



## 2023 Placerville Speedway Mini Truck Rules

RMI-MTRules-01102023.1

**THIS BOOK IS EFFECTIVE January 10, 2023**

**THIS BOOK IS EFFECTIVE JANUARY 10, 2023 SUPERSEDES ALL PREVIOUS RULES**

Interpretation of these rules or amendment to these rules may be made at any time. The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all registrants are deemed to have complied with these rules. No express or implied warranty of safety shall result from publications of, or compliance with these and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants.

### **RULE BOOK DISCLAIMER:**

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. **NO EXPRESS OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.** They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official. The race director shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. **NO EXPRESSED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final. Referee's decision is final.

### **THE MANAGEMENT OF PLACERVILLE SPEEDWAY**

PIT GATE OPENS AT 2:00 PM (unless otherwise announced).

DRIVERS MEETING WILL BE HELD AT **4:45 PM (A Team representative MUST be present)**

CARS ON TRACK AT **5:15 PM**

PILL DRAW CUT OFF IS **4:30 PM**

A driver may have a representative draw a pill for them with prior authorization.

Any driver not attending the drivers meeting will start at the rear of the heat races.

### **1. MINI TRUCKS**

- A. Mini Trucks are defined as a compact truck produced prior to 2003 with a 4 cylinder engine. Examples are; Datsun, Nissan, Toyota, Ford Ranger, Mazda B2000-2500.....
- B. Trucks are to be STOCK unless otherwise specified in other rules.

## 2. RACECEIVERS

1. **RACECEIVERS ARE MANDATORY**

## 3. TRANSPONDERS

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## 4. BODY

- A. Body and bed must be mounted securely to frame.
- B. You are limited to gutting the following: hood, roof, dash, inner front fenders and doors.
- C. Floor pan shall be OEM and fully intact. Truck bed floors shall be fully intact. Any patching of holes or previous cut outs shall be done with a OEM gage or thicker sheet metal and shall be welded into place.
- D. No outside iron rails (nerf bars).
- E. Fenders may be cut to give 3" of clearance above the tire. Protruding sharp edges will not be allowed.
- F. Hood must be secured on all four comers.
- G. Trucks will NOT be allowed to run without hood in place. **NO HOOD, NO RACE.**
- H. Plexiglass and plastic trim is not allowed on the car.
- I. All mini trucks MUST have a minimum of half the windshield area in front of the driver to be covered with wire mesh of 1/4" to 1/2" square and must have 3 posts or straps located in front of the driver. Post will be built and attached securely. They must be built with 1/2" tubing or 1/8" x 1" straps.
- J. Must have at least one number on both doors and on the roof. Minimum size of number 18" tall 2" wide and contrasting color of mini truck. Also see number specifications in general rules.
- K. No mirrors or two way electronic communication devices allowed of any kind. No sign boards or flashing lights to communicate with drivers.
- L. A kill switch is to be mounted in the center of the mini truck, clearly labeled "On" - "Off", and to the right side of the driver. This switch needs to be easily accessible to the Safety Crew.
- M. All added weight must be in block form, PAINTED WHITE, with the car number on it. Weight must be securely fastened, with minimum 1/2 inch bolts, inside the body panels and not on rear or front bumper. 25 lbs per bolt mount. One bolt 25 pounds, two bolts 50 pounds. No one piece over 50lbs.

## 5. ROLL CAGE

- A. Roll bars shall be of the full cage type, mild seamed steel 1 1/2" or 1 3/4" X .095 wall minimum, 4130 Chromoly 1 1/2" or 1 3/4" X .095 wall minimum, with full loop from frame over the driver these bars are to be connected on the top of both sides with another bar. Cage shall be within 3" to the top of the car and 6" to the sides of the top. In the back loop, running from the right top to the bottom bar at about 45 degrees, there shall be a bar. These bars must be properly welded together and attached to the frame. Roll bars to be welded or bolted to the frame with NO less than 7/16" bolts or both, where possible. Must be welded and attached securely to the frame. Bar may not be secured by welding to the floor pan.
- B. All "T" intersections must be gusseted and welded on both sides.
- C. Cage to be above driver's helmet by 2".
- D. Must have one bar front to rear approximately center of the cage.
- E. Roll cage must include three door bars on the driver's side within 3" of the door. Welded to both the front and back uprights and evenly spaced to protect the driver's hips and legs. Minimum of one brace running vertically.
- F. Front loops are allowed inside the body in front or behind the radiator.
- G. There will be two bars angled from top of cage towards rear end, this can extend past rear axle to frame rail.
- H. You may be asked to drill 1/4" hole in a roll cage for inspection purposes.

- I. All mini trucks must be equipped with a tow hook or similar device both front and rear.
- J. Radiators may be mounted to a front bar with stock mounts removed. Bar may extend to fenders but must remain behind the bumper. Bar must be independent of the cage and NO larger than roll bar material.
- K. The technical official or race committee must approve all roll cages.

## 6. SUSPENSION AND STEERING COMPONENTS

- A. Steering system must be stock OEM. Steering quickeners are permitted.
- B. Springs must be STOCK springs and in stock location. Springs may be cut, heated or leaves may be removed to adjust ride height.
- C. No other modifications.

## 7. Weight

- A. Minimum weights include driver.
- B. Any mini truck weighing light after the heat race or feature event will be scored and paid for last place. This includes not stopping at the scales after an event when required.
- C. 2.4L or greater with 12 valves or more minimum weight of 3000 pounds.
- D. 2.2L-2.3l with 12 valves or more minimum weight of 2800 pounds.
- E. 2.1L-2.5L with 8 valves minimum weight of 2400 pounds
- F. 1.8L-2.0L 8 valves minimum weight of 2200 pounds

## 8. ENGINE-IGNITIONS

- A. Stock unaltered with OEM replacement parts unless specified below.
- B. Headers are allowed.
- C. Cold air intakes and open air filter elements are allowed. No modifications are allowed to or past throttle body opening or carburetor.
- D. **No other modifications are allowed.**
- E. See rule #4

## 9. FUEL PUMP

- A. Stock and aftermarket electric fuel pumps are allowed. Electric fuel pumps need to be mounted and secured to the mini truck or in the fuel cell.
- B. GLASS FUEL FILTERS ARE NOT ALLOWED

## 10. FUEL

- A. Pump or race gas ONLY. NO ADDITIVES OF ANY KIND! SUBJECT TO INSPECTION AT ANY TIME.
- B. E85 fuel is allowed.

## 11. FUEL SHUTOFF

- A. All mini trucks will have a 1/4 turn off/on valve in the fuel line in the driver's compartment, to be accessible to the driver and safety crew. It must be 1/4 turn off type, must be clearly marked ON - OFF in RED.

## 12. GAS TANK / FUEL CELL

- A. Gas tanks shall be removed from their original position and replaced with required approved FUEL CELL in a fuel cell can, with maximum capacity of **10 gallons** in the bed area. Cell to be mounted to and within the frame rail within the bed area with a minimum of two mounts and shall not extend more than 2" below the bottom of the frame rails. Tank must be mounted with a minimum tie down of 1/8" x 1" strap iron. (NO PLUMBERS TAPE). Cell must have a vent and a securely fastened cap.

No part of filler pipe may be made of rubber type connection. Cells to be vented to the underside of the car.

- B. A fire shield of no less than 18-gauge metal to be placed between tank and driver. Must have an L shaped shield in front and bottom of the fuel cell.
- C. Fuel cell is to have a full sealing cap and a roll over vent.
- D. Cells must be protected with one tubular bar in front of the tank and behind the tank not to exceed 2" in outside diameter.
- E. A minimum 2" x 2" x 1/8" square "pull through" plate is recommended for each strap.
- F. All fuel cell mounts subject to safety inspector's or race committee approval.
- G. Any truck leaking or spilling fuel will be BLACK-flagged.

### **13. RADIATOR**

- A. Must be in front of the engine, in stock location.
- B. ANTI-FREEZE IS NOT ALLOWED.
- C. WATER WETTER & WATER SUGGESTED.

### **14. TRANSMISSION**

- A. Stock manual or stock automatic.
- B. All mini trucks must be able to move smoothly and slowly through pits.

### **15. DRIVE-LINE**

- A. Stock material or steel replacement only, must be painted white.
- B. Drive shaft loop (360 degrees) are mandatory. Must be placed 6" minimum to 16" maximum from the transmission tail shaft.

### **16. REAR-END**

- A. Only stock OEM open differential or OEM with a differential locking system installed is allowed. (Lincoln locker)

### **17. REAR SPRINGS. REAR SUSPENSION**

- A. All mounting points must remain stock. ALSO SEE RULE 4
- B. No Adjustable Components in rear suspension.

### **18. BATTERY**

- A. All batteries must be mounted in an approved manner within the bed area.
- B. 'Maintenance Free', no vent caps and sealed battery is suggested.
- C. Batteries that are not sealed must be sealed in a marine type box.
- D. Batteries are not allowed in the driver's compartment.

### **19. BUMPERS**

- A. Fabricated bumpers are allowed, must meet safety tech. Stock is preferred. CANNOT BE OVER BUILT i.e. Battering ram.
- B. No part of the bumper may extend beyond the center of the tire.
- C. Bumpers to remain in approximate stock location.
- D. No added bracing of any kind, i.e. Battering ram. No sharp edges.
- E. Bumpers must have a chain loop or hook attached that is adequate in size for towing the mini truck off of track.
- F. Bumper straps are allowed and highly suggested. (Bumper to body).

### **20. TIRES**

- A. Hoosier DOT dirt P245-60D-15, P255-60D-15, P265-60D-15, G60, M30S

- B. Tire siping is allowed. Tire grooving is allowed but limited to the maximum width and depth of a stock groove and must match the direction of the factory groove.
- C. No doping or softening of tires is allowed.

## **21. WHEELS**

- A. Wheels to be minimum 3/16" center.
- B. Wheel width 8 1/2" maximum.
- C. **Bead locks are allowed.**
- D. Mud plugs are allowed.
- E. Steel wheels recommended.

## **22. BRAKES**

- A. Must have brakes at all wheels. Brakes shall be stock. ABS may be disabled.
- B. No copper or plastic brake lines.
- C. No other modifications to the brake system.

## **23. EXHAUST / MUFFLERS**

- A. Stock exhausts manifold or header.
- B. Mufflers are mandatory. Type optional
- C. Mufflers and headers must remain attached. All muffler and header components must remain intact and operating.
- D. Header and exhaust pipe must remain inside of the frame rails and exit beyond the driver's compartment.
- E. Track DBA requirements must be met 95 dba @ 100'. ABSOLUTELY NO EXCEPTIONS AS THIS NOISE REQUIREMENT WILL BE STRICTLY ENFORCED.

## **24. BINDING COMPONENTS**

- A. No leather straps, ropes, chains or wire may be used to hold or bind components together.

## **25. SEATS**

- A. Mini trucks must have approved racing type bucket seats.
- B. Seat must be mounted securely to ROLL CAGE.
- C. Headrest is mandatory or a high back seat is required.
- D. Upholstered and padded is highly suggested.
- E. Positively No Homemade Aluminum, Plastic or Fiberglass seats allowed.

## **26. SAFETY BELT REQUIREMENTS**

- A. General - Each Competitor is solely responsible for the effectiveness of personal safety equipment used during an event. Each competitor is expected to investigate and educate themselves with the effectiveness and availability of personal safety equipment.
- B. Seat Belts - Each mini truck should be equipped with an SFI 16.5 or SFI 16.1 approved seat belt restraint system until the date of the belt expiration (usually two years). Seat belts restraint systems shall be installed in accordance with the directions and application of the system supplier or manufacturer. (A quick release seat belt and shoulder harness no less than 3" wide and submarine belt (crouch) are mandatory. 2" wide shoulder harness for Hans device ok).
- C. Seat belt webbing that comes into contact with any sharp or un-radius metal edge should be protected from that edge by means of push-on grip vinyl trim. Seat manufacturer's supply the seat with trim protecting the webbing from abrasion or cutting under impact conditions and should be used to their specifications.

- D. It is the responsibility of the driver, not the Track, Officials or the Promoter to ensure that his/her seat belt restraint system and all components are SFI approved, correctly installed, maintained and properly used.
- E. All belts must be mounted to the roll cage separately from the seat with 7/16" grade five bolts minimum.
- F. A steel plate may be welded to the roll cage at the driver's right side for belt attachment to prevent drivers from sliding side to side under the belt.
- G. Belts must come from behind the driver. The mounting position is important! Shoulder belt should be mounted approximately 4" below the shoulders. The lap belts mounting should be the same width of the driver.
- H. Harness/belts must be worn at all times when the mini truck is on the track.
- I. Maximum of two years old on belts. The date stamp must be readable and belts must not be worn (frayed) or they will have to be replaced for your safety.

## 27. SAFETY

- A. Drivers should wear a full face helmet, with at least a valid **SA 2010** or better Standard Snell label at all times on the track or when the car is fired.
- B. The driver should wear the helmet in accordance with the directions provided by the helmet manufacturer and/or supplier.
- C. **Head and Neck restraints are STRONGLY suggested.** If a head and neck restraint system is connected it should conform to the manufacturer's mounting instructions.
- D. Helmet and face shield must be worn at all times while operating a mini truck on the race track. No goggles permitted.
- E. Each driver should wear a fire resistant uniform meeting the SFI 3.2A/5 specification and display a valid SFI 3.2A/5 label.
- F. Each driver should also wear fire resistant accessories that effectively cover the remaining parts of the body. Shoes and gloves should meet the SFI 3.3 specification and display a valid SFI.3 label. Nomex-type or equivalent fire resistant uniforms (suit), gloves, neck brace, are mandatory.
- G. Nomex-type or equivalent hood, socks, underwear and shoes are highly suggested.
- H. **Drivers Side Window Net Required.** Window nets must be equipped with quick release mechanisms. All steel release systems are highly suggested. Arm restraints are suggested.
- I. Other Safety Items
  - I. No sharp or protruding edges in or around the cockpit, which would impede the driver's rapid exit from the mini truck.
  - II. A marked electrical kill switch in reach of the driver.
  - III. A marked fuel shut off valve in reach of the driver.
  - IV. Flame retardant seat, roll bar, knee and steering pads or padding are suggested.
  - V. Driveline u-joint scatter shields are suggested.

## 28. FIRE CONTROL

- A. A fully charged fire extinguisher meeting SFI 167.1 with activation push or pull knob within the reach of the driver to protect the driver by flooding the driver's compartment is suggested.
- B. Valve plunger (actuator) must be mounted at the right of the driver and in plain view.
- C. On-board system will be inspected and must be passed by the tech inspector or race committee.
- D. It is recommended that teams have in the rear of their transporter an easily accessible fire extinguisher of at least 2.5 gal FFF or equivalent. in addition to the car system.
- A. All lap counts and time limits will be posted on the pit board prior to each event and will be adjusted accordingly to the total number of cars in division.
- B. We will run at least two heats if the total car count is 10 or more. We will run three heats when we exceed 18 mini trucks and will run four heat races when mini truck count reaches 25 or higher. When four heat races are run; we will have a 20 mini truck feature event.

- C. The inversion will be a 1, 2, 3 or 4; first, second, third and fourth place finishers. The inversion will be drawn by the winner of the first heat.

## **29. LAP COUNTS**

Lap counts below are general info and are due to change by mini truck counts and time limits.

“A” MAINS: 15 laps

## **30. PROTEST ENGINE/TRANSMISSIONS/CHASSIS:**

- A. Participating mini truck owners and drivers **ONLY** may protest another mini truck's compliance with the engine rules. Mini trucks must still be running competitively at the end of the feature. The protest must be filed with the track referee or the Technical Inspector with a \$1000 deposit (parts and labor) for a top end inspection which includes all top end items plus the piston rod assembly, timing chain, camshaft, or converter/clutch. Deposit must be within 10 minutes after the main event and protested MINI TRUCK OWNER may counter protest within 10 minutes after being notified. Once the Technical Inspector receives protest money, protest has begun. Money will not be dispersed until protest inspection of the engine rules and the office notified of results. If anything else regarding the engine is being questioned it must be written down on the original protest, it must state what is to be inspected. **MUST BE REGISTERED PARTICIPANT OF TRACK.**
- B. Tear down location shall be agreed upon before leaving Placerville Speedway. Both parties must agree and sign a protest agreement. Driver/Owner being protested may have first choice of where tear down will take place, must be in Local area and shop properly equipped. Officials will make the final decision. The protest mini truck must leave for tear down area within 30 minutes or be declared illegal.
- C. Tear downs will be made by the driver, one pitman or mechanic, the Technical Inspector or person chosen by him to be an observer and two alternates. The committee will also safely check mini trucks and assist in rules interpretations.
- D. If declared legal the deposit goes to the protest owner. If declared illegal the deposit is returned to the protester, the mini truck and owner/drivers will be penalized a two weeks suspension, mini truck and drivers money and points for the night and lose all accumulated points in this division, additional fines may be imposed!
- E. No alcohol before or during the protest inspection!
- F. Do not abuse this rule!

**Decisions of Placerville Speedway Official(s) are final and binding without exception.  
PROMOTER RESERVES THE RIGHT TO ADD OR DELETE EVENTS AS DEEMED  
NECESSARY. ALL DECISIONS WILL BE FINAL AT THE PROMOTER'S DISCRETION.**

**STATE RULES ALLOWS NO LIQUID DUMPING  
FACILITIES AT THE FAIRGROUNDS.**

Each race car that enters the fairgrounds pit area MUST have an empty container(s) approved by the management of PLACERVILLE SPEEDWAY that will hold at least 2 gallons of used oil (fluids) for collecting anything that may be drained out of the race car or tow vehicle at each event. These containers must be removed with the race car after every race and disposed of at an approved facility at the owner's expense. NO TIRES ARE TO BE LEFT AT PLACERVILLE SPEEDWAY.



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