO OR QUICK CHANGE TRANSMISSIONS

BRAKE RULES

STEEL ROTORS ONLY

NO CARBON FIBER OR TITANIUM BRAKE COMPONENTS

NO GPS/ BRAKE CONTROLLED TRACTION CONTROL DEVICES

WHEEL RULES

ANY 14" WIDE STEEL OR ALUMINUM WHEELS

MUST BE MOUNTED TO HUB WITH LUG NUTS, NO KNOCK-OFFS OR CENTER LOCK WHEELS

BEADLOCKS OK

TIRE RULE

HOOSIER SPEC D21 & D55, CRATE-RACIN USA 21 & 55, SPEC 1350 & 1600.

SPEC 70 & NRM 70 ON RR ONLY

ECONOMY/ OPEN 1350 WILL ONLY BE ALLOWED AT SELECT EVENTS AND RACERS WILL BE GIVEN PRIOR NOTICE. CARS AT SPECIAL EVENTS RUNNING OPEN/ ECONOMY TIRES MUST WEIGH 2400 LBS WITH 25 LBS OF THE TOTAL WEIGHT MOUNTED IN FRONT OF MID-PLATE.

GROOVING AND SIPING ALLOWED

Attention racers, after speaking with many racers, tracks, and sanctioning bodies Swainsboro Raceway has made the decision to amend our current tire rule effective immediately. The same compounds we currently allow will still be allowed, but there will absolutely no tire treatment or conditioners of any kind. We will reserve the right to test any tire in any class at any time we see fit. There will also be a 100.00 tire protest fee implemented for fairness of competition.

**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.**

