

HALF TIME SHOW

1-HEAT WELDED CAR RULES

PURSE TBD BASED ON CAR COUNT

CAR RULES

1. All glass, flammable material, and chrome trim must be removed. Rear seat must be removed. Stock gas tanks must be removed. No spare tires permitted in the trunk.
 - a. NO PAINTED FRAMES OR BARS INSIDE OF CAR
2. DOORS: Doors must be welded, fully is optional (outside only). Chaining is permitted, 3/8 diameter max. Chains are not to exceed 3 feet in length, 2 per door.
3. BARS: **MANDATORY** – Side bars that run along the inside of doors can be 4” to 12” channel or pipe, side bar can go to firewall to humps. You can have 3 cross bars if dash is removed from side to side, 4” to 8” square tubing or pipe. (No transmission braces). No bars inside of car may be allowed to touch engine or frame except unibody, not sub-frame. A plate may be added to driver’s door from window opening to floorboard for added safety. Bars are for inside of car, cannot go thru firewall or rear package tray.
4. HOOD & TRUNK: 4-hood bolts max 1-inch max bolt or all thread only. (2) can be welded to frame AT radiator support not TO radiator support. (2) can be welded to fender with 6-inch triangle gusset. You can fully weld deck lid, same on wagons, no inside deck lids in wagon, and you can add ¾ all thread to rear of car, behind rear window opening, welded to frame 3-inches, thru floor, bolted to top of deck lid with 3-inch washer ¼ thick, behind rear axle. **MANDATORY: A 12” X 12” INSPECTION HOLD IN HOOD AND REAR DECK LID!**
5. WINDSHIELD VERTICAL SAFETY BAR: **MANDATORY** – One bar minimum, 3 bars maximum. Safety bar to be n windshield opening in front of driver to prevent the hood from coming through. (1” minimum diameter, 2” maximum). FLAT BAR OR ANGLE IRON ONLY INSIDE WINDOW FRAME, NOT TOWARDS TRUNK AND NOT ON THE DECK LID AT ALL!
6. BATTERIES: Must be mounted securely in the driver’s compartment to floor NOT to cross bar and covered with inner tube. (NO PLUMBERS TAPE, NO PLASTIC BOXES, NO MILK CRATES) PREFERRED METAL BOX. NO EXTRA PLATE ON FLOOR! 3rd battery for fans only. Battery box and pedal combo can only be welded to floor not to cross bar. 2” of angle or equal sized metal around box and pedal.
7. GAS TANKS: Must be mounted securely behind driver’s seat to floor or to cross bars. Jeep jerry cans or an equivalently safe container is recommended with 5-gallons of gasoline. Punch holes in floor pan around tank for drainage. Fuel tank halos OK as long as they do not touch any other body part or bar, tank needs to be mounted between 2nd and 3rd bar for safety. No bars or anything else welded beyond 3rd bar. NO PLASTIC CANS OR STOCK GAS TANKS ALLOWED. OFFICAL’S DECISION FINAL!
 - a. No battery box, floor shifter, or pedal combo can be mounted to bars. To floor only!!
 - b. Fuel tank can be mounted to bars, but not behind 3rd rear bar.
8. SEAT BELTS: Mandatory lap belts, optional shoulder strap. All safety belts must be securely mounted to floor. SAFETY IS PRIORITY.
9. PAINT & NUMBERS: 18-inch numbers are mandatory on each side of car. Paint your car sharp. We are here to put on a show. Your fans like nice looking cars being totally demolished.
10. ENGINES & TRANSMISSIONS: ENGINE SWAPS OK (Ford in Chevy, Dodge in Ford, etc.) All engines and transmissions must be in stock location. Factory mounts on engine can be welded solid and welded to frame or cross member 8” total per side. 2-head straps can be welded to frame 4” max on each side with max diameter 2” tubing, flat bar, angle iron, or channel. Not to go past the end of water pump pulley. Steel or after-market bellhousings OK, no tranny braces. ENGINE CRADLE – ok but can only be welded to frame as stated in rules. Cradle welds to center cross member only! No rear engine mounts and no cradle or front engine mount past water pump pulley. Engine valve covers cannot go past firewall.

11. STEERING & SUSPENSION: Stiffened tie rods are ok. Take stock tie rod and add ½-inch rebar, two pieces to each tie rod by welding it the length of tie rod. NO AFTERMARKET TIE RODS, STOCK AUTOMOTIVE TIE RODS AND BALL JOINTS ONLY! STOCK AUTOMOTIVE SPINDLES ONLY! Front upper A-frames can be welded a total of 8" using 2x2 strap or angle iron. Bumper height must not exceed 20" to the bottom of bumper. All Chrysler products may tighten up torsion bar bolts as long as it does not exceed (number) height. Rear humps can be chained. On leaf-spring cars, (5) spring clamps per side (2x6 flat bar ½ thick spring clamps, ½" bolt max). Stock straps ok. On rear coil-springs cars, you can weld coil-spring to rear axle only. You may also run bump stops welded to rear axle ONLY, NOT TO FRAME. Shortened leaf springs are ok by 12". Can NOT be welded, only clamped. Must be shackled to frame with 2" x 6" x ½" flat strap with ½" bolts.
12. FIREWALL: Can be cut out for engine dist. relief but cannot sit engine inside of car. Firewall that has been cut must be covered by inner tube, rubber, or fire blanket. SAFETY IS PRIORITY. DON'T GET CRAZY.
13. ELECTRIC FUEL PUMPS: Electric fuel pump needs to be mounted to floor or in a box so that it is safe and covered. In-order to run electric fuel pump, you must have a negative disconnect switch that shuts car down completely. It must be mounted in front windshield opening on driver's side window bar, so that it is easily accessible by official or fire crew. (MANDATORY IF RUNNING AN ELECTRIC FUEL PUMP!)
14. RADIATORS: Stock automotive type in stock location only. Can be welded in with 1" x 4" x 1/4" flat strap in (4) spots or ratchet strapped in. A/C condenser can be put in front of radiator and welded in to protect cooling system with a max of 12" of weld on condenser. NO REINFORCING OF RADITOR SUPPORT, IT IS TO MOUNT RADIATOR AND CONDENSER ONLY.
15. FRONT AND REAR BUMPERS: Any automotive bumper (impact) or 6" x 6" x ¼" thick square tube bumper OK. Impact bumpers can be welded (inner to outer). Tube bumpers must not exceed outside of fenders, point on tube bumper OK. 12" length x 4" point) (FRONT ONLY)
BUMPER MOUNTING: Bumper brackets on outside of frame only. Can use stock automotive bracket or bumper shock collapsed (1 per side) or 4" x 14" x ½" flat plate, 2" x 4" x 14" square tubing ¼" thick, or 4" x 14" ¼" channel. Can hard nose.
Rear bumper only can be welded to body 30" with 1 ½" x 1/8" flat strap.
Front frame horns can be shortened and straightened but MUST retain stock radiator support. (UNTOUCHED)
16. BODIES: No welding anywhere except outside of doors for safety. No bracing or reinforcing, no cement in unibodies, liquid nails, etc. Call for any body repairs before doing them, sheet metal only. (Used cars) Trimming of wheel wells, notching frame, and pre-bending cars is permitted (for new and used cars). FENDER BOLTING or QUARTER PANEL – (3) 3/8" bolts max per wheel well, 2" max washer, (12) bolts max, no welding. CALL FOR ANY FLOORBOARD REPAIR OR RUST PATCHING!
17. WHEEL & TIRES: Any wheel or tire not to exceed 16" (mud and snow, tractor, fork-lift, etc.)
18. NO TRAILER HITCHES: All supports, and brackets must be removed.
19. FRAMES: Stock only! No welding or reinforcing. No cement or liquid nails in frame! No tilting of frame or adding body pucks. The only modifying of the frame that is allowed is in the front with bumper location.
 - a. FRAME REPAIRS: (2) pieces of 4" x 12" x ¼" thick flat bar (1 piece per frame rail) must be no closer than 2" from bumper bracket.
20. TRANS COOLERS: Optional must be securely mounted in the driver's compartment. Lines and cooler must be covered and sealed to protect against fire. SAFETY FIRST, ICE IS OK.
21. EXHAUST: Mufflers and tail pipes must be removed. Exhaust pipes are to be cut off behind the transmission to reduce the change of fire. Zoomies or stacks out of the hood are ok. It reduces the chance of fire and keeps engine cool. SAFETY FIRST.
22. REAR ENDS: (8) lug ¾ ton truck rear ends and passenger car light truck rear ends are ok (Lincoln Locker, Posi, Limited Slip, etc.)

- a. Coil to leaf conversions is OK. Must use front lower trailing arm mount to mount front leaf spring, rear of leaf spring may be shackled with ½" thick 2" x 6" with ½" bolt, MUST be shackled, NO bolting straight to frame. Spring leaf minimum is 48".
- 23. BODY TO FRAME HARDWARE: Body mounts & hardware needs to remain stock, no extra washers or bolting allowed. No welding of frame to bolt sub-frame or any welding frame to body at all! USED CAR REPAIR, NEED TO CALL JOSH BABB @ (559) 269-5192 (No repair is going to be stronger than stock).
 - a. BODY BOLT RULE: Two body bolts can be added to keep the frame from separating from body or can be bolted thru frame to body. Bolt size not to exceed ½" bolt by 8" long; (2) 1/4" x 3" washers per bolt, one bolt per frame rail. No welding of bolt or washer to body or frame!
- 24. HAND THROTTLE: Optional (Recommended)
- 25. SHIFTERS: Floor shift OK. Not to exceed mounting needed. Battery box and gas pedal mount must be separate. No extra plate in floor that exceeds that purpose.
- 26. FANS: Optional, may be removed. Electric OK.
- 27. DISTRIBUTOR SHIELDS: NOT ALLOWED
- 28. TRANSMISSION PUKE TUBES: MANDATORY – Take heater hose, remove the dipstick and place over the filler hole and route it away from the heat of the engine compartment to prevent fire. SAFETY FIRST
- 29. FUEL LINES: Can use stock fuel line under car or inside car fuel line OK as long as it is covered and secured. SAFETY FIRST.
- 30. HALO BARS ARE MANDATORY – Must be mounted to side bars, can go over roof not exceeding 4x4 channel, tubing, or square tubing. Not mounted to floor or any other bar, window bars, etc.!
- 31. DRIVERS SAFETY BAR: 10" max channel or flat bar can be welded the length of the drivers' side door and can overlap seams by 4". DRIVERS SAFETY IS OUR #1 CONCERN!

We want the event to be safe and fun, we want you to build a car that looks good, is safe, inexpensive to build, yet still be competitive. With the few exceptions stated in these rules. These rules are very detailed—if it is not listed here than it is not allowed. The only variations have been listed above.

DRIVERS SAFETY GEAR MANDATORY

1. Safety approved helmet.
2. Eye protection-goggles or face shields.
3. Coveralls—long sleeved.
4. Helmets & seat belts are to be worn until event is over.
5. Optional gear—gloves are recommended, fireproof drivers' suit.

EVENT RULES

1. OPEN TO ALL LAW-ABIDING CITIZENS OF THE UNITED STATES OF AMERICA.
2. ONLY OFFICIALS AND DRIVERS ARE ALLOWED IN THE DERBY ARENA. NO PIT CREW OR FAMILY MEMBERS!
3. NO ALCOHOL IN THE PITS, NO EXCEPTIONS!! THAT INCLUDES PIT CREW, FAMILY AND DRIVERS!

VIOLATORS WILL BE ESCORTED FROM PREMISES

1. Only the driver can discuss the Derby with the flagmen & Officials. Driver is responsible for the actions of his pit crew. Do not let your pit crew get out of hand-you will be disqualified.
2. Violators are subject to having their pit passes revoked and be escorted from the pit area.
3. FIRES: The first one—if minor—is warning. If the second first is bigger you will be out for that hear or main whichever the case maybe.
4. SAND BAGGING WILL NOT BE ALLOWED – You must hit another care within 2 mins. If your car dies—you have 2 minutes to get restarted and make contact with another car. Officials WILL KEEP TIME. This is a LAST CARE

RUNNING derby, NOT POINTS. If you are caught sand bagging, we will stop the derby and paint a big pink "X" on your car and the next time you will be DISQUALIFIED, ONE WARNING!

5. NO HITTING DRIVERS' DOOR!! Flagrant or intentional hits to the driver's warrant disqualification. If you deliberately turn your driver's door into the path of oncoming car, you may also be disqualified. If the trunk has come open and you cannot see—is no excuse for hitting the driver's door. Turn your car around and use the front end. We are only thinking of your safety and the safety of others.
6. **If a car is in a compromising position, (upside down or on its side) STOP YOUR CAR IMMEDIATELY. The officials will give you a green flag when it is safe to continue.**
7. KEEP ALL PARTS OF YOUR BODY INSIDE THE CAR AT ALL TIMES—Safety gear must remain on, and your seat belt fastened. The only exception to this rule is a fire. If your car is on fire, watch for the Officials and other cars and exit the car carefully and quickly. Carefully break your flag once you are out of the car.
8. NO TEAMING—This is a one-on-one derby. If you are caught teaming up on one care, you may be disqualified.
9. ALL DECISIONS AND INTERPRETATIONS MADE BY DERBY OFFICIALS AND JUDGES ARE FINAL. These decisions include but are not limited to; car event and pit rules, allowable equipment and car modifications, fires, sand bagging, hitting of driver's door, teaming, protests, and car re-inspections. All drivers, pit crew members and participants agree to comply with any decisions made by Derby Officials and Judges, including decisions regarding DISQUALIFICATIONS, EJECTIONS AND POSSIBLE SUSPENSION.
10. PROTESTS--\$1,000 CASH PROTEST FEE, DRIVERS ONLY. To protest you must pay the cash up front. If you are wrong, the fee goes to the car that the protest is against.
11. Crash your car hard and give the fans a good, clean, safe, and exciting show. We encourage your crews to dress alike and look good. NO FIGHTING OR BAD MOUTHING WILL BE TOLERATED.
12. Cars will be checked entering the arena. If caught cheating, you will not run that heat. Same rule applies for the main event.
13. NO REFUNDS!!

PIT RULES

NO ALCOHOL ALLOWED IN PIT AREA!!!!

1. All drivers and pit crew members must sign the release forms at the pit gate entrance. No one will be allowed into the pit area without the proper pit pass and signed release of liability form.
2. NO CHILDREN UNDER 16 YEARS OF AGE WILL BE ALLOWED IN THE PIT AREA. (Except power wheel kids) After the power wheel derby, all children under the age of 16 need to go to the stands, for the children's safety!
3. Drivers must be 16 years of age or older. If a driver is under 18 years of age, their parent or legal guardian must complete a release of liability. Proof of age will be required, no exceptions.
4. All cars must be removed from the fairgrounds immediately following the derby. Clean up your pit area, take your trash and metal debris with you. Abandoned cars will be turned over to the police department for impound and any towing charges or resulting liability will be the responsibility of the car driver.