2025 Blizzard Bash Weld Compact Rules

Any questions call: JD King - 513-258-8441

General Driver Rules & Expectations

- 1. ALL RULES MUST BE FOLLOWED OR YOU WILL NOT RUN
- 2. Drivers must wear a seat belt, helmet, fire suit jacket and long pants while participating.
- 3. All drivers must attend the drivers' meeting.
- 4. You must run a roof sign. You cannot use the roof sign to strengthen the car.
- 5. Drivers are not allowed to drink alcohol before they participate. If found with alcohol in system you will not run, no exceptions.

THIS IS NOT A SET OF RULES BUT A SET OF GUIDELINES OF HOW TO BUILD YOUR CAR. IF IT DOESN'T SAY YOU CAN SPECIFICALLY DO SOMETHING THEN YOU CANT. JUDGES DECISION IS FINAL! ALL CARS ARE SUBJECTED TO REINSPECTION AT ANY TIME!

NO PAINTING OR UNDERCOATING OF THE FRAME. NO BUFFING OR GRIDING FRAMES OR BODIES EXCEPT WHERE WELDING IS SPECIFICIALLY ALLOWED IN THESE RULES. NO PAINTING IN THE INSIDE OF THE BODY, SUSPENSION OR CAR. IF THIS IS DONE THE CAR WILL NOT BE INSPECTED.

- 1. At least one team member from the previous year must compete. The team captain (as put on the previous year registration form) will be the one in charge of the team. You are permitted any legal car combination on the team.
- 2. <u>FWD ONLY</u> 110" max factory wheelbase on all vehicles in this class. Leave vin tag to verify make/model/year. 4- and 6cylinder engines only. NO SUVs or Trucks. All cars must be fresh. No rear engine cars.
- 3. All cars must be stock unless modification is specifically stated in these rules.
- 4. All cars must be fresh. No pre-rans allowed at Blizzard Bash.
- 5. All glass, plastic, chrome, and interior must be removed from the car before arriving at the derby.

- 6. All trailer hitches and braces must be removed.
- 7. Batteries must be moved to the passenger front floorboard and must be properly secured and covered. Factory Fuel tank, oil coolers, transmission coolers must be removed.
- 8. All cars must have working brakes when you cross the hoist. If the car is not able to exhibit the ability to stop it will not be inspected.
- 9. No welding other than what is mentioned in this set of rules. If your car is found with any weld, other than what is allowed, and you refuse to fix it to the judge's satisfaction, you and your car will not run.
- 10. Any aftermarket parts must be approved by Smash It (Tim at 740-272-1188). You must call and submit pictures for approval. Parts that are not approved before the derby are not permitted to run.

Show Rules

- 1. You have 1 minute to make an aggressive hit. After 1 minute that car is disqualified. That is 1-minute total. An aggressive hit is solely at the discretion of the officials.
- 2. For safety, DO NOT HIT THE DRIVERS DOOR! You may not get out of your car for any reason during the heat until you are out.
- 3. You are given 2 fires the 1st one we put out and the 2nd one you are done for that round.
- 4. Rollovers you may keep going as long as the car is deemed safe.
- 5. Watch the officials. If they are trying to get your attention, there is a reason.
- 6. No holding or pinning, you must back up and show daylight.
- 7. Car qualifies, not the driver. During the event if a driver is unable to compete and has a replacement, please see driver's table for the driver to get signed up and fill out proper paperwork.
- 8. You must pass inspection within 3 times through or you will not be permitted to run.
- 9. A helmet, seat belt, fire jacket, and eye protection must be worn at all times on the track.
- 10. If the car is found to have a plate on the frame or body that the rules do not allow, the car will not be permitted to run. There will be no option to fix this problem.
- 11. If you hammer/shape/weld on the frame in any manner not covered in the rules you will not be able to run. There is no fixing this.

Cage & Inside of Car

- 1. All cage material must be no larger than 6" od, unless specified for a specific rule smaller. It must also be a minimum of 4" off the floor everywhere except the down legs going straight down. No cage material may be within 6" of the firewall and any part of the engine or components and be a minimum of 4" off the highest point of the floor which cannot be altered. You may weld a bar behind the seat from doorpost to doorpost, it can be an X do not connect directly to frame, and you may also have a single bar (with no extensions), across your dash area to replace your dash. You may run a bar connecting the dash bar and seat bar inside of the front doors only. You may weld two down bars from the cage to the frame vertically or to the floor to protect batteries and your feet. The front down bar must remain at the inside door seem and may only be welded to the top side of the frame. These bars cannot exceed 2"x3". You must have a roll bar behind the seat, which must be welded to the floor or frame and may be welded or bolted to the roof. <u>Must</u> be straight up and down. You may also weld a steering column to the cage. Side bars may be 6"x12" including roll over may be a max overall length of 62" long cannot go past the front of the dash bar. The roll over bar must stay within the 62".
- 2. You <u>must</u> run a gas tank protector, cannot exceed 24" wide, <u>must</u> be centered in the vehicle, 30" <u>MAX</u> height <u>must</u> remain 90 degrees straight up, may be pressured in at rear seat flooring and package area. Protector <u>must</u> not enter the trunk area. One Bar per side may run from halo sides to gas tank protector and <u>must</u> stay below the windows.
- 3. A well-made metal fuel cell (no plastic tanks) is required, and it must be mounted to your gas tank protector only.
- 4. Fuel lines must be ran inside the car and secured properly.
- 5. Engine oil coolers and transmission coolers are allowed. These coolers cannot be placed to reinforce the car. Cooler mounting may be to sheet metal or cage mount only (not both).
- 6. Floor mounted pedals and battery box are permitted. They <u>must</u> be 2" from fire wall, anybody mount or cage components.
- 7. Batteries may be mounted to the cage or to the floorboard (not both). The battery box may not strengthen the vehicle in any way. Must be a minimum 2" from, frame, body mounts, and a minimum of 6" from any protectors.
- 8. Cable shifters are permitted but may not be mounted in any way to strengthen the vehicle.

Radiators

1. When mounting the radiator, you must not reinforce the core support in any way.

2. Radiator must be mounted in core support in factory location only. You may have an 1/8" max radiator guard that cannot extend past the front body mount bolts. May be attached with six 3/8" bolts or four 1" welds.

Bumpers and Bumper Mounting

Option #1: Any seam welded OEM bumper may be ran as long as it has an unmodified skin front and back. It may be loaded, but all added material must remain inside the bumper.

Option #2: Homemade bumpers may be used as long as it falls under all of the following dimensions. The bumper may be built up to have a 14" point from the farthest point from the back side of the bumper to the point, however the point itself may be no more than a factory Chrysler pointy itself and spanning over a 36" span across the bumper. (Will have a cut out template to follow.) They may be 8" tall unless loading an unaltered factory skin.

- 1. You may trim bumper ends or fold them around.
- 2. No welding bumper to the body or cross member in any fashion.
- 3. Bumper height not to exceed 22" to the bottom of the bumper to the ground and be a minimum 14" from the ground to the bottom of the bumper or frame.
- 4. Bumpers must be mounted in stock location.
- 5. Front and rear bumpers may have 4 loops of wire from core support/trunk lid to bumper (not frame). These cannot be placed in-front of the radiator.
- 6. Rear bumper brackets must be OEM for the vehicle you are running.
- 7. No brackets are allowed any further back than the first 16" of the *front* frame rails.
- 8. You are allowed to use one 4" wide x 3/8" thick strap extending from your bumper down outside (tire side) of the frame and cannot extended further back than the first 16" of the frame. You are also allowed to wrap this strap around the front of the frame 3" to create an "L" shape, this is to give you enough material to weld your bumper to the strap. Plate may be formed to fit the frame but it may not be doubled up at any point. 4" width includes forming. You must have a 1/2" hole in the factory inspection hole up front. Call JD if you have questions on this.
- 9. Rear Bumper Brackets must follow the front bracket rule, no longer than 14" on the frame.
- 10. The rear bumper must be flat and can be no larger than 3"x3"x1/4".

Frame

1. No k member swaps. The k member *must* be factory for your car.

- 2. Unibody vehicles may cut the frame off flush with the front edge of the core support / body mount hole. If it is a weld on mount, leave the remaining portion of the body mount in place. If you remove the body mount completely or relocate it, you will not run.
- 3. No shortening the rear rails or center of the vehicle.
- 4. Front k member to frame spacer 1" thick 4" OD <u>max</u>.
- 5. You are only allowed to weld the factory frame seams from the front side of the firewall forward with a single 1/2" bead. On a unibody car you can weld the cross member (K-member) seams and the main unibody seam but do not weld the two together. No welding of inner fenders, strut towers or anything else. You may not beat the lip over and weld it.
- 6. Coil sprung cars will be allowed 20" hump plates. 1/4" thick 3" wide contoured to the frame. They must be centered in the rear axle no cheating to one side or another. Must have 2 half inch inspection holes drilled in them.
- 7. Rust repair Call before fixing any rust on the frame. The rust can be cut out, a piece cut exactly to the hole size maybe but welded in (same thickness). No restubbing cars at all
- 8. No frame shaping is allowed.
- 9. No tilting or altering of the frame/k member in any way.
- 10. Do not shape your humps.

Suspension and Steering

- 1. Do not re-engineer the way the steering components mount to the frame.
- 2. Aftermarket stock replacement ball joints and tie rod ends are allowed. Tie rod tubes may be reinforced.
- 3. A-arms
 - o Must be factory for the vehicle you are running
 - o May be seam welded.
 - o Must be bolted on in a factory manner.
 - o May be welded or bolted down but may not be reinforced.
 - o If bolted, you may use one 3/4" bolt per a-arm if choosing to bolt.
 - o If welded, you may use two 2"x4"x1/4" straps per a-arm. This strap must be welded to the a-arm and cannot be farther forward or backward than 1" past the widest part of the a-arm.

- 4. Struts must be factory for the vehicle you are running. Must mount with factory mounting brackets and be stock appearing. You may reinforce the inside of the strut and are allowed one 2"x4"x1/8" strap to weld on each strut used for height, weld to strut only.
- 5. Spindles and hubs must be stock for a vehicle that is legal in this class. You may weld one 6"x3/4" rod to the back side of the spindle.
- 6. Sway bar must be mounted in stock location and stock manner. No welding of sway bar or mounts.
- 7. No leaf spring conversions.
- 8. Slider CV shafts are permitted.

Tires/Wheels

- 1. Tires no bigger than 16 inches, No split rims, No studded tires. Doubled tires and
- 2. Solid Tires are ok we don't want any flats! Valve stem protectors are ok. Tires may be screwed to rims. No foam filled drive tires for the arena shows for safety reasons. Wheel reinforcement is allowed as long as the wheel starts with a stock wheel, and the reinforcement stays within the factory bead. Bead locks are permitted in this class. Bead locks may be no more than 20" in diameter and can be on inside of tire only.

Motor, Transmission and Engine Cross Member

- 1. You may use a 4- or 6-cylinder engine of your choice, but it must be mounted in stock location in a stock manner.
- 2. Motor mounts can be replaced but must remain factory style. Reinforcing of the mounts is permitted but must still have a bolt as a pivot point. Mounts may be welded solid with one 4"x6"x1/4" thick plate per side. Mounts (other than upper FWD) must go to engine cross member, not to the frame. Top side FWD mounts may be welded on both sides.
- 3. Full engine cradles are allowed but must be 6" from any cage components and 6" from the core support.
- 4. All engine cradle components must be a minimum of 1" away from the frame rails and body on FWD cars and may not strengthen the frame in any way. Pulley protectors are allowed but may not extend your water pump. Only 12 inches may contact the firewall.
- 5. On FWD cars, <u>must</u> be a <u>minimum</u> 1" from frame/k member.

Trunk, Tailgates, Hood, Doors, and Body

- 1. Body shaping is allowed to the exterior of the vehicle only. All panels must remain in factory position. Rear quarter panels and taillight valance must remain vertical.
- 2. You can patch rust holes in sheet metal with sheet metal only. Do not cut rust out; weld 2" beyond rust max.
- 3. You are allowed 2 strands up to 4 loops of #9 wire per window opening. May go around frame and through the roof sheet metal only. Do not use your cage in any way to support this.
- 4. You may use up to four 1/2" all thread to mount your radiator. This may pass through the bottom of the core support. You may use 2"x6" 1/8" thick flat steel welded to the core support to run your all thread through.
- 5. No radiator or fan protectors allowed.
- 6. K member bolts can be replaced with up to 1" bolts.
- 7. K-frame cars are allowed to bolt the K-member to the frame solid with no spacer (no welding). May have one 2"x3"x1/4" washer inside the frame and one 4"x4"x1/4" washer on top. Bolts must be up inside the frame. If you choose to use a body mount hole for your trunk all thread, this does not have to be up inside the frame. K-frames must be the factory one for that car.
- 8. If running a core support spacer, must be 2"x2"x1/4" tubing welded to the frame <u>and</u> body. 1" all thread *must* be used as 2 of your 6 hood bolts.
- 9. Absolutely no body mounts may be moved or added.
- 10. Do not shorten the front of your car.
- 11. Core support may not be relocated and must be bolted in factory location only.
- 12. Hoods must have at least a 12" square hole in case of a fire. You are allowed sixteen 3/8" bolts with a washer of 1.25" to bolt hood seems.
- 13. You are allowed 6 spots to hold your hood on. Your core support all thread <u>must</u> go through the hood and <u>will</u> count as 2 of the tie down spots. You may have up to 1" all thread, no longer than 8" (<u>ANY LONGER, YOU LOSE IT ALL</u>). All other tie down spots must be sheet metal to sheet metal only with a washer no bigger than 5"x5"x1/4" flush/level with the hood to support the hood pins. 5" max floating washers to keep the hood shut.
- 14. Fenders may be bolted back together with no more than six 3/8" bolts with a 1.25" diameter washer. No rolling your fenders and welding them. If you wrap or fold your fenders around the front of the core support, do not exceed four 3/8" bolts with 1.25" washers to bolt together.
- 15. Do not alter the firewall in any way.

- 16. You <u>must</u> have a front window bar. You <u>must</u> use 2" x 2"x ¼" tubing from roll over bar to top of dash bar (can not go in front of dash bar).
- 17. You <u>must</u> have a rear window bar no more the 6" welded to the top of the roof, 6" on to deck lid starting at the front of deck lid, 2 bends <u>max</u>, <u>MUST</u> have 1" gap between rear window bar and gas tank protector.
- 18. You may weld your doors and trunk shut with no larger than 3"x1/8" flat strap (do not overlap). Only the exterior seams may be welded. If you choose to bolt or wire or doors shut, must be done in a minimum of 6 locations.
- 19. You may fold the tops of the doors over and weld the inner door to the outer with 2"x1/8" thick *max* door strapping material.
- 20. You are allowed to skin the driver's door with 3/16" thick sheet metal for safety reasons. It may not extend further than 3" past the door seams.
- 21. You can fold hoods or trunk lids over. Do not slide your hood or trunk lids forward or back, trunk must remain on hinges. Trunk lids may be shaped but must remain 8" off the floor.
- 22. Two 1" all thread may go from the trunk lid to the frame. You may pass through a factory body mount hole or weld 3" to the side of the frame.
- 23. May use up to a 5"x5"x1/4" floating washer on top of the trunk lid.
- 24. Do not remove the speaker deck.
- 25. Wagons must remove all rear decking and seat components. If you choose not to run a rear bumper on a wagon, you may drop the tailgate straight down welded to the body only.