

## 2023 Monroe County Fair Demolition Derby Rules

Tuesday, August 1, 2023

One Show Only, 7pm

### Standard Rules Apply to ALL Cars - Both Semi-Stock and Modified Classes

#### General

1. No tow trucks/support vehicles allowed in pits during event. Tow vehicles will be allowed to enter to remove cars after event. All cars must be removed within 2 hours after event. Any cars left after 2 hours will be scrapped.
2. Tools will be allowed in pit area to work on cars. No unapproved cutting, welding or modifications will be allowed after inspection. Cutting torches in pit area may only be used with the presence and permission of race officials.
3. All cars must be equipped with approved seat belts. Helmets must be approved. Full face helmet is recommended. Drivers must wear long sleeve shirt, long pants and full coverage approved shoes. Fire suit and gloves are recommended.
4. Reasonable clearance allowed for shifter, steering column, wires/fuel line. Firewall must be structurally sound to inspector's discretion. Holes over 4" in firewall/floor board must be sealed. No loose objects allowed in car during event.
5. Braces may be added and securely fastened behind drivers seat from door post to door post and/or A-Post to A-Post, to protect foot area.
6. **Feature cars must be cars that have run in the heat.**

#### Stripping

1. All flammable materials must be removed. No broken windows, doors, no sharp objects.
2. The car must be clean and free of loose debris in the drivers compartment and the trunk.
3. All airbags must be removed. Drain air conditioners. Rubber hoses must be cut or removed prior to arrival at the track. All trailer/towing hitches must be removed.

#### Glass/Windshield

Rear windows, side windows, headlights, taillights, all mirrors must be removed. Optional front Windshield must be intact and secure if used. Lexan may be used to replace stock windshields. Cracked windshield may be taped with clear tape and braced to support cracked area. Replacement windshields must be supported inside and minimum of five tabs on the outside securely fastened. Three tabs on the top of windshield and two lower tabs minimum. If no windshield, minimum two braces, structurally sound, roof to center of cowl, centered, securely fastened and driver MUST have full face helmet, gloves, eye protection and full coverage, long sleeve, heavy material coverage (will be checked as cars enters track).

#### Driver Protection

**Driver's door must be reinforced.** Reinforced area must extend from location of driver's knee rearward past driver seat. Concrete if used, must be within 4" of top of door, no loose stone, must be dry and hardened. Maximum door reinforcements must not exceed 12" wide or extend past driver's door more than 8". Ends of reinforcement must not be sharp or squared off. Front and rear passenger doors may not be reinforced. Driver's door must be padded from interior to cover top of window opening.

#### Gas Tanks/Battery:

1. Maximum capacity 6 gallons. Stock tanks must be removed. All gas tanks must be covered with metal fire wall. No fire blankets allowed. Gas line must be steel, except for connections. Lines must be securely fastened. Electric fuel pumps allowed if stock. Fuel cells recommended. Cars with electric fuel pumps must have MASTER SHUT OFF SWITCH, marked with RED ARROW. Any fuel line that runs inside drivers' compartment must be enclosed in metal tubing and painted red.
2. Battery must be relocated in drivers compartment and must be covered/enclosed/securely fastened to inspectors discretion.

Any stock type battery is allowed, one per car.

### **Painting, Numbering, Car Appearance:**

All cars should be presentable. No offensive language, symbols or images allowed (swastikas, Confederate Flags, profanity, etc). Numbers must be on both doors and roof. Minimum number size is 16" high, 2" wide. Car number painted on driver's door must be contrasting color to rest of car paint.

### **Tires/Wheels:**

Passenger vehicle tires only, aggressive tread allowed. Valve stem protectors and welded wheel centers are ok. No Bead locks. No SKID STEER TIRES.

## **Semi-Stock Class Rules**

### ***In addition to Standard Rules***

*These rules are to make the builds more economical, less time consuming, and level the playing field for everyone involved. These rules were developed to help the youth and veterans of the sport to help it continue to grow, and so the people of this community will have demolition derbies to watch for many years to come. PLEASE respect the above rules and the sport so this will happen.*

### **General**

1. 1980 and newer original auto manufacturer-built passenger cars only! No Trucks, Convertibles, Jeeps, Vans, Travelalls, Suburban or Utility Vehicles allowed. Cars will not be allowed if damage is determined to be a safety issue.
2. STOCK MEANS STOCK! These cars are to be considered STOCK unless specifically mentioned in these rules. No altering, swapping, welding, or manipulating parts unless specifically mentioned. Patching and rust repair WILL be allowed ONLY as stated below.

### **Body and Frame**

1. Body mounts and rubbers may be removed and replaced with a maximum 1/2" bolt and a maximum 3" washer. Neither washer nor bolt may be welded in any way. No adding or moving body mounts allowed!
2. **Repairing**
  - a) REPAIRS ONLY IF CAR IS BENT OR RUSTED. If officials believe the patches to be excessive, cutting will NOT be an option.... you will be asked to run the modified class.
  - b) Frame patching - You may patch bent frames on previously run cars ONLY. Maximum 4 patches per car. Each patch may be no larger than 4" x 4" x 1/4" thick with a minimum 2" between each plate.
  - c) Rusted frames may be patched with maximum 1/8" thick material and may overlap non rusted frame by 1" only. You may not re-weld any frame seams.
  - d) You may patch doors on previously run cars only with the same thickness sheet metal. NO over lapping door seam.
  - e) Floors and trunks may be patched if rusted out.
3. Do not paint or undercoat frames inside or out.
4. Core support may have up to a 6" spacer between bottom of core support and frame. Up to 3/4" threaded rod may be used from the top of the core support to the mount to hold in place. NO WELDING AT ALL.
5. Trunks may be creased. Quarter panels must remain upright. Body panels may be creased. Frame may be creased or cut to have a controlled bend in the rear of the car....no other frame modifications allowed. Two (one each side) six-inch holes must be cut in trunk and hood. No Frame Shaping Allowed.

### **Suspension**

1. All front suspension and cradles must remain stock to that year/make/model of frame. No reinforcing or swapping allowed.
2. The only rear suspension modifications allowed will be that of the 1998 and newer Ford (see above) all other must remain stock to that year/make/model of frame.
3. Steering columns and gear boxes may be replaced but may not strengthen the car in any way. No solid straight shafts.
4. Car must set level to the ground.

### **Cages and Driver Protection**

A four (4) point cage will be allowed but not mandatory. 3x3 1/4" bar maximum will be allowed. Bars are not to extend beyond 12" past front door seams. NO bars may extend up/down/forward/back of these bars. No gas tank protectors or roll over bars allowed.

### **Drivetrain**

1. Any engine/transmission/rear end is allowed. Swapping manufactures is ok.
2. Distributor protector will be allowed. It may only be mounted to the heads and intake. It may not be mounted to the block, transmission, or anything else. If it is deemed excessive, you will not be given the option to unbolt, you will be given the option to run the modified class. NO other protectors or cradles will be allowed.
3. OEM upper and lower motor mounts only. NO cradles or aftermarket mounting. No transmission braces.

4. OEM automobile drive shafts or slider shafts allowed. Drive shaft may not be used to strengthen car.
5. Any auto rear end (maximum 5 lug). No braces. No aftermarket axles. No leaf spring conversions.
6. Rear end may have brackets relocated to fit the car as long as it is done in a way not to strengthen the car or rear end.
7. Radiator must be in stock location or removed. Radiator must be securely fastened in a way that does not strengthen the car.  
No welding allowed.
8. Transmission coolers are not allowed.
9. All Cars must have stock type air cleaner, no open element air cleaners allowed. No additional holes in air cleaner housing

## **Welding**

1. Welding may be done to the body and frame as described below ONLY
2. OEM bumpers only. Bumpers may be welded for durability (seams, added plate, not solid, etc.). No sharp edges on bumpers.
3. Bumpers may have shock tubes or replacement shock tubes (no longer than 9") and must mount in the factory location.
4. Shock tubes can be welded to ensure the bumpers stay on the car. Hard nosing (welding bumper direct to the frame) is allowed.
5. Steel may be added to be able to weld in transmission cross member. Maximum 6" long may be used and may not be used to strengthen the car in any way.
6. Hood must be securely fastened by chain/wire/bolt in a maximum of 6 places. Sheet metal to sheet metal only.  
No welding on hood or mounting locations.
7. Doors may be welded OR wired OR chained but not a combination of each. Only 6" of continuous single weld may be used per each outside door seam. Driver's door may be welded solid.
8. Trunks or tailgates may be welded OR wired OR chained. Only 6" of continuous single weld per each seam.
9. No rear window bars allowed.
10. 1998 and newer Fords/Lincoln/Mercury may have a rear end brackets installed to mount rear end. Welded or bolted allowed, but may not be welded in a way to strengthen the car, only to mount the rear end. No solid suspension.
11. Lower motor mounts may be welded in as long as it does not strengthen the car.
12. Cage, frame (rust and bend repair), and body repair (see above)
13. NO other welding allowed to the body, frame, or suspension. If you do, you will not have the option of cutting, you will be asked to run in the modified class.

## **Modified Class Rules**

### ***In Addition to Standard Rules***

Any year original auto manufacturer-built sedan or station wagon only! No Trucks, Convertibles, Jeeps, Vans, Travelalls, Chrysler Imperial, Hearse, Surburban or Utility Vehicles allowed. Cars will not be allowed if damage is determined to be a safety issue.

Braces may be added and securely fastened behind drivers seat from door post to door post and/or A-Post to A-Post, to protect foot area.

**Welding allowed as described:** OEM bumpers or aftermarket bumpers built to factory specs and not made to a point in center. Frame and bumper seams may be welded, maximum 3" washer may be welded to frame. Door seams may be welded. Trunks must be opened for inspection or have 12" inspection hole located in center of trunk to verify that trunk is empty. Bumpers front and rear may be welded to frame rails, no added solid/filled in braces allowed. Floor boards and battery box may use 1/8" thick material to replace rusted areas. Motor mounts may be welded, no chains or bars welded to frame. No plating or stuffing to the body or frame rails. Bent frames will be allowed to weld 1/4" thick plate on damaged area not to exceed 2" on each side of bend. No stringers, no bars from interior or firewall forward or rear- ward.

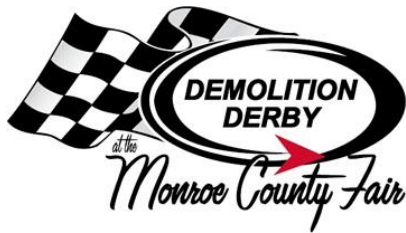
**Chains:** Chains will be allowed to close hood and trunk lids, two chains allowed front and rear. Doors may be chained closed at door pillar. No welding chains to door. Cutting holes in doors for chain attachment is permitted. Chains must be securely fastened. No chain or wire from rear end to frame. Hood bolt maximum 1", attached sheet metal to sheet metal, unless it is core support bolt. Two holes in hood, 6" holes one on each side of hood.

**Suspension:** Any stock type suspension allowed, must be active movement (must be able to bounce up and down). A- arms may be

cut at end to allow for larger ball joint. A-arm must be butt welded back together, no adding metal plates. Drop drag link is permitted. No partial or total welded solid suspension. Air shocks and spring assists are not allowed. Suspension must be within 2” of stock height. No lift kits. Rear suspension must remain stock. Spring must sit and stay in stock location on A-arm.

**Engine Area:** All cars must have stock type air cleaner, no open element air cleaners allowed. No additional holes in air cleaner housing. Exhaust must exit past driver floor area or exit thru hood. Exhaust pipes must not extend higher than roof height. No exhaust pipes allowed to run through driver’s area. **Engine cradles or aftermarket mounting devices allowed.** Radiators must remain in stock location. Mounts may be modified, but no strengthening core support. Replacing rusted core supports allowed, but not to exceed stock core supports.

**Body Mounts:** Body mounts must be in stock location, no additional body mounts allowed. Body mount attachments must use stock body mounts. Maximum 1” bolt diameter may be used. Maximum 3” washer allowed between frame and floor pan, 5” washer allowed on top of floor pan. Brackets used to attach gas tank cover will be considered body mount if attached to frame rail. No cable or wire can be used for body mounts. Bolting body panels is allowed, round headed bolts only, body to body only. No sharp edges.



# 2023 Monroe County Fair Demolition Derby Entry Blank Tuesday, August 1, 2023 One Show Only 7pm

### CAR ENTRY AND PIT ENTRY INFORMATION

- 1. PIT PASSES: \$20 per person and are for driver and race team members only, NO SPECTATORS. Not good for spectator reserved or general admission grandstand seating, only in pit grandstand on east side of arena, NOT GOOD FOR ADMISSION TO FAIR. Must sign Waiver and Release form upon entry to pit area. Anyone entering pit area under age of 18 must have Minor Release & Waiver signed by parent (available on the Monroe County Fair Website or at pit gate on Derby Day). Drivers under age of 18 must also have valid proof of age and fully executed Minor Release.
- 2. CAR ENTRY FEE: \$25 if received by Friday, July 28 by mail or at Fairgrounds office. Late entries of \$40 will be accepted after deadline at pit gate until start of Derby on Derby Day. Must register for heat race at time of pit pass sign-in on Derby Day. NO REFUNDS for any reason (fail inspection, mechanical failure, unable to start at time of race, etc). Car & driver must run in assigned heat race as registered unless permission secured at Scoring Stand. **All cars must be registered/inspected by 7pm.**
- 3. TO ENTER: Mail to Flat Rock Speedway, Attn: Shalene Williams, 7980 Lewis Ave., Temperance, MI 48182, or turn in at Monroe County Fair office.

### SCHEDULE, Tuesday, August 1, 2023 (Subject to Change Based on Car Count per class)

3:00 p.m.	Car inspection begins for all cars, pit pass registration, heat race registration opens
6:30 p.m.	Driver's meeting for ALL Drivers
7:00 p.m.	Start of Show – Stock Class Heats
8:00 p.m.	Kids Power Wheels Demo Derby
8:30 p.m.	Modified Class
9:00 p.m.	Last Chance and Feature Race

### DERBY RACE RULES

To be covered in detail at Driver's Meetings: Driver's door/head-on hits not allowed and may result in disqualification; Cars must hit/make contact with other running cars every 30 seconds or may be disqualified; Driver safety equipment will be rechecked as car enters track for race; Drivers qualified for feature may not run another heat in that class; Feature cars must have run in heat race.

### GENERAL

No alcoholic beverages or controlled substances allowed in pit, staging, track or grandstand area. All participants agree that decisions of the race officials (inspection, race procedure, scoring etc.) are final, and there shall be no protests. In keeping with the family theme of the Monroe County Fair, anything considered detrimental or negatively impacting the Fair will subject participants to disqualification/removal from grounds.

### FURTHER RULES/PROCEDURES GENERAL INFORMATION

Rules: Bobby Thomsen at (734) 206-4177, 9 a.m.-5 p.m. Monday-Friday or email [rthomsen@arcaracing.com](mailto:rthomsen@arcaracing.com) Info: Shalene Williams at (734) 206-4172, 9 a.m.-5 p.m. Monday-Friday or email [swilliams@marcumracing.com](mailto:swilliams@marcumracing.com)

### MONROE COUNTY FAIR PARADE

A limited number of entrants will be permitted to display in the Monroe County Fair Kickoff Parade Sunday, July 30. If interested in having a car in the Parade, email photo of car to [swilliams@marcumracing.com](mailto:swilliams@marcumracing.com) (must be registered for Derby). Limited, first come first served.

PRIZE MONEY									
HEAT RACES:		1st - \$75.00		2nd - \$50.00					
SPECIAL PLAQUE AWARD FOR HARDEST HIT IN EACH HEAT RACE									
BEST LOOKING CAR: \$75.00 (one per show)									
FEATURE PAYOFF INCREASED BY \$1,000 AS SHOWN BELOW BY DUNDEE AUTO PARTS AND SALENBIEN WELDING									
FEATURE:		1. \$1,750.00		4. \$100.00		7. \$100.00			
		2. 500.00		5. 100.00		8. \$75.00			
		3. 250.00		6. 100.00					
Drivers winning over \$600 must complete W-9 before payoff.									

Entry Form 2023 Monroe County Fair Demolition Derby: Semi-Stock & Modified Class									
Entry Fee \$25 per car. \$40 late entry fee per car (after Friday July 28)									
Date:		Car #		Class (check box):	Semi-Stock	<input type="checkbox"/>	Modified	<input type="checkbox"/>	
Name:				Phone:					
Email (Required):									
Address:									
City:				State:			Zipcode:		
I am enclosing \$_____ for _____ # of entry fee(s). Make checks payable to Flat Rock Speedway									
Signature:									

