

# Juniata County Fair

## Demolition Derby Rules

Sunday September 4, 2022 - 5:30  
Contact: Bill DeArmitt at 814-386-2702  
Fee: Pre. Reg. \$25 - Day of \$30

- Any factory 4 cylinder or less
- Any factory 6 cylinder or less with a wheelbase of 113" or less
  - **No AWD cars allowed**
  - **No full frame cars allowed**
  - **FWD must stay FWD**
  - **RWD must stay RWD**

### General Rules

- All drivers MUST ATTEND drivers meeting
- Officials have the right to reinspect any vehicle before, during and after the event
- Any vehicle found to be not legal will be disqualified and will not receive money or a trophy
- **NO ALCOHOLIC BEVERAGES OR INTOXICATED PEOPLE IN THE PITS**

### Exterior/Interior

1. All glass, windows, loose glass, broken glass, headlights, and taillights must be removed
2. All exterior trim, emblems, plastic grills, plastic bumper covers, spoilers, door handles or anything that can fall off must be removed
3. All interior carpet, moldings, seats except driver's seat, headliners, door panels, speakers, etc. must be removed
4. Cars must be swept clean from all debris, tools, tires, etc. before being teched
5. All cars must have a roof sign
6. All cars must have working brakes
7. Dashboard is optional. Glove box, ash tray and radio must be removed

### SUSPENSION

1. Factory OEM suspension - must be factory for car you are using
2. No reinforcing or strengthening of components will be permitted

## Drive Line

1. 4 cylinder or 6 cylinder engine only - **NO V8's**
2. No tranny oil or fuel coolers permitted
3. Motor mounts must be factory rubber mounts only
4. Headers permitted - No header protectors - Headers must point straight up in the air
5. No engine cradles permitted
6. No carb cradles permitted
7. No motor swaps - Ford must stay Ford, GM must stay GM, Chrysler must stay Chrysler, etc.

## Bumpers

1. You may run a factory OEM car bumper - Ends may be cut out for clearance - You may cap ends but must have inspection hole in both ends
2. You may run a SMW or compatible flat aftermarket bumper - No homemade bumpers (No heavier than 3/16 material)
3. You may run a single piece of 4x4x ¼" square tubing. It must remain flat and no modifications to the tubing will be allowed. MUST have an inspection hole on each end if capped or remain open. Tubing bumpers may only be used on front
4. You may trim/square the front of the frame to weld the bumper to the frame. You may hardnose the front bumper or weld it to the front of the frame
5. If welding the bumper directly to the frame you may use two 6x6x ¼" plates- one per frame rail to aid in bumper mounting - these plates must be welded to the front of the frame only
6. If you choose to hardnose, no bumper brackets/bumper shocks may be in or on the frame. If using bumper brackets or bumper shocks they may only be welded to the bumper and front of the frame

**Hood** - May be secured in 4 places using ¾" max chain, two loops of #9 wire per hold down or bolted down with ½" hood bolts max. Cannot attach to frame subframe and MUST be open for inspection

**Trunk/Tailgate**- May be secured in the same manner as the hood or Trunk/Tailgate may also be removed

**Doors**- You may weld three 4x4x ¼" plates per door seam, chain or #9 wire the doors. Driver's door only may be welded solid

- Must be a 12" diameter hole cut in the center of the hood and trunk. Station wagon inner decks must be visible for inspection. You may use ¾" bolts around hood and trunk hole

## Battery and Fuel tanks

1. One battery permitted
2. Battery must be securely mounted in battery box or mounted with 2 pieces of all thread and metal strap over the top. No ratchet straps, bungees, or seat belts as tie downs
3. Battery must be at least 12" away from gas tank
4. Battery covering highly recommended

### **Battery and Fuel tanks continued**

5. Original factory fuel tank **MUST BE REMOVED**
6. Metal style fuel tanks must be used and securely bolted to the floor or gas tank protector. No ratchet straps, bungees, chain, or seat belts permitted as tie downs
7. No plastic fuel tanks will be permitted
8. All fuel tanks must be leak proof and sealed or you will not run
9. All fuel lines must be securely mounted and must be double clamped
10. Any spilled fuel must be cleaned out of car before passing inspection
11. Any car that has a fuel leak during derby will be shut down
12. Fuel tank cover highly recommended

### **Tires and wheels**

1. Any air-filled tire is permitted
2. No liquid, foam, calcium, cement, etc. permitted
3. No studded tires - No solid forklift tires
4. Must use any OEM wheel
5. No screws, bead locks, rim guards, split rims or homemade wheels permitted
6. A simple 8 inch multi pattern center may be used with an OEM wheel. One ¼" max. center per wheel. No gussets or anything else to add strength permitted
7. All wheel weights must be removed

### **Safety**

1. DOT or SNELL RATED helmet **MANDATORY**
2. Eye protection **MANDATORY**
3. Neck Brace is **MANDATORY**
4. Long sleeves and long pants are **MANDATORY**. Gloves are optional but highly recommended
5. Fire extinguisher is highly recommended and must be in reach of driver
6. Fuel injected cars must have FI rated line (must say for fuel injection use on the line) - Fittings must be double clamped - **MANDATORY**
7. All airbags and chargers **MUST** be removed
8. All vehicles **MUST** have a working seatbelt
9. If the dash is removed a dash bar is mandatory. It must be mounted to a 6x6x ¼" max. plate - One on each side and welded to the A post
10. A rear seat bar is **MANDATORY**. It must be welded on a 6x6x ¼" max. plate - One on each side and cannot attach to the inner door skin - **MUST** be attached to the B post
11. Dash bar and seat bar - 4x4x ¼" max or 4 inch round tube max.
12. Front window bar allowed. Must be tubing, pipe or flat bar - 2 inch max. in size - Window bar must be bolted or welded to the sheet of metal. Can attach to the roof and cowl

## Mini Vans/Truck/SUV Rules

1. No full-size trucks, vans or SUVs permitted
2. No 4x4 or AWD vehicles
3. All wheel drive and 4x4 vehicles MUST remove one of the driveshafts
4. Hatch/Tailgate must remain in factory location or can be removed
5. Truck bed must be chained to frame in four places -  $\frac{3}{8}$ " max. chain
6. No motor swaps - GM must stay GM, Ford must stay Ford, Chrysler must stay Chrysler, etc.
7. **ALL OTHER RULES WILL APPLY**

### **Juniata County Fair Demo Derby Pre-registration**

**Pre-registration form and money must be received by August 31<sup>st</sup>:**

**Bill DeArmitt  
1050 Main Street  
Alexandria, PA 16611**

Name:

Address:

Car #:

Class: