

2020+GT500 Shootout

- NHRA Safety Rules Apply
- 1/4 Mile Race
- Heads Up
- Big Dog Class – No Index
- Street Class- 10.0 Index
- .400 Pro Test (Big Dog Class),
- 500 Sportsman Tree (Street Class)
- Pro Ladder
- All-Run Field

The 2020+ GT500 Shootout is a racing class specifically for the new generation of GT500s equipped with the Tremec DCT Transmission, split into two classes. The two classes are called “Big Dog” and “Street Class”. Competitors must choose one or the other and cannot enter both classes. This must be identified at tech and if you happen to run quicker than 9.50 and you are in the street class, that run does not count towards qualifying.

CLASS DESIGNATION - GT500

CLASS RULES

ET Limit for STREET CLASS ONLY

In order to keep the Pro cars out of the “Street” class, we are making an ET Limit. The ET limit in street class is 9.50 breakout. You can run a 9.49 in qualifying but it won’t be counted. You must have one pass in qualifying 9.50 or slower to qualify. During eliminations, In the event both cars run quicker than 9.50, the slowest of the two ETs will win. For example, a 9.49 will beat a 9.42.

Class Designation:

Class will qualify and be laddered based on elapsed time closest to index recorded in the qualifying sessions. All qualifiers must have a valid elapsed time recorded to be placed into eliminator competition. You must have one pass in qualifying 9.50 or slower to qualify.

Minimum Weight

No Minimum Weight

Engine

Engine must be a Predator 5.2L found in the 2020-2022 GT500. Internal modifications are permitted

Transmission

TREMEC DCT 7-speed is the only permitted transmission; aftermarket transmission controller permitted

Cooling System

Any cooling system permitted. In cab intercooler tanks permitted along with under the hood and trunk.

Exhaust

Any header size/tubing permitted. Open headers, down pipe permitted. Bumper/Fender exit permitted.

Fuel Delivery System

Any fuel system permitted, and fuel location permitted.

Fuel

All fuels permitted.

Turbochargers

Permitted.

Superchargers

Permitted.

Nitrous

Permitted.

Oiling System

Wet and dry oiling systems permitted.

Intake Manifold

Air intake coolers and/or ice boxes allowed in passenger compartment. Trunk mounted ice tanks permitted.

Rear End

OEM or Bolt in 8.8 or 9 inch

K-Members

Aftermarket K-Members permitted, but must attach to the chassis using only the original factory OEM type mounting bolts in the factory mounting location. Motor plates ok. No part of the K-member may be permanently attached to the chassis. K-member may be modified in oil pan area to allow oil pan enlargement or removal.

Control Arms

OEM or tubular stock type control arms required which must be attached in stock location.

Shocks/Struts/Springs

OEM or aftermarket shocks/struts/springs permitted. May use coil overs.

Suspension

Stock type suspension may utilize aftermarket, direct replacement type suspension components including aftermarket replacement shocks, springs, coil overs and/or control arms. All stock type 3-link and 4-link suspensions must maintain stock lateral angles and attachment points, but may be

moved up or down on rear axle. Aftermarket torque arms permitted. Stock-type, ladder bar, and racing 4-link rear suspension systems are permitted (Pro Cars only).

Panhard Bars

Permitted.

Torque Arms

Permitted.

Wishbone

Permitted.

Minitubs

Permitted.

Wheelie Bars

Prohibited.

Chassis

All cars must retain complete stock chassis, floorboard, firewall, and frame rails. Frame rails may be modified in front of the strut tower. Notching of chassis for clearance is permitted. All cars can remove spare tire wheel well and cover with sheet metal.

Tires & Wheels

28/29" are permitted

Wheels

Spindle mount wheels permitted

Body

OEM steel (fiberglass/composite if OEM equipped) body shell required. Aftermarket body parts are permitted as long as factory appearing and are limited to hoods, front bumper covers, fenders, doors, and rear deck lids. Hood is required. Any rear wing permitted.

Firewall

Stock firewall required

Electronics

Trans brake, 2 step, and aftermarket ECU permitted

Lights

Headlights and brake lights are required (one headlight may be removed for induction)

Windows

Lexan/Optic Armor or OEM Permitted

Disclaimer: South Georgia Motorsports Park and its race director will reserve the right to adjust the rules for parity at any time. Race director's decision is final.