

**Fifth Annual Tim Tygart Memorial Turkey Derby**  
**Saturday, November 27, 2021 at 3:00 P.M.**  
**Sunday, November 28, 2021 at 12:00 P.M.**

**Pre-Entry deadline to receive a driver shirt for this class is**  
**November 1**

**For tech/rule questions for this class please contact**  
**Kody Koch @ 260-418-4060**

### **Turkey Derby Kicker Class Rules**

Type of Cars: Any year sedan or station wagon. Full frame and sub-frame Imperials are allowed. No trucks, vans, El Caminos, hearses, 4x4's, or limos.

#### **A. Body**

1. All doors may be skinned, all other sheet metal must remain factory, you may patch sheet metal tears with no more than a 1" overlap.
2. Body may not be welded to the frame from the center of the rear axle to the rear bumper.
3. Rear body panels may be welded to rear bumper but the bumper may not be wrapped in the process.
4. Remove all glass, mirrors, plastic, trailer hitches, and anything flammable. Remove all decking in wagons. Vehicles must be swept clean of all debris.
5. Door plate is highly recommended!
6. A 12" hole must be cut in hood above carburetor. Half hoods on car are ok. If no hood, no fan on motor.
7. Hoods may be fastened down in 8 spots w/bolts, wire, or chain.
8. All thread 1" max may be ran through core support next to radiator only, one on each side through the hood.
9. Core support may be spaced up from frame.
10. (6) 3/8" bolts may be added to each wheel opening.
11. Rusty panels may be patched by using no more than 1" overlap. Do not cut rust out. If officials cannot tell there is rust, the patch will be removed. You must patch rust with the same thickness of the metal. If the car has been previously ran we will allow you to repair body to keep it from falling off. NO full body skinning!! Doors and quarters may be patched with no thicker than 1/8" sheet. This is to be shaped in a factory manner and only sheet metal to sheet metal.
12. Doors and trunk can be welded solid with 3" wide x 1/4" strap max.
13. Tops of doors can be folded over and welded. Chain, wire, and bolts are also acceptable.
14. Trunk tucking and wedging is allowed. You will need a 12" hole to see in trunk during Inspection.
15. Speaker deck may be pushed down or removed.

16. Sheet metal crease enhancement is allowed.
17. Must have bar, chain, or wire from firewall to roof in front window area.

## **B. Frames**

1. Top and bottom frame seams may be welded from front to rear.
2. Split rail rear frames may be boxed in with the same thickness of metal (no bigger than ¼").
3. 3"x 3" Washers may be welded over each body mount hole. -TOP SIDE ONLY-
4. The rear humps may be plated. The plate may be ¼" x 6" x 32" long (Bash style).
5. You can have (6) 4"x 6" plates on the frame.
6. You can plate a-arms forward.
7. Frame may be tilted/pitched.
8. Body bolts no bigger than 1".
9. You can use all thread for your body mounts in the trunk (2 only). An 8" hole will be cut in the trunk for inspection.

\*\*\*03 AND UP FORDS\*\*\* Can change cradle with a factory ford parts.

## **C. Drivetrain**

1. ANY TYPE CAR ENGINE CAN BE SWAPPED.
2. Distributor protectors, pulley protectors, engine cradles, transmission protectors, and skid plates are allowed. Engine mounts may be reinforced or homemade.
3. Transmission and oil coolers allowed. These must be installed in a safe manner as deemed by the inspector.
4. Battery must be relocated, you can use 2 (12 volt) batteries covered & fastened securely.
5. Gas tanks will be removed from all vehicles and a smaller gas tank must be re-located in the back seat floor area. Boat tank or fuel cell recommended. Tanks must be mounted securely and covered.
6. All fuel lines must be ran where they will NOT be cut or pinched.
7. Brakes MUST work.

## **D. Bumpers**

1. You may hard nose the bumper.
2. Any car bumper can be put on any derby car.
3. Due to the high cost of bumpers you may stuff the inside of the front and rear bumper OR use a piece of square tubing no larger than 8x8.
4. Bumpers can be welded to frame solid.
5. Bumper brackets can be welded to the frame. Bumpers can be held on by #9 wire in (4) spots to sheet metal.
6. 14" minimum bumper height and 22" maximum bumper height measured from the ground to bottom of bumper.

## **E. Suspension**

1. Any type rear end allowed, but must be mounted like it was there from factory.

2. You may strengthen A-arms, tie rods, and steering components. Aftermarket parts are allowed.
3. Car does not have to bounce.
4. Chains on rear end are okay.
5. All thread shocks are okay.
6. You may weld one piece of 2" wide strap on both sides of the upper A-arms or have a bolt welded to the frame to bolt A-arm solid for height.
7. You are allowed trailing arms to leaf conversions.
8. If you have a leaf spring vehicle, no more than 9 springs and they must have stagger. 4 clamps per side of car max.
9. Rear control arms can be reinforced or make your own.
10. Coil springs may be welded or wired to brackets.
11. Aftermarket control arm brackets allowed when swapping from watts style suspension on Fords. 1997 and older rear suspension tray may be swapped to a 98 and newer Ford.

## **F. Tires**

1. No tires bigger than a 16", any ply rating, and does not have to be DOT rated.
2. No split rims.
3. No studded tires.
4. Doubled tires are okay.
5. Valve stem protectors are okay.
6. May have wheel centers welded in.
7. You may use beadlocks.
8. You may use foam filled tires.
9. You may use solid tires.

## **G. Cage**

1. Any cage from center of A-Arm to center of rear humps is allowed. This includes the frame and body between center of A-Arms and center of rear humps. This can be done with a variation of bar stock and plate as long as it does not compromise driver safety.
2. Front kickers allowed from dash bar to center of A-arms.
3. Rear kickers allowed from cage to center of humps. Each bar may be welded directly to the hump, but may not go through the hump.
4. The cage may have a rollover bar.
5. YOUR BACK WINDOW BAR AND FRONT WINDOW BAR MAY CONNECT TO THE ROLLOVER BAR. (You can have 2 front bars and 2 back bars.)
6. Rear window bars may go no further than halfway onto the trunk.
7. You may run a gas tank protector. It can be welded to the rear sheet metal and/or bolted to the tray table.