

2025 Owosso Speedway All-American Truck Rules

NOTE: OWOSSO SPEEDWAY DOES NOT EXPRESS OR IMPLY ANY WARRANTY OF SAFETY RESULTING FROM THE PUBLICATION OF, OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. THESE RULES ARE INTENDED AS A GUIDE TO CONDUCT OF THIS SPORT AND ARE NOT IN ANY WAY A GUARANTEE AGAINST INJURY OR DEATH TO ANY PARTICIPANT, SPECTATOR, OR OFFICIAL. THE ABSENCE OF A PARTICULAR RULE DOES NOT NECESSARILY MEAN ITS APPROVAL. ANY INFRACTIONS OF THE RULES MAY RESULT IN A WEIGHT PENALTY (FOR THAT EVENT) OR NOT BEING ABLE TO COMPETE ENTIRELY. ALL IDENTIFIED RULE INFRACTIONS MUST BE RESOLVED PRIOR TO FOLLOWING EVENT (NO ON-GOING WEIGHT PENALTY SUBSTITUTE)

Please Note: It is the driver's responsibility to look over and/or upgrade all personal safety equipment. It is highly recommended that all safety equipment meets the SNELL 2015 rating and be SFI/1 approved. It is the driver's responsibility to read through these rules thoroughly and understand them. You will see that these rules from Owosso Speedway are used at Birch Run Speedway also. Questions for Owosso Speedway please email neil.may@owosso Speedway.com or tech@owosso Speedway.com. Questions for Birch Run Speedway please contact Birch Run Speedway.

A type of neck collar is mandatory. Seat belt minimum is 3" if a conventional type neck collar is being used. if a HANS device or similar head and neck restraint is being used where the seat belt shoulder straps go over the platform of the head and neck restraint you will be allowed the use of a 3/2/3/ seat belt system which consist of 2" shoulder straps that pass over the head & neck restraint platform all other belts are 3" seat belts can be used up to maximum age of 5 years. Seat belts must be in good condition and free of cuts or tears, grinder marks, weld splatter, melted areas, extremely sun faded or areas that are rough and extremely weathered. If any of the poor conditions are visible with your seat belts they will not be allowed for use.

1. Trucks Allowed/Not Allowed

- a. The primary truck used is Chevrolet. The rules are structured around the most commonly used truck, if you have questions on other makes and models of trucks being allowed please email or call to discuss options.
- b. Any ½ ton or less, American brand name pickup truck with Electronic Fuel Injection (EFI) 4/6- and 8-cylinder allowed. Engine cannot be larger in liters or cubic inch than listed in engine rules.
- c. S10's and Blazers NOT allowed.
- d. Pick-up trucks originally built for racing as in ARCA Trucks, Thunder Trucks or any other template trucks not allowed.
- e. Strictly EOD Truck not allowed.
- f. All wheel drive or 4-wheel drive not allowed.
- g. Full size truck ¾ ton or heavier GVW not allowed.

- h. Turbo charged engines, super charged engines, rotary engines, mid-engine, Cosworth engines, 6.0 liter LS engine parts or larger in liters or cubic inch, not allowed.
- i. Torsion bar suspension not allowed.

2. Engine

- a. Most commonly used engine is the Chevy LS 4.8 or 5.3 allowance are listed below.
- b. 2025 will be the last season the GM factory L33 aluminum block will be allowed.
- c. Cubic inch maximum allowed 346.66
- d. Compression maximum allowed is 9.9:1
- e. Cam lift maximum allowed checked at lifter and factoring in a 1.7 ratio rocker arm 0.595
- f. 6.0 LS engine or larger in liters or cubic inch, not allowed.

3. Antifreeze

- a. Antifreeze is not allowed.

4. Battery

- a. 1 battery only. May be relocated. Must be securely and safely fastened. Cannot be in cab/driver compartment. A 2nd battery wired or not wired will not be allowed as weight ballast.

5. Body

- a. Stock originated body panel's front to rear. Patches are allowed, fabricated full body side panels for the entire side of your truck will not be allowed. Stock front and rear firewalls, patches for holes are allowed.
- b. Stock frame, other than modifications allowed within these rules.
- c. Stock suspension other than modifications within these rules.
- d. All hoods will have working stock hinges.
- e. Hoods must be secured with a quick release style hood pin or straps.
- f. Factory hood latches must be removed.
- g. Bumpers must be fastened neatly and safely in a manner where it isn't dangerous to you, your competitors or spectators.
- h. A muffler is mandatory.
- i. All holes in firewalls or floor must be covered with metal. No expandable foam allowed anywhere.
- j. You can run up to a 1 3/4" diameter support bar between the two front strut towers.

- k. You can have one 1 ¾” x 0.90 piece of tubing run between the two front frame horns of your truck.
- l. A fabricated replacement bumper of 8” x 1/8 thick C-channel is allowed with no reinforcing, stacking, or additional pieces. Outside corners must be angle cut, capped, and will not be allowed to stick out past body side panels.
- m. Enclosed beds or covers on beds must have a section that’s easily accessible for inspection, not by drilling out rivets for access, must stay fastened while racing.
- n. No mirrors of any kind. See 2025 Owosso Speedway general rules.
- o. All insulation and upholstery under the hood, on the floor, and in the interior of the truck must be removed.
- p. All headlights, taillights, loose chrome, etc. must be removed from the body.
- q. Trucks can start with a key or a push button/toggle switch connected to wiring harness.
- r. The vinyl cover on the dash may be removed.
- s. Rub rails allowed (1x2 rectangle or 1.75” tube) No sharp edges. Must be flush to body and ends capped, attaching fasteners must be smooth, cannot be solid or filled with weight ballast.
- t. Lower step bar driver side only, must not stick out past tires, must have 45* ends bent in toward frame and capped that cannot catch a part of another truck while racing. Cannot be solid or filled with weight ballast.
- u. No rear spoilers
- v. No added rocker panels.

6. Chassis

- a. Chassis must remain “as delivered” from the factory. All suspension must be unaltered (unless mentioned in another section of the rules as allowed)
- b. Frame must remain unaltered (unless mentioned in another section of the rules as allowed.)
- c. Rebuilding of the frame horns, bumper mounts, etc. can be repaired with the use of steel or a factory frame piece to retain safety, thickness of steel should be close to the same thickness as frame. Repairs must be done in a safe manner, frame repairs considered unsafe will not be allowed to race.

7. Exhaust

- a. Stock exhaust manifolds only, no headers, no grinding or porting to exhaust manifold.
- b. Similar to stock exhaust system with a muffler.
- c. Max exhaust size will be 2.75” OD
- d. No exhaust tips of any kind for exhaust pipe exit/tailpipe

8. Fuel Cell

- a. Fuel cell was highly recommended in 2024 and noted that fuel cell is mandatory for 2025.
- b. Fuel cell must be in an approved metal container or canister and fastened in a safe manner with tubing, brackets, or fasteners. Items like ratchet straps, roll steel strapping, or any other unsafe mounting for your fuel cell will not be allowed.
- c. Fuel cell placement will be in the center of the pickup box, side to side, to incorporate safe mounting options for the fuel cell the truck bed floor can be cut out to a close proximity of the fuel cell canister size eliminating rusty or weak truck bed flooring allowing access to the truck frame to build safe mounting brackets, front to rear placement of fuel cell a part of the fuel cell must be over the rear end.

9. Glass

- a. All glass except for the windshield must be removed. Lexan 1/8" minimum windshield is okay. Recommended to have protective bars for driver.
- b. All loose glass must be vacuumed out of the truck.

10. Steering and Suspension

- a. Must be stock – no modifications (Unless mentioned in another section of the rules as allowed).
- b. Lower control arm brackets will continue to be allowed 1 extra hole on each side of the lower control arm brackets with a 1 inch maximum from stock hole to new hole, measured center to center.
- c. Drivers may lower the rear of the truck to make it level with the front by either heating the rear springs OR using drop shackles. Lowering the front is not allowed. The rear of the truck cannot be lower than the front. No torsion bar front suspension.
- d. You will be allowed 1 spring rubber per side for front coil springs only.
- e. Trucks need to have travel up and down at ride height and in race trim.
- f. The wheelbase minimum 117.5 with 1/2" tolerance left side of the truck to the right side. No redrilling center pin hole in rear leaf springs. Chrysler type rear leaf springs with offset center pins will not be allowed in a make other than Chrysler.
- g. Must have the same amount leafs each side, with nothing added or removed between leafs to soften or increase spring rate.

11. Transmission

- a. Stock unaltered 4 Speed automatic 4L60-E or 5 Speed manual transmission (options Getrag HM290, NV3500, NV4500) must have all gears, manual

transmission must have a stock diameter clutch, automatic must have a stock diameter converter. 6 Speed transmission from other applications or cars not allowed.

- b. An external cooler is allowed.

12. Tires and Wheels

- a. Wheels 8" width with a 4" maximum back space. OEM steel wheels or aftermarket steel wheels that fits the 8" width and 4" backspace allowed +/- ¼". Example: aftermarket wheels include but not limited to JEGS, Rough Country, Pro Comp, Vision etc.
- b. You are not allowed to increase your track width by using non-OEM offset wheels.
- c. You will be allowed one ¼" spacer per corner/wheel position, no multiple wheel spacer on one wheel position.
- d. Oversized 1" lug nuts are highly recommended and you must have threads visible outside of the lug nut.
- e. All wheel weights must be removed from both the inside and outside of all wheels.
- f. You may run a 14", 15", 16" or 17" wheel with a tire maximum tread width of 9" +/- of ¼" only if it meets the tire requirements of 12G.
- g. Radial tires only. 50 series tires minimum allowed. Example: No 45 or 40 series tires allowed etc. 200aa tread wear or above allowed, other tires not allowed include but not limited to Drag radials, bias ply, and re-cap tires, etc.
- h. No shaving or altering of tread allowed.
- i. The track has the final call on all tires. If you think you have found a way around the above tire rules, call us first, before showing up with them on your race vehicle.

13. Weight

- a. Minimum weight 4000lbs.
- b. Weight ballast: No concrete, no steel pieces, no tractor weights, no heavy steel tractor wheel weight, no batteries, no bar bell or weightlifting weights, a maximum of 100lbs. of lead only will be allowed as weight ballast. Lead ballast will be bolted directly to frame (cannot be bolted to sheet metal) must be bolted with a minimum of (2) ½" bolts for each piece of lead ballast with large diameter heavy gauge thick washers, must be painted white or covered with white duct tape with your race vehicle number on it.

14. Additional Rules

- a. Electronics: No cell phones, radios, smart phones, smart watches, laptop computers or tablets allowed in vehicle or with driver and will be an

automatic disqualification. Receivers only allowed in race vehicle and MUST be operational.

15. Safety Equipment

- a. It is the driver's responsibility to look over and/or upgrade all personal safety equipment. It is highly recommended that all safety equipment meets the SNELL 2015 or better rating and be SFI/1 approved.
- b. A drivers side window net will be required and must be able to unlatch for easy driver exit.
- c. A type of neck collar is mandatory.
- d. Seat belt minimum is 3" if a conventional type neck collar is being used. if a HANS device or similar head and neck restraint is being used where the seat belt shoulder straps go over the platform of the head and neck restraint you will be allowed the use of a 3/2/3/ seat belt system which consist of 2" shoulder straps that pass over the head & neck restraint platform all other belts are 3" seat belts can be used up to maximum age of 5 years. Seat belts must be in good condition and free of cuts or tears, grinder marks, weld splatter, melted areas, extremely sun faded or areas that are rough and extremely weathered. If any of the poor conditions are visible with your seat belts they will not be allowed for use.
- e. Racing helmet is required. SNELL 2015 or better rating.
- f. An approved firesuit, both tops and bottoms in good condition, racing gloves, and shoes are mandatory. A racing neck brace will be required.
- g. A 2.5lb. fire extinguisher in working order must be securely mounted and within driver reach-mandatory. B or C classifications Okay. Halon systems are highly recommended.
- h. A full 4 post cage with a full set of driver's door bars and steel door plate. Was highly recommended in 2024 and is mandatory in 2025. The minimum tubing size is 1 1/2" x .095 thickness and must be securely welded to the truck frame. A racing seat mounted to the roll cage was noted in 2024 as highly recommended and that it will be mandatory for 2025.
- i. An emergency shut off switch (battery disconnect switch) is mandatory. Must be located near the driver's side front A-pillar within easy reach of safety crew.
- j. Driveshaft must be painted white and have 2 chains of straps as a drive shaft hoop to retain driveshaft in the event something breaks.

16. Race Procedure Participation

- a. All trucks competing on a race night will compete in qualifying through practice or a single truck qualifying. All trucks will also compete in all

scheduled races for your truck. If you scratch from a heat race tower needs sufficient time to remove you from the lineup for that heat race and possibly the remainder of the racers for that specific night.

- b. If you have a breakage of parts, being the reason for scratching from your preliminary race you must be in touch with race control to decide if you can continue to your next scheduled race.

17. OWOSSO SPEEDWAY RACE TIRE POLICY & INSPECTION PROCEDURE

- a. Tire tampering to soften or enhance tire performance, will carry strict penalties.
- b. All tires in competition at Owosso Speedway will be significantly internally powdered, no powder is a disqualification for the night. (ZERO TOLERANCE)
- c. Tire tampering rules apply to ALL tires in the pits, on the car, in the trailer, in the hauler, ETC.
- d. All Tires may be checked at any time.
- e. Punishment for tire tampering will be at the discretion of Speedway officials.
- f. Any team that uses a tire other than the listed & approved tire for their class from their rules will automatically receive a 2nd offence for tire tampering.
- g. No softening, soaking, conditioning, siping, grooving, to enhance performance of race tires.

18. Testing procedure for race tires is as follows:

- a. Tire(s) will be collected after the feature event.
- b. Tire(s) will be cleaned in the area officials choose; cleaning will be done by the team with the teams own cleaning tool's.
- c. Cleaned tire inspection area will be heated with heat gun, to the temp of approx. 200* Fahrenheit & then checked with a durometer.
- d. If a tire durometers reading is at a range out of the spectrum from the other competitor's durometer readings, tire or tires will be taken and sample sent to Blue Ridge laboratory for testing.
- e. When tire samples are sent to the lab, all winnings and points will be frozen until results are received
- f. If final lab results produce a failed sample inspection, no winnings or points will be awarded & the team will receive their discipline for tire tampering.
- g. If final lab results produce a clean un-failed tire sample inspection, upon receiving cleared inspection results from laboratory, all winnings held will be awarded.

- h. Tire Samples will be put in an evidence vial per Blue Ridge Laboratories Inc. & then sealed in an evidence bag and sent to: Blue Ridge Laboratories Inc., 2766 Blue Creek Road, Lenoir, NC 28645, (828) 729-2179
 - i. Owoosso Speedway will not be liable for or replace any tires that test samples are taken from regardless of the test results.
19. Conduct or Behavior Zero Tolerance
- a. Owoosso Speedway officials have a zero-tolerance policy for unnecessary events that take place anywhere on Owoosso Speedway property, on track or in the pits, such as but not limited to:
 - b. Arguments.
 - c. Unnecessary behavior of any kind.
 - d. Intentional / Aggressive contact between cars on track, during a caution will not be tolerated, the driver or driver's intentionally making contact with another race car under caution will receive the black flag, you will not be scored & sent to their pits.
 - e. Vulgar language.
 - f. Threatening other racers, teams, help or family.
 - g. Going to another race teams pit to argue.
 - h. Unnecessary speed in pits with your race car.
 - i. Bumping others race cars with your race car in pits expressing your anger.
 - j. Unnecessary actions toward Owoosso Speedway officials, about tech decisions or on track decisions.
 - k. DRINKING OF ALCOHOL IN PITS BEFORE RACE NIGHT IS FINISHED, AUTOMATIC DQ
 - l. If security is called, fines, penalties or discipline is to the discretion of Owoosso speedway officials.
 - m. If argument or unnecessary actions continue, fines, penalties or discipline is once again, to the discretion of Owoosso speedway officials.

Questions on rules; call or text Neil May (989) 295-0315 or
neil.may@owossospeedway.com, tech@owossospeedway.com,
info@owossospeedway.com

THE ABSENCE OF A PARTICULAR RULE DOES NOT SUBSTANTIATE ITS APPROVED FOR COMPETITION

OWOSSO SPPEEDWAY OFFICIALS, DECISION IS FINAL ON ALL RULES & DECISIONS

* RULE INFRACTIONS PER CLASS OR GENERAL RULES.

* OCCURANCES ON TRACK OR IN PITS.

* NOT OBEYING THE DIRECTION OF RACE CONTRIOL.

NO DECISION WILL BE APPEALED OR REVERSED - ARGUMENTS WILL NOT BE TOLERATED!!

