



TURKEY DERBY 50

SK/WALL MODIFIED DIVISION

R U L E B O O K

THE RULES BELOW ARE THE GENERAL GUIDELINES FOR ALL CARS
THAT COMPETE IN THIS DIVISION AT TURKEY DERBY 2023.

IF THESE RULES DO NOT CLEARLY SAY THAT SOMETHING IS LEGAL, ASSUME THAT IT IS NOT
PERMITTED.

WALL OFFICIALS RESERVE THE RIGHT TO ADJUST OR AMEND THE RULES IN THE BEST INTEREST OF
SAFETY AND/OR COMPETITION.

TECH QUESTIONS? Call Rob Hyer (732) 824-4507

REQUIRED SAFETY EQUIPMENT

- The use of a Fire Suppression system is recommended BUT NOT REQUIRED FOR THIS EVENT.
- Fire Extinguisher MANDATORY. Unused and fully charged at all times. Must be within driver's reach.
- The use of a HANS DEVICE or Hans-like device is MANDATORY. 5 year expiration.
- Window net MANDATORY.
- 5-point Harness MANDATORY. SFI 38.1 Belts good for 2 years.
- Full face Helmets are MANDATORY. Must have Snell SA 15 or newer sticker. NO motorcycle M Helmets.
- Driver must wear a one piece fire suit and flame retardant underwear. Both must be in good condition, no rips or holes! SFI 5. Driving gloves and driving shoes required.
- Full containment seat MANDATORY.
- Seat Belts expire 2 years from manufacture date. Make sure you are current!
- All other New Jersey State Safety Regulations MUST BE STRICTLY ADHERED TO.

RACECEIVER FREQUENCY 467.8125

ALL CARS MUST PASS A GENERAL SAFETY AND TECH INSPECTION BEFORE GOING OUT FOR PRACTICE.

NO TRACTION CONTROL OF ANY KIND! DETECTION OF TRACTION CONTROL WILL RESULT IN IMMEDIATE DISQUALIFICATION OF CAR & DRIVER.

POSSESSION OF SOAKED TIRES OR OTHERWISE TREATED TIRES WILL RESULT IN IMMEDIATE DISQUALIFICATION OF CAR & DRIVER. NO REFUNDS NO EXCEPTIONS.

SK Spec LEGAL ENGINE and SST CARS:

- Any 4150 series carburetor
- 56% left side weight
- Weight 2,575 lbs

Intake Manifold:

- "Unaltered" 2101, 7101,7501 Edelbrock Performer, RPM or OEM 2BBL cast iron
- SK Spec 7101 2" carb spacer weight 2,575 pounds
- Wall Modifieds to follow 2018 rules, mufflers not required

Carburetor:

- Holley 4412 - 500 CFM Carburetor
- Carburetor must pass track supplied gauges
- Changes allowed are as follows:
 - Choke plate, shaft & horn may be removed
 - Jets, power valve, accelerator pump cam and discharge nozzles may be changed
 - Idle holes may be drilled in the throttle plates
 - Throttle plate screws may be trimmed flush with the shaft
 - Air Bleeds may be changed

***No other changes allowed; NO RESHAPING, POLISHING, GRINDING, MACHINING, or DRILLING ALLOWED.**

- **Carburetor Spacers:**
 - 10.5 - 1 compression ratio or less use any solid 2" spacer**
 - 10.6 - 11.0 use any solid 1" spacer**
 - 12.0 Spec Motor use any solid 1" spacer**

Fuel:

- Must be purchased at the track, fuel will be checked
- No additives or oxygenates allowed
- Must pass a chemical test

Exhaust:

- No Tri-Y or 180 degree headers
- Stepped headers ok
- Mufflers not required

Shocks:

- One shock per wheel
- No external reservoir shocks
- No remote or electronically controlled shocks
- Published racer's net not to exceed \$300.00 per shock.

Clutch/ Fly Wheel & Starter:

- 7 1/4" Multi disc allowed with steel disc and plates
- Aluminum or steel cover

Transmission:

- Stock OEM 3 or 4 speed Richmond or Jerrico manual transmission
- T 101 transmissions allowed
- Must have 2 forward gears and reverse.
- No top loaders, special production, overdrives, 5 speeds or automatics allowed.
- High ratio must be 1:1.
- All gears must be in working order from inside the driver's compartment with mechanical linkage.

Rear Axle: Only quick change rears allowed. Rear must be locked.

Gear Rule: No gear rule.

Hubs:

- Ultra lightweight hubs are not allowed.
- Wheel bearings - grease only.

Tires and Wheels:

- All cars must run Hoosier M20 L and M30 R only.
- **Tires MUST be purchased at the track.**
- No tire softening/chemicals
- No sidewall dressing or lubricants
- Magnetic steel wheels only
- No bleed-off type valve stems

Tread Width: Maximum tread width is 84", measure from outside bead seat at hub height

Ride Height: 2" minimum body and chassis with driver

Car Weight: with driver before the race

MINIMUM WEIGHT WITH DRIVER BEFORE HEATS AND FEATURE IS 2,650 LBS.

- Wall Spec Motor minimum weight is 2650 lbs.
- 11 pounds per cubic inch over 358.
- Stock bore and stroke for engine being used must be maintained.
- Maximum left side percentage is 56.0%
- 11.0 – 1 CR, Iron 23 degree head, roller of Flat Tappet, wet sump, stock stroke 358 or less. Edelbrock7101 or 7501 intake 2650 lbs.
- 10.0 CR, same as above, 2600 lbs.
- 10.0 CR 7101 or 7501 Edelbrock intake Flat Tappet 2575 lbs.

NOTHING MAY BE ADDED OR TAKEN FROM THE CAR TO MAKE TOTAL OR LEFT SIDE WEIGHT AFTER THE TIME TRIALS, HEATS, OR BEFORE THE FEATURE!

Mirrors: Mounted upper center of the windshield & left spot mirrors allowed

Rear Spoiler: Maximum 50" wide by 10" high. No other body spoilers or wings allowed

Additional Information:

The only adjusting device in the driver's compartment will be for brake proportioning (front to rear.) NO OTHER DEVICES OF ANY KIND TO CONTROL OR ALTER HANDLING.

- Weight percentage, ride height and etc. of the car.
- No traction control or ABS allowed.
- No digital read out gauges or any type of recording devices allowed.
- No anti-freeze in cooling system, water only!
- Two-way radios allowed.
- All equipment, parts & cars are subject to track approval.
- Weight penalties may be assessed.
- RACECEIVERS REQUIRED.

QUESTIONS about the event?

Call Wall Stadium Speedway at 732-681-6400 or email wallstadiumspeedway@gmail.com