



TEXAS SHORT TRACK AUTO RACING SERIES

ECO STOCK RULES V1.42

VEHICLES

Mechanical:

- Any front wheel drive vehicle (domestic or import, except Dodge Neon), meeting the guidelines described in this document
- 4 cylinder or V6 engines permitted
- Maximum 182 factory HP, unless car's factory curb weight is greater than 4,000 LBS. Horsepower must be factory rated.
- Engine and transmission must be factory (per VIN)
- Automatic transmission only in V6 vehicles
- Automatic or manual transmission permitted in 4 cylinder vehicles
- No VTEC allowed
- No turbos or superchargers allowed
- No cylinder head porting or modifications
- No intake porting or modifications
- No throttle body porting or modifications
- No removal of counter balance shafts in engines to reduce rotating mass

General:

- Car must be completely factory stock. No aftermarket parts of any kind allowed
- Vehicle's computer must have factory settings (no tuning). Measures will be implemented in pre-race tech to protect and mark OBD ports, and vehicles could be subject to OBD scanning in tech following the race
- No performance, high-flow racing air filters (such as K&N), only standard paper filters allowed
- No 2-seater vehicles allowed. Vehicle must come from factory with a back seat
- Battery can remain in factory location or moved to the trunk but must be securely mounted
- No racing wheels
- Original, unaltered VIN plate must be on vehicle
- Tires must be DOT approved. All four tires must be the same size. Series rating on tire must be 55 series or higher and must be legible on side of tire. Tires must be inflated to at least 30 psi
- May camber only right front wheel to help with tire wear. Camber is only alteration permitted. No cutting, lengthening or welding permitted. May slot bolt holes. No additional bracing to struts



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- Seats, carpet, door panels, glove box, airbag system, A/C parts, headliner, factory dash and catalytic converter may be removed. All lights, light lenses, and flammable interior materials must be removed
- Doors must be affixed shut (bolted, welded or with chain)
- Transponders are required and must be on and operational whenever the car is on the track. Transponder must be mounted no further forward than 24 inches behind the center of the right front lower ball joint, inside the frame rail, with no obstructions below it and the track surface
- All drivers must have a scanner or Receiver tuned to Race Director's frequency during all racing sessions. The only radio communication shall be from the Race Director. No spotting permitted

SAFETY

- Full-face racing type helmet with a minimum of SNELL 95 or SA 2000 rating. Helmet must be no more than 5 years old
- SFI fire retardant suit is required. Fire retardant driving suit of Nomex or equivalent material not required but recommended

For reference:

<u>SFI Rating</u>	<u>Time to 2nd Degree Burn</u>
3.2A/1	3 Seconds
3.2A/3	7 Seconds
3.2A/5	10 Seconds
3.2A/10	19 Seconds
3.2A/15	30 Seconds
3.2A/20	40 Seconds

- Racing gloves & racing shoes required
- Racing seat to be installed in place of factory driver's seat
- Must have 5 point SFI or FIA rated racing harness bolted to roll cage, not the vehicle. SFI harness must be no more than 3 years old; FIA harness must be no more than 5 years old (from date of manufacturer)
- Driver's side quick release or push button window net required
- Steering wheel may be equipped with a 'quick-release' hub (with factory steering column intact)
- Four (4) point cage with three (3) driver door bars mandatory. 1.5" .095 tubing minimum (no additional bracing to struts)
- Every race car must have a fire extinguisher that is fully charged with a functional gauge. Fire extinguisher must be mounted in vehicle within driver's immediate reach and have a quick-release style mounting system



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- All windows except front windshield must be removed. If front windshield is removed, in place of the windshield the vehicle must have additional driver protection from flying debris (metal bars) welded or bolted to the vehicle with a wire mesh cover
- Both factory side mirrors must be removed. One 3" spot mirror is permitted and must be located on driver's door with minimum protrusion outside of the vehicle's body line. A 'rear-view' mirror may be used as long as it is securely fastened in a manner that it is unlikely to become dislodged in the event of an impact

CLAIM RULE

Vehicles are subject to be claimed by anyone (including spectators) after the vehicle's third consecutive race for \$2,200. Claim does not include the driver's seat, safety harness, window net, transponder or fire extinguisher.

INFRACTIONS

Cheating will not be tolerated. Violators of mechanical rules (engine, tuning and transmission) are subject to the following: 1st infraction, loss of points for race, pay and trophy and a one race suspension. 2nd infraction, suspended for the remainder of the season, loss of points for race, pay and trophy.