

# WOODBOOGER DEMOLITION DERBY

## **RULES 2026**

### **Safety Rules**

1. You must have a helmet, DOT approved.
2. You must have a working seat belt.
3. You must wear long pants, no shorts.
4. Driver door must be painted FLORESCENT GREEN.
5. Each vehicle should have a fire extinguisher located in the padding of the front passenger seat.

### **Driving Rules**

1. You must make contact every 60 seconds. You must give not receive.
2. Do not hit the drivers' door. If you see green do not hit it.
3. Excessive smoking will be disqualified.
4. Sandbaggers will be disqualified.
5. Red Flag means stop, there may be a fire, someone may be injured. Pay attention.
6. The last car to make a hit will be deemed the winner. Officials' decision is final.

### **Car Preparation**

1. Any passenger car, No Imperials, pre-1970 Lincolns, Hearse or Limousines. All Wheel Drive vehicles must have either front or rear wheels disabled. Pre-ran cars are acceptable if they are not reinforced or welded.

2. Absolutely no welding is allowed anywhere on your car, unless otherwise noted below, no matter how small. You will be sent home.
  
3. You must have a roof sign with your number painted on it. Any number or word (nothing offensive) is allowed.
  
4. Remove all glass including the windshield. Doors must be clean and free of glass. All air bags must be removed. If an air bag goes off, you will be disqualified immediately.
  
5. Remove all bumper covers, lights and molding or anything that can be knocked loose onto the track.
  
6. Engines, transmissions and rear ends must be the same make as the car, unless otherwise noted.
  
7. Fuel tank may be moved inside of the car, forward of the rear wheels and behind the front seat in the center of the car. Fuel tank must be marine type plastic, metal or after market, six (6) gallon maximum. No gas tank protectors. Fuel tank must be deemed safe by the inspectors.
  
8. Fuel tank must be secured with 1 bolt on each of the four corners, no larger than 3/8 inch bolts to sheet metal only OR a maximum of 2 ratchet straps around and through

sheet metal of floors. Fuel tank mounting cannot add strength to the car. You must cover the fuel tank. If tank is left in original position it should have no more than six (6) gallons of gas. It is not recommended to use the original tank inside the car.

EXCEPTION \*\*CROWN VICS, GRAND MARQUIS AND LINCOLNS MUST HAVE TANK MOVED INSIDE THE VEHICLE\*\*

9. One battery only. Battery may be moved to passenger side front floor or seat and must be covered with a rubber mat. It must be secured with bolts or ratchet strap around the floor sheet metal and battery, not the frame, no sheet metal screws or self-taping screws for the attachments. For your safety, the battery must be secure, it cannot move when inspectors check it for tightness. If the battery is placed in the seat it is recommended that it be spray foamed in place. If battery is left in place, spray foam cannot exceed 6 inches from the battery.

10. All anti-freeze must be removed, water only in the radiator.

11. The rear differential may be locked or welded for posi-traction. Rear end may be from a different manufacturer if it bolts directly in, has not been modified in any way and trailing arms must remain original to the vehicle. (EX. GM rear end bolts in directly to Ford)

12. Drivers' door (only) may be welded with a maximum 12 inches on each seam (fender, backside and bottom). You may install 2 pipes in an "X" or one pipe straight

across, maximum 3-inch pipe or tube behind the driver seat from door to for safety reasons only. Maximum 6-inch square plates at each end, this may be welded in. If you do not have a passenger seat a bar is mandatory.

Remaining doors must be open for inspection and may be chained or wired shut after inspection. Remaining doors may be held shut with 9 gauge wire or chains. Maximum 5 places, below window openings and not around the frame and 2 places above window openings, 2 strands maximum.

13. Hood and trunk may be chained or wired shut in four places only after inspection. Wire must be 9 gauge maximum, two (2) strands per hole. Hood and trunk may be wired or chained around through bumpers in two (2) of these holes.

14. Motor mounts and transmission mounts may be wired, chained or welded. Motor mounts may have a maximum of two 4 inch x 4inch flat stock pieces on each side or two 4 inch pieces of 1 ½ inch square tubing. To make motor mounts anything more will be considered an engine cradle.

15. Any air-filled tires, ¼ inch thick weld in universal wheel centers are permitted. This is for lug pattern purposes only. No larger diameter center will be allowed. No studded tires.

16. Any bumper from a car only may be used. If you change the bumper you may only use original shocks from the car, and they may only be in their original location with

stock bolts. Front bumper may be replaced with a maximum 3 inch x 3 inch square tube, no thicker than ¼ inch.

17. If your bumper has been cut in any way it must be no more than 3 inches from the outside of the mounting location.

18. You may weld bumper solid on each side at mounting points only. No added steel. If you can't change the bumper without adding steel leave it original. No Welding of rear bumpers. No aftermarket mounting brackets. You may weld front bumpers solid with one pass. Don't over do it (you will ruin it for everyone).

19. Fender wells may be cut for clearance; however, they may not be welded, rolled, or re-attached for strength.

20. Shifters may be changed to aftermarket or homemade shifter if bolted to sheet metal they may have only two bolts no larger than 3/8 inch, this does not mean only 2 bolts if it is mounted to the engine or transmission. Shifting linkages may be hooked up directly to the transmission. Shifter handle must be deemed safe by inspectors.

21. All transmission lines must be disconnected from the radiator to prevent oil spills. A transmission cooler may be installed under the hood or the lines must be looped.

22. Electrical system hot wires may be installed.

23. There must be (2) 6 inch X 6 inch openings in the hood. One on either side for fire departments access. Hood holes may be cut out, no folding, rolling or reinforcing around hood openings.

24. Exhaust may be exited through the hood.

25. All body mounts must be original and cannot be repaired or altered in any way. If it looks like it has been tampered with, the body bolt will be removed and replaced with two strands of #9 wire. Officials' discretion. NO HOCKEY PUCKS.

26. The rear of the car may be bent up a maximum of two inches. There is no hammering, kinking, or folding any part of the car such as quarter panels or roof posts. It will be the official's decision if you have overdone it, and you will be made to bend it back to original.

27. If your car has anything on it that did not come from the factory (distributor protectors, engine cradles, pulley protectors, rear end braces, etc.) it must be removed unless noted otherwise specifically in the rules.

28. Suspension must be stock, no added leaf springs or heavier than stock to that vehicle coil springs. You may use one piece of chain no larger than 5/16 inch diameter

at each wheel area to set desired height. Chain for suspension set may ne welded with one ½ inch weld at each end, no welding links together.

29. All cars must have good working brakes. Homemade or aftermarket brake pedal setups must be separate from the gas pedal and attached on two places only on flat floor sheet metal.

30. Frame repairs cannot exceed more than 1 inch past the affected area. Metal may be no thicker than 1/8 inch and be welded 1 inch on 1 inch off with 1 pass, no wider than ½ inch. All repairs must be painted fluorescent orange. You may patch the frame 1 time only.

31. Spray foam must be orange fire retardant.

### **Truck Preparation**

1. Truck preparation is the same as the prep for cars.

2. Gas tanks must be deemed safe by the officials, if your tank is behind the rear tires, it is recommended that you move it. Any fuel spills will lead to disqualification.

3. Trucks may be 4X4.

4. The bed can be attached to the cab by either welding or chain. Maximum of two 6 inch welds per side.

5. Rear frame rails must be deemed safe.

**Age Requirement**

You must be at least 16 years old to participate in the demolition derby. You must have proof of age or a legal guardian present to sign in the driver.