

2020 WOODBOOGER DEMOLITION DERBY RULES

Please call Jim at (508)577-6850 for clarifications

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-derbied cars are acceptable if they are not re-enforced or welded.
EXCEPTION **BROCKTON FAIR MUST BE 1980'S OR NEWER VEHICLE**
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.
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. Approved securing methods:**
8. **Fuel tank must be secured with 1 bolt on each of the four corners, no larger than 3/8" 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 battery.
10. All anti-freeze must be removed, water only in the radiator.
11. 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 wire or chain. 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"x 4" flat stock pieces on each side or two 4" pieces of 1 1/2" square tubing. To make motor mounts anything more will be considered an engine cradle.**
15. Any air-filled tires, 1/4" 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, not the bumper and they may only be in their original location with stock bolts. If your bumper has been cut in any way it must be no more than 3 inches from the outside of the mounting location. You may have four 1" welds per side including shocks or mounting brackets. 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 in 4 places with no larger than 1" long separate welds. Welds cannot be wider than ½" and 2 passes only.
 17. Fender wells may be cut for clearance; however, they may not be welded, rolled or re-attached for strength.
 18. **Shifters may be changed to aftermarket or homemade shifter if bolted to sheet metal they may have only 2 bolts no larger than 3/8", this does not mean only 2 bolts if it is mounted to the engine or transmission.** Shifting linkage may be hooked up direct to the transmission. Shifter handle must be safe.
 19. 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.
 20. Electrical system hot wires may be installed.
 21. There must be (2) 6" X 6" 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.
 22. Exhaust may be exited through the hood.
 23. 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.**
 24. The rear of the car may be bent up a maximum of 2 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.
 25. 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 in the rules.
 26. 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" diameter at each wheel area to set desired height. Chain for suspension set may be welded with one ½" weld at each end, no welding links together.
 27. All cars must have good working brakes. Homemade or aftermarket brake pedal setups must be separate from the gas pedal and attached on 2 places only on flat floor sheet metal.
 28. Frame repairs cannot exceed more than 1" past the affected area. Metal may be no thicker than 1/8" and be welded 1" on 1" off with 1 pass, no wider than ½". **All repairs must be painted fluorescent orange. You may patch frame 1 time only.**
 29. **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. Bed can be attached to the cab by either welding or chain. Maximum of 2 6" welds per side.
5. Rear frame rails must be deemed safe.