



## 2022 CRATE 604 LATE MODELS RULES

### 604 Late Model Rules

1. All Cars are subject to inspection by BOYD'S Speedway at any time during the event
2. BOYD'S Speedway reserves the right to confiscate any suspicious, or deemed illegal components
3. BOYD'S Speedway reserves the right to alter or amend these rules at any time in the interest of fair competition.
4. Chevrolet Performance Crate Engine Part #88958604/19318604
5. Weight #2300.

### **\*\*\*NO FUEL BURN OFF\*\*\***

6. 604 Engines are sealed at the Intake Manifold, Cylinder Head, Front Cover, and Oil Pan with GM CHEVROLET PERFORMANCE CAPS.

7. **\*\*\*THE ONLY SEALS ALLOWED FOR COMPETITION ARE\*\*\*: A.**

### **CHEVROLET PERFORMANCE CAP SEALS**

**B. CRATE USA CABLE SEALS, RUSH CABLE SEALS, IMCE CABLE SEALS, FAST TRACK SEALS, AMERICAN ALL STAR CRATE SERIES SEALS**

**\*\*\*NO TWIST OFF BOLTS WILL BE LEGAL IN 2021\*\*\* \*\*\*NO**

UCRA OVER BORE SEALS ARE LEAGAL \*\*\* 8. All Crate Engines must remain Stock as they came sealed from the factory. They must not be Altered, Modified or changed from Factory Specs. All engines will be checked by the

Latest GM Tech Manual.

9. No changes are allowed to the engine - including but not limited to Intake Manifold, Heads, Valve Covers, Front Cover, Oil Pan, Harmonic Balancer, or any other part or parts on or in the Engine.

10. Engine's GM Serial Number, and when applicable, Crate USA build certification number must be clearly visible.

11. Anyone found in violation of Engine Rules and/or Factory Specs inside the sealing system of the engine will result in the Driver being banned from competition at BOYD'S Speedway for 30 DAYS from the date of infraction and pay \$500.00 dollars fine before being able to return to competition.

12. Anyone found in violation of Engine Rules and/or Factory Specs outside the sealing bolts of the engine will result in the Driver being Disqualified for that Event and will pay a 500.00 dollar fine before being allowed to compete at the next Event

13. No Vacuum Pumps

14. Any 4 Barrell Carb, must be Needle, Seat and Accelerator Pump Style.

15. Engine must be Naturally Aspirated

16. May use one 1 inch, One Piece, Carb Spacer (.040 Tolerance Maximum) with Two Standard Gaskets (Maximum 0.070 Inch Thick) One Gasket Between Intake to Spacer and One Gasket Between Spacer to Carb. At No Point May Spacer Extend into Intake Manifold Area

17. Any Electronic Distributor Type Ignition System. NO CRANK TRIGGER, DISTRIBUTORLESS MULTI-COIL, OR MAGNETO IGNITION SYSTEM.

A. Ignition Box / Buy Rule: You are able to protest/buy the ignition box from the WINNER of the FEATURE only. The cost for this is a nonrefundable \$550. Must be paid in CASH after the FEATURE ONLY within 5 min of cars crossing the scales. If the winner decides not to sell their ignition box then they are deemed

illegal and will be disqualified receiving no points or prize money.

18. No Electronic Traction Control Devices

19. All Cars must have a working Starter

20. Cast or Aluminum Water Pump. Stock Mounted Water Pump and Fans Only.

No Electric Fans. No Electric Water Pump.

21. Collector Type Headers Required. Must have four (4) tubes into on

(1) Collector of a consistent diameter. NO TRI Y HEADERS. NO 180 DEGREE

HEADERS NO MERGED HEADERS. NO SQUARE TUBE HEADERS 20. An Approved

Fuel Cell (32 Gallon Max) Must be securely mounted in the Trunk area of the

car, inside a .20-gauge metal box supported by a minimum of Two 2" By 1/8"

Steel Straps. All Fuel Cells must be completely Visible from rear of car.

22. Racing Gas or E85 Allowed. Fuels must have a specific gravity of LESS than

(Gas .745 / E85 .786) Anything over will be Disqualified. NO

NITROUS OXIDE. NO PROPYLENE OXIDE. NO NITROETHANE. NO

MTBE. Fuel may be collected during post-race tech or sent to the labs for

testing. Any suspicious fuel will then be sampled, and lab tested. Additives that

will be tested for but not limited to are nitromethane, propylene oxide, alcohol

(all types), aldehydes, aminobiphenyl, benzene, borane, benzidine, beryllium

compounds, bromine compounds, butadienes, chlorinated compounds,

chromates, dioxane, MTBE, ethyl acrylate, ethylene oxide, hydrazine

compounds, dioxane, methylene diamine, naphthylamine, nitrogen

compounds, styrene, toluidine, and xylidine. Any of these compounds that are

not included in fuel claimed or in correct amounts matching benchmarks will

be deemed illegal. BOYD'S SPEEDWAY HAS

THE RIGHT TO IMPOUND AND CHECK ANY COMPETITOR AT

ALL TIMES.

ANY DRIVER NOT WILLING TO SAMPLE THEIR FUEL WILL BE DISQUALIFIED.

\*\*\*Fuel protests cost \$200 and will be sent to the lab. IF THE FUEL IS FOUND TO BE ILLEGAL THE DRIVER MUST PAY A \$500 FINE TO THE TRACK BEFORE BEING ALLOWED TO RACE AGAIN. (PRIZE MONEY WILL BE HELD DURING ALL PROTEST) ANYONE FOUND ILLEGAL WILL BE DISQUALIFIED FROM THE EVENT AND RECEIVE NO PRIZE MONEY OR POINTS

NO NITROUS OXIDE. NO PROPYLENE OXIDE. NO NITROETHANE. NO MTBE. 22. Fuel Pump must be Mechanical, Cam Driven, or Belt Driven. NO ELECTRIC Fuel Pumps

23. Power steering pump may be mounted on the front of motor or on reverse mount.

24. Engine Setback will be 6" from Center of Top Ball Joint to the #1 Spark Plug with a 1 " Tolerance

25. Lucas Oil Body Rules

26. 8 " Spoiler and Sides Only

27. All Frames must be of steel construction

28. Square or Rectangular Frame must be a minimum of 2" BY 2" Material .083 Wall Thickness.

29. Round Tube Frame must have a minimum of 1 3/4 " Outside Diameter, .083 Wall Thickness.

30. Standard Late Model Suspensions Only. NO SPRING LOADED OR SHOCK TYPE 4 BAR RODS. ONLY STANDARD SOLID BAR 4 BAR RODS. NO TORSION BAR FRONT OR REAR SUSPENSION. Sway Bar Ok.

31. Standard one piece Bird Cages. NO SPLIT BIRD CAGES.

32. Standard late Model Suspensions equals (1) Shock per Wheel, except on Left Rear. Left Rear is Allowed (2) Shocks One in Front of Rear end and One behind. Shocks must be mounted Vertical to Axle Tube.

33. Chassis Brackets Must Be Fixed. No Movement.
34. Shocks, At Any Position on The Race Car, Including Lift Bar or Torque Arm Shocks Must Be Constructed of Magnetic Steel or Aluminum. No Thru Rod Style Shocks Allowed. No Remote Adjusting Type Shocks. No Inverter or J-Damper of any type Allowed.
35. Minimum Wheelbase 103 "
36. All cars must have a suitable steel roll cage protecting the driver's compartment, including headrest.
37. Any Transmission (must have one forward and one reverse gear in working order) NO STRAIGHT DRIVES OR IN AND OUT BOXES
38. Driveshafts must be painted white. Carbon Fiber are Allowed.
39. Steel Brake Rotors Only NO CARBON FIBER. NO TITANIUM OR OTHER EXOTIC MATERIAL BRAKE SYSTEMS.
40. Any brand or type of wheel allowed. Must be mounted with lug nuts. Maximum Wheel width 14". NO KNOCK OFF OR CENTER LOCK WHEELS.
41. TIRES

\*CRATE 21's & 55's Maybe Substituted for 1350's & 1600's\*

\*\*\*LF, RF, LR - Hoosier 1350/ 1600 or AR48/56

\*\*\*RR MANDATORY Hoosier 1600 or AR56 AT ALL TIMES\*\*\*

26) All tires are subject to be checked with a durometer.

Anyone in violation of tire rules will be Disqualified from the event and will have to pay a \$500 fine before being allowed to race at Boyd's again.

All classes will adhere to Tire Testing policy as stated in BOYD'S General Rules.

#### **ENGINE PROTEST:**

**1.THE PROTEST FEE FOR A COMPLETE TEAR DOWN OF AN ENGINE THATFINISHES THE A-MAIN IS \$1300. THE FEE MUST BE PAID TO THE RACEDIRECTOR OR TECHNICAL DIRECTOR, IN CASH, WITHIN 10 MINUTES AFTERTHE CHECKERED FLAG HAS FALLEN ON THE A-MAIN. MUST FINISH IN THE TOP5 TO BE ELIGIBLE TO PROTEST. \$1000 WILL GO TO WINNER OF PROTEST AND \$300 TO THE ENGINE**

**BUILDER THAT DISASSEMBLES THE ENGINE (ENGINETECH TO BE DONE BY EAGLE OR PERFORMANCE ENGINES).**

\*When an engine is being protested and being sent to Performance Engines or Eagle Race Engines, only a representative from Boyd's Speedway is to be present for the tear down procedures. The owner and protestor will both be notified with the outcome of the inspection when finished.

A.\$500 TOP END ENGINE TECH (VALVE SPRINGS, P&G, CAM TECH) \$250GOES TO TRACK TECH REMAINDER TO WINNER OF PROTEST

B.\$200 TO P&G ANY ENGINE

ALL PROTEST MONEY IS NON-REFUNDABLE

**TIRE PROTEST:**

TIRE PROTEST IS A \$200 NON-REFUNDABLE FEE. IF THE TIRE IS FOUND TO BE ILLEGAL THE DRIVER MUST PAY A \$500 FINE TO THE TRACK BEFORE BEING ALLOWED TO RACE AGAIN. (PRIZE MONEY WILL BE HELD DURING ALL PROTEST) ANYONE FOUND ILLEGAL WILL BE DISQUALIFIED FROM THE EVENT AND RECEIVE NO PRIZE MONEY OR POINTS

**FOR ANY PROTEST, THE CAR BEING PROTESTED AND DRIVER PROTESTING MUST FINISH IN THE TOP 5.**

**ALL PROTEST MONEY FOR TIRES OR ENGINES PROTEST IS NON REFUNDABLE.**

\*The protested driver has the right to counter protest the driver protesting them.