



Boothill Speedway

Sportster

Rules

NO PASSENGERS of any kind are permitted in race cars, at any time, while on track.

Age Minimum

1. Drivers must be a minimum age of 14 years old to compete or operate a race vehicle at any time while on the grounds or pit area of Boothill Speedway. A current year and legally notarized release from both parents and/or legal guardians must be on file with Boothill Speedway to compete in any division until competitors reach the age of 18 years old.

RaceCeiver

1. A working RaceCeiver must be always used when the driver is on the track. Drivers found with broken and/or nonfunctioning RaceCeivers are subject to an immediate disqualification.

Transponders

1. Westhold (yellow or orange only) must be used at all times.
2. Transponders must be located on the rear axle tube facing down toward the racing surface. The right rear axle tube is the preferred mounting location of officials, however transponders placed on the left rear axle tube are allowed.
3. Transponders placed behind this location (toward the rear of the car) will result in your car not being scored accurately. Be forewarned, transponders/timing results are final in all scoring decisions, not photography or videos, and transponder location will not be considered in a disputed finish. Have it in the correct place on the car.
4. Any car to be found with a transponder in a location farther forward in vehicle than as outlined above will be disqualified.
5. Any car found to have more than one operating transponder will be disqualified for the entire race evening.
6. Competitors without a working transponder will not be scored and asked to leave the speedway.

Dual Duty Entry\Car Swap

1. On race night, cars entered into one division are not allowed to be used and compete on the same race card in another division, even with a different driver. No "double-dipping" with the same car in other divisions.
2. Drivers can utilize another competitor's car in the same division should their entered car not be able to continue and compete. However, once a driver switches to another car, he may not "switch back" to his original entry and must complete the evening in the car the driver "switched to". A car that has been "switched to" cannot be returned to the original driver and be used again in the same event and a car can only be used once in the race program in this "switch scenario" once.
3. Drivers will only be allowed to "switch cars" one time in the evening. If a driver switches car, he must start at the rear of the next qualifying race and must move the transponder from the original vehicle to the switched vehicle.
4. Driver's will not be allowed to start the main event in a car other than the car they qualified into the main event with. This applies to heat race, last chance, time trials, or provisional transfers into the main event based upon performance in the original car. Once a driver switches car, he must qualify again with the new car in the current races format. If this occurs in the last chance race, the next car not transferred would be given the transfer spot. The only time this rule would be waived is if the starting main event does not have a full field entered into the event.



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Safety Equipment

1. Westhold Transponders and RaceCeiver one-way radios are required to be used in Hot Laps, Heat, Last Chance, and Main Events.
2. Recommended fire system or working fire extinguisher required within drivers reach in car.
3. Snell-rated SA2015 and SA2020 helmet required.
4. Roll bar padding required in driver compartment. Recommended: Fire retardant padding.
5. SFI-approved full fire suit required. Fire retardant gloves, shoes and neck brace (or head and neck restraint) required.
6. Recommended: Fire retardant head sock and underwear, collapsible steering shaft.
7. Minimum three inch (two inch with head restraint system) wide SFI-approved five-point safety belt assembly required, must be mounted securely to main roll cage. Recommended: Safety belts no more than two years old.
8. Kill switch required within easy reach of driver and must be clearly marked 'OFF' and 'ON'.
9. Safety items such as seat belts, helmets and fire suits will be checked.
- 10. THERE WILL BE NO MORE WARNINGS FOR HOW WEIGHT IS MOUNTED. IF WEIGHT IS FOUND MOUNTED INCORRECTLY, IT WILL BE AN IMMEDIATE DISQUALIFICATION FROM THE REMAINDER OF THE RACE EVENT. ONCE A CAR HAS LEFT ITS' OWN PIT AREA, IT IS SUBJECT TO BEING CHECKED AND DISQUALIFIED FOR IMPROPER WEIGHT MOUNTING.**

Appearance

1. All racecars must be numbered with large legible numbers on both sides, on top and on the nose and rear panels. Numbers on the sides of the racecar should be in contrasting color from the body and be at least four (4) inches thick and at least eighteen (18) inches high. Top numbers should be at least four (4) inches thick and twenty-four (24) inches high.

Sportster Purpose

1. The intent of this division is to provide a pure stock class of racing intended to be a fun racing experience for all who choose to get involved. This division is designed for the budget racer. Fun is the key word for this division.
2. The rules are simple and easy to follow and will be enforced. Remember if this rule book does not say you can do something to your car...DON'T do it...PERIOD... always we will be checking these cars on a regular basis for ANY rule violation. Any questions regarding rules contact Steve Bagues.
3. At no time will the winner of a normal feature event be paid more than \$200 or in a special event more than \$400. Any other additional monies or bonuses that equal more than those amounts will be spread throughout the field.

Eligibility

1. Any American made automobile with a wheelbase of 108" or more will be allowed to compete. We encourage 4 door models and station wagons in this division. These include all GM metric chassis cars with 108-inch wheelbase built from 1978 through 1987. (Cutlass, Regal, Grand Prix, Malibu, Monte Carlo, etc.), 1976 through 1980 2-door Dodge Aspen and Plymouth Volare, and 1980-1982 and 1989-1997 Ford Thunderbird are all legal.
2. Trucks with a wheelbase of 108" or more legal.
3. Unibody cars with 108" wheelbase are legal, but must have subframe tied together with a minimum 2" square tubing.



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4. No alterations to original wheelbase, frame design, or pickup points are allowed. No jig cars or aftermarket frames allowed.

Bodies

1. Bodies must be as they came from the factory
2. Severely rusted panels MUST be replaced.
3. Stock panels only, Panels may be replaced with homemade stock-appearing steel panels from body lines down.
4. No flat panels.
5. No Aluminum Body components.
6. All sharp edges must be rolled under.
7. No opening up wheel wells beyond stock appearing.
8. Hoods may be pinned in front and back. Stock hinges preferred. Hoods must open without tools of any kind.
9. All bumpers must be rounded on ends, NO STRAIGHT CUT OR SHARP EDGES. Stock-type bumpers only. Bumper covers and tail cover will not be allowed. No fabricated bumpers allowed.
10. Bumpers must be securely attached to frame and have a chain loop for wrecker to hook on, in center of each bumper.
11. All doors must be welded shut and gutted for roll bar clearance.
12. All glass must be removed completely, and 3 window bars must be in front of driver.
13. All trailer hitches must be removed.
14. Front fender inner liners must be removed.
15. All interiors must be removed, dash covers, seats, headliner, etc.
16. No removing of "ANY" sheet metal, frame or frame components (i.e. Floor pans, bumper ear horns).
17. MAX 6" spoiler allowed. No side boards on the spoiler allowed.
18. Front radiator support may be removed.
19. Floor pan must be full and complete. Trunk floor may be cut out for fuel cell clearance. Fuel cell must not be below frame rails.
20. No front, rear or side visors allowed.

Brakes

1. Four-wheel hydraulic brakes mandatory, in good working order. Brake components must be stock. Aftermarket brake pads and shoes may not be used. Disk brakes are allowed on the rear. No bias allowed.
2. Stock brake pedal for make and model required in stock location.
3. Master cylinder in stock location for make and model.

Engines

1. Stock stamped engine parts per vehicle manufacturer only
2. 1.94 intake valve and 1.5 exhaust valve. Stock rocker arms, no long slot rockers. No pinned or screw in studs or guide plates. No poly-locks allowed. 1.250 Valve Spring Diameter.
3. Stock height valve covers
4. Chevrolet can run 882 and 624 heads and Chevrolet Camshaft and Lifters: ProTek CK-E922-P ONLY
5. Ford can run Ford 351 Windsor Head #D80E and Elgin Cam Kit #CL-959PK ONLY.
6. Chrysler can run 360J Head and and Elgin Cam Kit #CL-936PK ONLY.



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7. Stock aluminum or steel intake manifolds.
8. Stock Holly 4412 allowed. Stock Rochester Quadra Jet carburetor can be used
9. Max 1" carb adapter. 1 gasket on the bottom and 1 gasket on the top of the adapter.
10. No porting, No gasket matching, No performance machine work period!!
11. Cylinder Heads must retain casting marks and sharp edges in bowl area.
12. Stroke must match block. 362 C.I.D. max Ford or GM. 366 C.I.D max Chrysler.
13. Stock OEM Steel connecting rods only
14. ARP bolts allowed
15. Cast flat top 4 equal valve relief pistons only, press pin. Piston may not exceed deck height without head gasket
16. 150psi cranking compression after the feature
17. Engines must remain in stock location. Racing motor mounts allowed; stock transmission crossmember must be used. No midplates or mid-mounts.
18. Circle track oil pan is allowed. No windage trays bolted to the block covering the view of the rotating assembly
19. 1"-inch inspection plug in oil pan mandatory on the side of pan between main caps # 3 and 4 above the oil level
20. Air cleaner may pass through the hood
21. Mini starter is allowed.
22. 8" harmonic balancer only
23. Aftermarket power steering pump allowed. Aftermarket pulleys allowed
24. Stock fuel pump only. No performance fuel pump allowed.

Radiators

1. Any (1) radiator that fits in original location without any body modifications is allowed.
2. Steel Water pump only
3. Water pump only mounted fans only, No electric fans.

Exhaust

1. Any OEM exhaust manifold or 1 5/8 header, 3" collector allowed. No step headers, no crossovers, no tri-y's or H Pipes.

Fuel and Fuel cell

1. **Pump gas only. No E85, No Racing Gas, or Methanal.**
2. Fuel cells are mandatory. No D-ring neck/cap fuel cells allowed.
3. Fuel cell must be secured in trunk any part of fuel cell cannot be forward of any part of rear end. Fuel cell must be in the trunk, secured by 2 straps side-to-side and at least 1 front to rear.
4. The fuel cell may be no lower than the rear frame rails and the area directly beneath the fuel cell should be open so fuel cannot collect within the car if spilled or the fuel cell is leaking.
5. Fuel cell vents, including cap vent, must have check valves.
6. Fuel cell must have aircraft style positive seal filler neck/cap system. A ball-type, flapper or spring or filler rollover valve is mandatory for fuel cells without a positive seal filler neck/cap system.
7. Fuel line(s) passing through the driver's compartment must be enclosed in a metal pipe or metal conduit. Fuel Filters are not allowed in the driver compartment.



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Rear End and Rear End Housing

1. Stock for make and model. No modifying of brackets or pick up points.
2. Must be locked by welding or a mini spool.
3. No traction control of any type.
4. Stock OEM rear end for make and model
5. Must have a drive shaft loop 1/3 of the way from the front of the drive shaft.
6. Drive shaft must be stock, no lightweight components.

Frame

1. No frame alterations of any kind except to strengthen the roll cage attachment points with plate or box tubing.

Ignition system

1. Must be stock per year make and model
2. No aftermarket ignition system
3. Must have OEM stamping
4. OEM HEI system is allowed to replace points system
5. STOCK MEANS STOCK
6. MSD Soft Touch Rev Limiter Part # MSD-8727CT mandatory on every car. Max RPM is 5800
7. One 12-volt battery only must be mounted securely in trunk area

Drivers Compartment

1. No in car adjustment allowed.
2. No digital gauges
3. No roller gas pedals. Must have mechanical linkage, no cable gas pedals.
4. Driver seat must be in the left quadrant of the ca and no further back than 25" from center line of the rear end.
5. Aluminum Racing Seats. No Fiberglass or stock seats allowed.
6. 5-point harness required.
7. Aftermarket steel steering rod allowed; quick release steering wheel recommended.

Roll Cage

1. Minimum four-point cage, minimum size 1 ½ "O. D. by .095" wall thickness.
2. Minimum three bars in driver's side door, and two bars on passenger side door (three bars recommended).
3. Must have at least three bars in front of driver in windshield area.

Suspension

1. No bump stops.
2. One shock in OEM location per wheel. Stock OEM replacement shocks only.
3. Shocks must be purchased from Auto Zone, ABC Auto Parts, O'Reilly's, ETC. The winner's shocks are subject to swap by the track at any time. Refusal to submit to swap will be immediate and indefinite suspension from the class.
4. Wheelbase left to right must be equal.



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5. No cutting or altering control arms - must be OEM
6. No altering of steering components. Quick steer allowed. No aftermarket sweet type boxes.
7. Transmission must remain in OEM placement.
8. Rear axle must remain in OEM placement.
9. No altering bushings. STOCK replacement only. No offset bushings.
10. No altering of rear trailing arms - must be OEM.
11. OEM replacement upper and lower ball joints only. No low friction or rebuildable ball joints.
12. Oversized wheel studs allowed front and rear.
13. Upper A Frames must be stock

Springs

1. Racing Springs ok. Maximum length of rear springs 14" tall free height and both sides must be equal and in stock location. Pigtail on both ends
2. No spring rubbers, no adjustable weight jacks of any kind, and must sit in unaltered top and bottom stock mounts.
3. Front Springs Minimum length (Free Height) of front springs 11" tall free height. Must be closed end. Cannot be cut or altered from original manufacturer shape.
4. Leaf springs are allowed lowering shackles on the rear mount only. Front eye must remain in stock location. Chevrolet must run Chevrolet springs and Chrysler must run Chrysler springs, etc...

Tires

1. Southwest Speed Part number #299-499 only. Any altering, grinding, siping, grooving, soaking, doping or anything other than washing with water will result in immediate and indefinite suspension from the class.

Transmission

1. Automatic transmission only. Must retain all working gears equipped from OEM.
2. Must match engine make for transmission make, no mixing (ex. Ford with Chevrolet)
3. Stock converter -12" diameter minimum. No direct drives or internal performance parts.
4. Aftermarket transmission cooler allowed, however, they must stay in the engine compartment

Weight

1. Weight may be securely added in trunk or under the hood, but not in plain view or within the driver's compartment must be painted white with car number.
2. Car must weigh minimum 3000 lbs. with driver after race.
3. No weight mounted to rear end housing.
4. All weight 25 pounds and less must have at least 1 half inch diameter bolt securing it to frame.
5. Weight over 25 pounds must have 2 half inch diameter bolts securing it to frame.
6. No stacking of weight.
7. 51% MAX rear weight at the end of each race
8. **Older cars that do not meet all body specs will be subject to weigh 3200 pounds and still maintain the 51% rear rule. By 2025 all cars must be 100% by the body rules.**



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Wheels

1. 8" maximum width steel wheels. 2" offset wheels ONLY. No spacers allowed. No beadlocks allowed.
2. 1" lug nuts required, for safety. At least 1 thread must extend beyond nut.
3. No Wheel spacers
4. No wheel covers

Body

1. Minimum 5.5" from the ground.
2. Max 7" visor, no side visor on body or cage.
3. B pillars must be stock oem. Side windows must be OEM or a min height of 16.5" +/- 1". Rear side window cannot be closed off. Roof must be stock steel OEM. No Wedge Roofs.
4. Rear of dash can be no more than 35" from the center of the distributor or 28" from the back of the stock hood.
5. Rear deck may only be 8" in front of the center of the rear end.
6. Must have a minimum of 3 windshield bars in front of the driver.
7. Trunk and rear quarters must have a min 2" rev rake.
8. Max 50" from center of axle to rear of car.
9. Max 73" width of body.
10. Hood opening has to be at least 42" min centered between frame rails

**ALL CARS ARE SUBJECT TO INSPECTION AT ANYTIME BY TRACK OFFICIALS.
OFFICIALS RESERVE THE RIGHT TO CHANGE, ALTER, OR REMOVE ANY RULE FROM
THIS BOOK TO LEVEL THE FIELD OF COMPETITION.**