



2019 Tech Rules

THE HARDIN COUNTY FAIR OFFICIALS
1973 and Newer cars only
Rules on building your demolition derby cars.

Rule Book Disclaimer

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of demolition derby 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 EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS 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 reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. **NO SUCH EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OR SPECIFICATIONS.** Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

The Hardin County Fair Officials

1: HEARSEs, LIMOS, CHRYSLER IMPERIALS, IMPERIAL SUB FRAMES, SUICIDE DOOR LINCOLNS , SUVs, WEDGES AND SEDAGONS ARE NOT ALLOWED.

2: ALL CARS MUST BE STRIPPED OF ALL GLASS, BODY MOLDING, DOOR HANDLES, AND ALL EXTERIOR LIGHTING. THE INTERIOR AND TRUNK AREA MUST BE CLEANED OF ANYTHING THAT COULD INJURE DRIVER DURING DERBY. 1 / 6

3: THE FUEL TANK MUST BE REMOVED FROM CAR. A 5 GALLON BOAT FUEL TANK OR ANOTHER SAFE TYPE OF TANK CAN BE USED AND MUST BE RELOCATED TO THE INSIDE OF A CAR, COVERED AND MUST BE SECURED TO PREVENT IT FROM COMING LOOSE DURING THE DERBY.

4: THE BATTERY MUST BE REMOVED AND RELOCATED TO THE INSIDE OF THE CAR COVERED AND SECURED TO PREVENT IT FROM COMING LOOSE DURING THE DERBY .

5: THE RADIATOR MUST REMAIN IN THE STOCK LOCATION PER VEHICLE MANUFACTURER OR CAN BE REMOVED COMPLETELY. ELECTRIC FANS ARE ALLOWED.

6: ALL DOORS MUST BE CHAINED, WELDED, OR WIRED CLOSED TO PREVENT FROM OPENING DURING THE DERBY. METAL STRAPS CAN BE WELDED TO THE DOOR SEAMS WITH A 3 IN WIDE X 1/8 THICK MAX. ROUND METAL RODS MAY BE USED IN THE DOOR SEAMS WITH A 5/16 MAX. SIZE OF WIRE IS #9 WITH 4 WRAPS MAX. THE TOP OF THE DOOR IN THE RAIN CHANNEL AREA MUST REMAIN UNWELDED. THE DOOR SEAMS FROM TOP TO BOTTOM CAN BE WELDED SOLID. THE BOTTOM OF THE DOOR SEAMS CAN BE SPOT WELDED BUT NOT MORE THAN 1/2 TOTAL WELDED. NO WIRING ROOF TO FLOOR, WINDOWS TO FLOOR, OR ANYWHERE INSIDE CAR. IF YOU HAVE A LIGHT COLOR CAR DRIVER DOOR MUST BE RED IF CAR IS DARK COLOR IT MUST BE WHITE. INSIDE CAR DOOR SEAMS CAN BE WELDED, BUT NOT MORE THAN HALF TOTAL WELDED WITH NO WELDING AT TOP OR BOTTOM.

7: HOODS MUST HAVE HOLE CUT ABOVE CARB. ELECT FUEL PUMPS ARE ALLOWED IF THE SWITCH CONTROLLING THE SHUT OFF IS MOUNTED ON THE DASHBAR TO THE LEFT OF STEERING WHEEL. A MASTER SHUT-OFF SWITCH SHUTTING OFF THE ELECTRICAL SYSTEM TO THE WHOLE CAR IS RECOMMENDED. HOODS CAN BE BOLTED IN 4 PLACES MAX WITH 1 IN MAX DIA BOLTS OR ALLTHREAD. METAL PLATES BETWEEN NUT AND HOOD HAVE A 6 X 6 BY 1/4 MAX.

8: WIRE CAN BE USED WITH 4 WRAPS PER HOLE. CHAINS CAN BE USED WITH 2 WRAPS PER HOLE BUT LINKS MUST REMAIN UNWELDED.

9: TRUNKS CAN BE WELDED SHUT. METAL STRAPS CAN BE USED 3 IN WIDE X 1/8 MAX. ROUND METAL RODS CAN BE USED IN SEAMS WITH A 5/16 MAX DIA. #9 WIRE CAN BE USED WITH 4 WRAPS PER HOLE. METAL

PLATES BETWEEN NUT AND TRUNK HAVE 6 X 6 1/8 MAX. TRUNK CAN BE BOLTED IN 4 PLACES MAX. IF OFFICIAL NEEDS TO LOOK IN TRUNK A HOLE MUST BE CUT IN TRUNK. TUCKED TRUNKS ARE SUBJECT TO HAVING TO BE APPROVED BY TECH OFFICIAL. TRUNK CANNOT BE WELDED TO THE BUMPER. No wedges, but can tuck trunk. The package deck has to stay in factory location.

10: BOLTS AND OR ALLTHREAD USED TO **HOLD BODY** OR SHEET METAL HAS A 1 IN MAX DIA. METAL PLATES THAT HOLD HOOD, TRUNK, OR BODY HAVE A 6 X 6 1/4 IN MAX. BODY BOLTS MUST REMAIN IN STOCK LOCATIONS AND ARE NOT REQUIRED TO HAVE BUSHINGS. ON THE DECK LID, YOU MAY PUT TWO 1 INCH MAX DIA. PIECES OF ALL THREAD THROUGH THE FRAME AT THE BACK ONLY.

11: BUMPERS CAN BE WELDED OR CHAINED TO PREVENT FROM COMING OFF DURING DERBY, HOWEVER METAL STRAPS MAY NOT BE USED TO WELD BUMPER TO TRUNK OR FENDER, ALSO BUMPER CANNOT BE DIRECTLY WELDED TO FENDER OR TRUNK OR ANY CAR BODY PANEL. IF BUMPER IS WELDED NO METAL CAN BE ADDED. IF CHAINED, CHAIN LINKS MUST REMAIN UNWELDED. BUMPER BRACKETS CAN BE REMOVED AND BUMPER WELDED TO FRAME BUT NO EXTRA METAL CAN BE ADDED. HOMEMADE BUMPER BRACKETS ARE SUBJECT TO BE APPROVED BY TECH OFFICIALS. OEM BUMPERS ARE RECOMMENDED (FACTORY REPLACEMENT OR AFTERMARKET REPRODUCTION BUMPERS ARE ALLOWED)

12: BUMPERS MUST REMAIN IN STOCK LOCATION ON FRAME (UP AND DOWN) AND CAN BE NO MORE THAN 30 IN FROM GROUND (CENTER OF BUMPER TO GROUND.)

13: THE FRAMES SEAMS CAN BE WELDED BUT ONLY ON TOP AND FROM FIREWALL FORWARD ONLY. FRAME SEAM WELDING WITH ONE PASS ONLY NO BUILDING UP OF WELD. HOLES IN THE FRAME MUST REMAIN UNWELDED. NO ADDING OF METAL ANYWHERE ON FRAME ALLOWED, HOWEVER, FRAME PATCHING IS STILL ALLOWED FOR A BROKE FRAME. YOU CAN PATCH A BROKEN FRAME WITH METAL BUT THE PATCH METAL CANNOT BE THICKER THAN THE FRAME, ONLY ON SIDE OF FRAME AND SIX INCHES WIDE, MUST LEAVE SOME OF THE BROKE FRAME UNPATCHED SO A TECH OFFICIAL CAN SEE WHAT YOU ARE PATCHING, YOU CANNOT PATCH A BENT FRAME. LIMITED TO TWO PATCHES ON REAR OF CAR AND TWO PATCHES ON FRONT OF CAR AFTER THAT IT IS JUNK. THE BODY CANNOT BE WELDED TO THE FRAME. (IF YOUR BODY IS WELDED TO YOUR FRAME, YOU WILL NOT BE ALLOWED TO DERBY AND WILL BE LOADED ON THE TRAILER AND WILL NOT BE ALLOWED TO CUT WELD LOOSE.)

14: FRONT AND REAR SUSPENSION MUST HAVE AMPLE MOVEMENT OR 1 INCH TRAVEL MIN. (TIRE BOUNCE IS NOT AMPLE MOVEMENT) SPRINGS AND SHOCKS MUST MOVE FREELY. THE REAR CONTROL ARMS CANNOT BE BOXED, IF YOU LENGTHEN THE REAR CONTROL ARMS THEY ARE SUBJECT TO TECH OFFICIALS APPROVAL. SLIDER DRIVE SHAFTS CAN BE USED.

15: CHANGING FROM COIL TO LEAF SPRINGS IS NOT ALLOWED. CHAINING OF REAR HUMPS IS NOT ALLOWED. NO HUMP PLATES ALLOWED. CHAIN OR WIRE FROM FRAME TO FRAME IS NOT ALLOWED.

16: NO ADDING OF METAL TO ANY FRAME, BODY OR SUSPENSIONS ALLOWED (SEE RULE 13 AS TO FRAMES). NO REINFORCEMENT OF FRONT END, REAR END, RADIATOR SUPPORT, FENDERS OR ANYWHERE ON CAR. ANY RUST PATCHING ON BODY PANELS ARE SUBJECT TO TECH OFFICIALS APPROVAL.

17: TRANSMISSION COOLERS ARE ALLOWED, BUT NO ELECT FANS ON TRANSMISSION COOLERS ALLOWED. (IF TRANSMISSION COOLER HAS AN ELECTRIC FAN, YOU MUST REMOVE IT COMPLETELY FROM THE COOLER BEFORE YOU ARE ALLOWED TO DERBY, YOU CANNOT JUST CUT THE WIRES) IF TRANSMISSION COOLER IS MOUNTED INSIDE OF CAR IT MUST BE MOUNTED IN A SAFE MANNER BEHIND DRIVER AND SECURED AS TO NOT COME LOOSE DURING DERBY. (BY INSTALLING TRANSMISSION COOLER INSIDE CAR THE DRIVER KNOWS AND ACCEPTS THE RISK OF INJURY OR DEATH AND WILL ACKNOWLEDGE THIS ON THE RELEASE OF LIABILITY FORM.)

18: MAX TIRE SIZE IS 15 IN. NO 3/4 OR 1 TON REAR ENDS ALLOWED. ALL CARS MUST HAVE A 5 LUG BOLT LIMIT. REAR GEARS CAN BE WELDED TO MAKE POS TRAC. 4.5-5 IN BOLT PATTERN.

19: NO METAL PLATE OR TUBE CAN BE WELDED ON OUTSIDE OF CAR. NO KICKERS. A METAL TUBE CAN BE INSTALLED ACROSS DASH AREA. A METAL TUBE CAN BE INSTALLED BEHIND DRIVERS SEAT. (THE METAL TUBE BEHIND DRIVERS SEAT CANNOT BE NO MORE THAN 8-10 IN BEHIND FRONT DRIVERS SEAT) A METAL TUBE CAN BE INSTALLED ALONG DRIVER AND PASS DOOR ON THE INSIDE THAT'S WELDED TO THE DASH AND BEHIND SEAT TUBE. (THE BOTTOM OF THE DOOR BARS MUST BE A MINIMUM OF 10IN FROM THE BOTTOM OF THE INSIDE DOOR SEAM) NO BAR, TUBE OR PLATE CAN BE ATTACHED TO THE FLOOR BOARD OR FRAME. WELDING TUBES OR BARS IS RECOMMENDED. IF THE CAGE OR TUBES ARE BOLTED THE NUTS MUST BE ON THE INSIDE OF CAR. (HEAD OF BOLTS ON OUTSIDE OF CAR - NUTS ON INSIDE OF CAR) A ROLL BAR IS ALLOWED. THE ROLL BAR CAN GO TO THE FLOOR PANS , FRAME OR ANYWHERE ON CAR BODY (THE DOWN BARS ON THE ROLL BAR IS RECOMMENDED TO BE WELDED ON TOP OF THE BEHIND THE SEAT BAR). THE ROLL BAR CAN GO FROM THE BEHIND SEAT BAR UP OVER DRIVER AND CONNECT TO THE DASH BAR, BUT CANNOT BE WELDED OR BOLTED TO ROOF. ROLL BAR CAN GO FROM BEHIND SEAT BAR UP OVER ROOF OF CAR AND BACK IN TO THE BEHIND SEAT BAR.

20: FOAM SPRAY IS ALLOWED IN LIMITED USE AROUND RADIATOR ONLY. NO FOAM SPRAY CAN BE USED IN FENDERS, DOORS, FRAMES, TRUNKS OR HOODS. IF AN OFFICIAL THINKS YOU USED FOAM SPRAY IN EXCESS YOU WILL HAVE TO REMOVE IT BEFORE ALLOWED TO ENTER DERBY.

21: ALL DRIVERS WILL USE A DOT APPROVED HELMET AND USE SEAT BELTS AT ALL TIMES. SHOES AND PANTS ARE REQUIRED. FIRE JACKET AND PANTS ARE RECOMMENDED.

22: ALL CARS MUST HAVE WORKING BRAKES AND ROOF SIGNS WITH YOUR CAR NUMBER ARE MANDATORY.

23: ALL CARS ARE SUBJECT TO HAVING A SMALL HOLE CUT OR DRILLED IN CAR BODY AND/OR FRAME IF TECH OFFICIAL HAS REASON TO CHECK AREA IN QUESTION.

24: ONLY ONE PERSON PER CAR ALLOWED AT THE TECH BOOTH AREA WHEN CARS ARE BEING TECHED. THIS RULE WILL BE STRICTLY ENFORCED.

25: JUST BECAUSE IT IS NOT LISTED IN THESE RULES DOESN'T MAKE IT LEGAL. IF YOU ARE NOT SURE ABOUT A RULE, CONTACT US BEFORE YOU DO IT. NOT HAVING A COPY OF RULES IS NOT AN EXCUSE.

26: ALL CARS MUST PASS INSPECTION BEFORE BEING ALLOWED TO DERBY.

27: OFFICIALS AND TECH INSPECTORS HAVE FINAL DECISIONS ON ALL RULES!!!!!!!!!!

28: BUILDING YOUR CARS TO THESE RULES DOES NOT MAKE DEMOLITION DERBY'S SAFE. THESE RULES ARE TO HELP MAKE EVERY CAR HAVE A FAIR CHANCE TO WIN. THESE RULES ARE NOT FOR DRIVERS SAFETY. YOU ENTER THESE DEMOLITION DERBIES AT YOUR OWN RISK WITH THE UNDERSTANDING THAT YOU COULD HAVE INJURY, HARM, OR DEATH AND WILL ACKNOWLEDGE THIS ON YOUR RELEASE OF LIABILITY FORM.

29: IF YOUR CAR IS FLAGGED AFTER INSPECTION, IT WILL BE LINED UP IN YOUR HEAT. Anyone caught adding any reinforcement will be disqualified and entry fee will be forfeited. INSPECTION AT ANYTIME BEFORE, DURING, OR AFTER THE DERBY AT THE DISCRETION OF ANY HARDIN COUNTY FAIR TECH OR PROMOTER.

30: Engine cradle may be used to protect engine, NLR lower cradle 3/8 thick no thicker and can't be welded to mounts on frame.

Distributor protector may not be used.

ONLY ONE PERSON PER CAR ALLOWED AT THE TECH BOOTH AREA WHEN CARS ARE BEING TECHED. THIS RULE WILL BE STRICTLY ENFORCED.

CONTACT FOR MORE INFO:

Derby Starts at 7:00 pm. Inspection starts at 3:30 pm and must be completed by 5:30 pm.

A mandatory drivers' meeting will be held at 6:15 pm

All cars must be available to be inspected by 5:00 pm.

THE HARDIN COUNTY FAIR OFFICIALS

For questions

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