

# STODDARD COUNTY FAIR

## DEMOLITION DERBY RULES

Kevin Holman

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### RULES:

1. Cars must be late model, GM 78 and newer, FORD and DODGE 80 and up. No front wheel drive, no taxi cabs, no hearse, no ambulance, no four wheel drive or awd. Must be an American made passenger car. No 03 up fords.
2. Engine and transmission: Any engine and trans accepted, aftermarket bellhousings allowed. You can run Either All protectors or no protectors and Kickers.
3. Rearend: Rearend may be welded and rearend housing brace is allowed. Rearend brace is for rear end only not to mounted to reinforce car. Gears may be changed. 8 lug 3/4 rear ends are allowed.
4. Suspension: No air shocks, No solid shocks. NO reinforcing A arms. A arm can be bolted down with 5/8 bolt Max!
5. Upper trailing arms: Trailing arms may boxed in. Can also be extended. No square tubing.
6. Watts link conversions: Watts link conversions are allowed. Bolt on style kit only. Kit not mounted to reinforce frame. (this kit comes with square tubing and can be used on watts link conversion)
7. Tie rods: Can be after market. Heim ends ok
8. Ball joints: Moog style ball joint replacements.
9. No aftermarket spindles.
10. Conventional transmission coolers with or without fans, or ice type coolers.
11. Battery must be relocated inside of the car and cannot be mounted to reinforce car. 1 or 2 batteries. 12 volt . Batteries must be covered and secure. Battery box and pedals cannot act as a kicker. Ski Inc. style pedals are ok. They can't bolt through fire wall. Have to be mounted through floor board sheet metal only or free floating off the cage not used to reinforce in any way.
12. Gas Tank: Factory fuel tanks must be removed. Metal racing tanks and metal boat tanks only. Has to be mounted securely inside the car. Do not mount tank to reinforce car in any way.
13. Gas Tank Protector: 2x2 square tubing. Cannot be attached to anything but cage. Must be centered on seat bar between humps. Protector cannot be any wider than 24 inches. It can have angle bars from where roll over bar attaches to seat bar to back of protector. There can be 2 bars on the back of protector (with bar attaching them at the top) that go up towards roof, 3 inches away from roof sheet metal. (This needs to be welded to the top of protector to keep your 3 inches from package tray) This part of the protector can have a 2x2 bar on each side of tank going from the back 2 bars back to the back of seat bar. Protector has to be 3 inches from package tray sheet metal. Protector has to be mounted 4 inches off the highest sheet metal under the protector.
14. Core support: 2- 3/4 all thread with no bigger than 1 in washers to mount all thread. Spacer 2x2 max. 1" minimum 3 1/2 inches tall max no washers on top, bottom, or inside. No piping spacer. Spacer only free floating between core support and body mount tab.
15. Hood mounts: 6 spots to bolt hood down using 3/4 max all thread. 2 being the front 2 all thread. The middle 2 can be mounter on a 2 in x 2in flat plate with all thread welded or

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bolted to plate or 2 in x 2in angle with all thread welded or bolted to plate. Angle or plate cannot tie fender and core support together. (Angle or plate can be welded to fender only) Back 2 mounts can be welded to back pockets at top of fire wall by cowl. Cannot tie to pocket and fender. 5 in x 5in max plate.

16. Hood top plates: 6inch x 6 inch max.

17. Hood hole: Hood needs a 10" hole or oversized header holes for fire extinguisher.

18. Weld all outside door frames 5" on 5" off 2" Strap Max or bolt or chain doors every 10 inches. Door skin and inner door cannot be folded over and welded, bolted or bonded in anyway. Driver's door can be welded solid and plated door only for driver's safety.

19. Cage and Roll bar MANDITORY: 4 point cage- Cowl and seat bar no larger than a 6" x 6" 1/4" thick tubing max. 2"x2" 1/4 minimum. Door bar 6"x6" max tubing or 8" max C channel. Cannot go more than 8" past door. Plates for seat bar has to be centered on seat bar. Plate should not extend 8in past door. No larger than 12" x 12" 1/4" thick. No kickers off cage. Must also be a minimum of 4" off the highest point of sheet metal of floor. Do not measure from floor pans where your feet ride. No cage material may be within 6" of the firewall and be a minimum of 4" off the transmission tunnel. No kickers, bolts, all thread etc. to fire wall. (Kickers allowed on cars with NO protectors)Kickers can be attached to dash bar and welded directly to the frame behind the a-arm with no plates on frame using 2x2 square tubing MAX. One Kicker per side.

20. Windshield bar MANDITORY: 2 " wide 1/4" thick. Has to be 3" away from each side of the Distributor protector on both sides. Can only have a 2" contact weld at the roof and cowl on each end. They can weld it down or use only 1 bolt 1 nut and 2 washers no larger than 5/8 to attach it at each end. No oversize washers. Windshield bars may not be bridged or stood up and down. They have to lay flat. Bar from rollover bar to cowl must follow same rule as dash bar. It has to be 6 inches from cowl and cannot be attached to sheet metal.

21. Center of cowl has to have a 3/4" inspection hole.

22. TRUNK LIDS:

- You may fasten your trunk lid in one of the following ways:

1. Relocation of the speaker deck is not allowed. Your trunk lid and speaker deck may be V'ed in the center.

- Tucking trunk lid: The only place sheet metal can be welded is at drip rail only. Sheet metal at drip rail can be welded 5 on 5 off with 2" x 1/8" strap max . ( you can bolt a 3/8 bolt with 3/8 washer every 8 " in drip rail if not welding ) 2- 3/4 all thread behind humps going towards back of car. 6" plate may be used for the top of deck lid. All thread has to be in factory body bolt hole. The 1" washer has to go up in frame. Up to driver which body bolt holes to use. ( from back of humps to back of car ). Even if tucked there has to be a 8 in inspection hole in sheet metal of deck lid.. Deck lid can be tucked in factory location or relocated but only place that can be welded or bolted is at drip rail only.

2. Relocation of the speaker deck is not allowed. Your trunk lid and speaker deck may be V'ed in the center

- Deck lid can be welded 5 on 5 off with 2" x 1/8" strap max stock location. (you can bolt a 3/8 bolt with 3/8 washer every 10 " in drip rail if not welding ) 2- 3/4 all thread behind humps going towards back of car. 6" plate may be used for the top of deck lid. All thread has to be in factory body bolt hole. The 1" washer has to go up in frame. Up to driver which body bolt holes to use. (from back of humps to back of car ) Trunk lid must have a 8"

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inspection hole in sheet metal of deck lid.. If deck lid is moved forward under package tray only place that can be welded 5" on 5" off or bolted every 10" is at drip rail only.

23. Bumpers: Any year factory OEM bumper. Bumper seams and skin can be welded. Bumpers can be loaded but on INSIDE ONLY! NO HOMEMADE SKINS! Bumpers can be hardnosed. When hardnosing bumpers frame may be shortened to factory core support mounts. Core support mounts have to be in factory location. If using bumper shocks the shocks have to be factory for the car and mounted in the stock location. Rear bumper can have a 2" wide strap 6" long per side. Strap has to go from bumper to body sheet metal. Must not be attached to the frame.

24. Bumper height- front 21" rear 16" Both will be measured at the lowest point of the bumper.

25. Tires no bigger than 16 inch, No split rims, No studded tires. Foam filled or doubled tires are ok – we don't want any flats!!! Valve stem protectors are ok. No beadlocks or rim guards. No full wheel centers.

26. NO TILTING. NO COLD BENDING.

27. 2 extra body bolts per side 3/4" bolt maximum.

- Washers must be free floating .

- Do NOT weld the body washers to the floor. Maximum washer size is 4" on the top side. The washers have to go through the frame on the bottom side with 3" max washer not welded. This is not for replacing factory body bolts this is for down the frame rail. Not in crush box. Anywhere down frame rail behind crush box to before factory body bolt hole before humps. The extra body bolt holes should be just big enough for a 3/4 all thread or 3/4 bolt. The 3 in washers can be on the outside of frame free floating.

28. All factory body bolts and factory body bushings must be in car except 2- 3/4 all thread on core support at stock location. 2 3/4 all thread in trunk area in factory body bolt hole locations. Washers have to be inside the frame free floating.

29. Pre-bending any sheet metal is allowed. Notching rear or dimpling rear frame IS ALLOWED. NO squaring or shaping the frame. Squared or shaped frames will not run If you have a bulge in the frame you can beat it in. Hump plates allowed. Only 8" long both directions from center of hump , Same width as the frame and MUST follow contour of the frame. Outside of frame only!

30. You have two minutes to make a hit. If car stalls, an aggressive hit must be made every minute.

31. No spray foam around radiator.

32. No number 9 wire period.

33. Distributor protectors allowed, must be attached to engine or transmission only, backside of DP must be no wider than 12 inches, must not contact cage before, during or after the event or you will be disqualified. If you run a DP. Do not mount your dash bar closer than 6 inches from middle of firewall. It may not be welded, bolted or connected to body, hood or frame.

34. Engine Cradle: Cradles are allowed. Only place for the cradle to be attached to car is at motor mount.

35. Pulley Protector: Bolt on or weld on are allowed. Attached to cradle only. Cannot be attached to sway bar or used to reinforce car in any way.

36. No undercoating, mudding, greasing, dusting, or painting the frame.

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37. No hitting in driver's door, this rule will be strictly enforced. Accidents do happen but there must be evidence of trying to avoid the collision. The driver's door cannot be used as a shield.
38. Repair rule - PRERUNS ONLY: 2 - 4inch x 4inch 1/4 " patches ONLY PER FRAME RAIL
39. ALL FEATURE Winning cars will be inspected by the track officials. HOODS will be popped. If you are found illegal. Then you will be disqualified and all winners move up.
40. Inspection area will be roped of only driver is allowed in area.
41. NO ALCOHOL ALLOWED!!! If found you will be escorted off the property
42. Rule gray areas are at the discretion of the inspector.
43. (NO ONE UNDER THE AGE OF 16 IN THE PITS)
44. Drivers Must wear Seatbelts, Helmet, and eye protection when operating the vehicle. This will be checked in inspection and at the gate. You will not run if you do not comply.
45. Drivers must remain in cars until race is over or directed to leave by track officials.
46. All drivers must attend the drivers meetings.
47. Any cars that catches on fire 2 times in the race will be disqualified. If you are asked to shut your car off and do not comply you will be disqualified and lose any money earned.
48. No hot rodding in the pits.
49. Inspection: If something is found on your car illegal you will have 2 times through tech line total. If you do not have your problem fixed completely on second pass through tech line you will lose you entry fee and will not run. Rules will not be tested.
50. If something is noticed at the track gate, on the track or when pulling off the track that is illegal on your car your stick will be broke and car will be loaded on trailer. You will lose your chance to run and your entry fee. If in feature and you are a money car found illegal. You will be disqualified and lower winning car will move up to money.
51. THERE WILL NOT BE ANY VOTE INS!!!! If your car is not right it will not run !!!! INSPECTORS HAVE FINAL SAY !!!! If you have a question or are unsure about something call.

Entry Fee \$50.00 per car. Entry fee admits car, driver, and one crew member.  
Questions about rules call Kevin (573) 321-0613