

# 2023 Front Wheel Drive Bonestock (Gut N Go) Demo Derby Rules

If you have any questions with the rules, CALL FIRST. Do NOT assume anything, do NOT play any grey areas. This should be a one time through inspection type build and if you are caught with several major issues, you will be loaded. PLEASE READ AND ADHERE TO THE GENERAL DEMO DERBY RULES. All classes must follow those general rules as well. The official's decision is final. Call Logan Sorensen at 231-343-8868 for building questions.

## Cars Allowed

1. Any factory built front wheel drive compact car or minivan allowed.
2. No V8 cars of any kind allowed.
3. No rear wheel drive cars allowed.
4. NO all-wheel drive cars allowed.
5. No full framed cars, trucks, full size vans or SUV's allowed.
6. No T-tops or convertibles allowed.

## General Preparation

1. All glass, plastic and pot metal must be removed. Nothing to remain in the bottom of the doors or trunk. This includes all carpet material.
2. Front dash can be removed.
3. Driver door panel can be left in place.
4. All outer hardware must be removed – door handles, mirrors, chrome, molding, fiberglass, etc.
5. All flammable material must be removed.
6. All airbags must be completely removed. You cannot just unplug wires.
7. The computer can be relocated and secured with spray foam.
8. Front seat must be securely bolted to the floor.
9. All seats except the driver seat and the passenger seat must be removed from the vehicle. This includes all seats in stow n go minivans. They must be completely removed from the vehicle.

## **Body Preparation**

1. All cars must run a hood.
2. Hood and trunk lids needs to be open for inspection.
3. Hood must be wired or chained shut. This will be done after inspection when you line up immediately after inspection.
4. Hood and trunk lids can be wired or chained up to 6 locations. Double stranded Max. NO bolting hood or trunk lid down.
5. Hood and trunk lid must have a 12" x 12" access hole in them for inspection and safety.
6. No creasing, tucking, bending, forming, or body shaping anywhere on the car.
7. Fenders and quarter panels can be cut away for clearance but must remain stock angle.
8. Sunroofs must be covered, no exceptions.
9. Driver door can be welded shut. Other doors must be chained or wired shut in 6 spots MAX.
10. Body mounts must be factory, no aftermarket bolts.
11. Fresh cars mean fresh and not pre bent. You will not run if you pre bend a fresh car.
12. Trunk lids are allowed to be removed.
13. No other welding is allowed at all unless it is specifically mentioned within these rules.
14. No seam welding is allowed.

## **Steering & Suspension**

1. NO modifications to the steering or suspension allowed. Must be the stock OEM equipment for that Vehicle.
2. A-Arms must be factory. No aftermarket A-arms or added metal plates.
3. Struts must be factory. No aftermarket struts.
4. NO changing out the rear end components. If it's too rusty, build a new car.
5. Coil springs may be wired in.
6. Inspectors may drill or unbolt as necessary if they think that something has been tampered to ensure that all rules are being followed.
7. Car must bounce.

8. No aftermarket shifters, steering columns, or pedals. Stock to that vehicle only allowed. (New for 2023)

### **Brakes & Tires**

- 1) Car must have working brakes at all time.
- 2) Any tire/rim combo is allowed.
- 3) 4 wheels max per car, no dual tires.
- 4) NO split rims or studded tires
- 5) Wheel weights must be removed.
- 6) Tire flaps are allowed.
- 7) Valve stem protectors are allowed
- 8) Tubing tires is allowed.

### **Frame / Unibody**

1. NO frame or unibody welding of any kind allowed.
2. NO filling frame or body holes with spray foam.
3. Crush boxes are allowed to be removed.
4. If you have frame repair questions call Logan BEFORE you come to the show with instructions how to fix it.

### **Bumpers**

1. Any stock automotive bumper is allowed. (New for 2023)
2. If your car didn't originally come with bumper shocks, you cannot run bumper shocks.
3. Bumpers can be cut down for clearance but only the bumper ends can be cut. Bumper ends can be folded in.
4. Bumpers can be lightly welded on with a single pass of bead around frame end. DO NOT OVERWELD.
5. Bumpers may NOT have points or protruding objects.

6. Bumpers can have up to a 3" wide strap maximum of 1/4" thick. Strap can be welded on any 3 sides of the subframe and you may only weld these straps a maximum of 3" onto the subframe and 3" onto the bumper. The straps for bumper cannot be touching or welded to the K frame in any way.
7. A 4" x 4" x 1/4" plate can be mounted to the bumper on each side for mounting purposes. A single bead pass maximum. Do not overweld. Absolutely nothing can be inside the frame.
8. No added metal on bumpers with exception of the mounting plate and straps listed above.
9. Bumpers cannot be seam welded or have any welds on them with exception of mounting purposes listed above.

### **Drivetrain**

1. Radiator must mount in factory location or be removed.
2. Stock OEM style radiator only.
3. NO homemade radiators or reservoir tanks allowed.
4. Radiators can be spray foamed in place.
5. Electrical fans are allowed.
6. Engine & transmission must be stock for the make and model of the car.
7. Headers or exhaust stacks allowed thru the hood. This is allowed now due to the fact that manifold converters are being cut off of cars and therefore they are just being scrapped instead of being derbied. (New for 2023)
8. NO engine cradles allowed.
9. Welded differentials are allowed.
10. Stock motor mounts only. No aftermarket motor mounts are allowed. Motor mounts can be looped by one of 2 of the following ways: Double stranded 9 wire or a single loop of 3/8" chain with a single 3/8" bolt allowed but cannot be welded at all. (New for 2023)

### **Drivers Compartment**

- 1) A chain, strap, or single 4" x 4" x 1/2" wall tube will be allowed behind the driver seat from post to post UNLESS you have a 4 point cage.
- 2) A single Rollover bar can be welded or bolted to the cage only and not to the floor. Bar must be straight down in 2 spots. Rollover bars cannot be 10" past the center post. The rollover bar must be behind driver seat. Rollover bar can be bolted or welded in 2 spots on the front side of the rollover bar only.

3) Cages are allowed: Up to 4" x 4" x ¼" thick material allowed. Driver side door bar can be up to 12" tall of material. A single down leg is allowed in the center of both front doors but can only be attached to sheet metal and not to the frame. No gussets are allowed. Cage cannot go further than 3" in front of the front driver door seam and no further than 10" past the B pillar seam. (New for 2023)

4) Cage must be 5" off of the floor and cannot be higher than 5" below the window area of doors.

5) Driver's door may be foamed for protection.

6) Gas tank may stay in stock position if located in front of the rear axle. If gas tank is behind the rear axle it must be removed, and a steel tank or fuel cell must be used.

7) Fuel cells must be attached to either the 4 point cage/rear seat bar or bolted to the floor but must be in rear seat area and must be 4" from the rear speaker area/sheet metal. Tank holders are allowed but cannot be bigger than the tank.

8) Pump gas only.

9) Electric fuel pumps are allowed. An ON/OFF switch must be mounted to the left side of the steering column on the dash with the OFF in the down position.

10) If windshield is removed, a chain, cable, #9 wire or a 2"x 2" max bar or tubing must be used in the front windshield area from the cowl to roof. It cannot be attached to the cage. This is for driver's protection. Windshield protection cannot be attached to the halo/rollover bar. Windshield protection must be mounted using a 3" x 3' x 1/4" thick mounting plate on the roof but must be within 4" from the top of the windshield seal lip. (New for 2023)

11) One automobile type battery allowed. Battery must be relocated to front passenger seat or front floorboard area. Battery must be securely fastened and covered.

12) #9 wire will be limited inside the car. Only 1 strand per side in the back-seat area connecting the floor to the roof.

13) Driver door protection is allowed to go up to 3" maximum from front driver door seam forward (new for 2023) AND 10" maximum past the B pillar (driver door seam). The door protection overlap rule is for the outside of the door. If your door protection is inside the car then you must go by the cage rule. Driver door protection must be positioned in the middle of the door if it is located on the outside of the door. If it is located inside the door, then it must be 2 pieces built in an "X" fashion.

14). Driver door protection- Cannot have too much. Angle iron/fence post is not allowed to be used as driver door protection. It is strongly suggested that drivers doors are foamed and have a plate on the outside if not running a cage. We cannot stress enough how important this rule is.

15). Speaker deck must remain stock and intact in car.

### **Pre-Ran Cars**

1. Used cars must be approved by Logan before the show.

2. Cars can only be fixed by wire and limited bolting.