

Metcalfe Fair Demolition Derby

Thursday, September 27, 2007

Rules (Revised on July 20 2007)

1. Drivers must be 18 years of age and have a valid drivers license. All persons on the Pit Crew must be 18 years of age.
2. Drivers must complete and sign an entry form, and waiver. (Drivers are responsible for ensuring that anyone around their car has signed the insurance waiver. Pit passes must be worn at all times. Failure to do so may result in disqualification)
3. You must pre-register for the derby either in person or by telephone. There will be no on site registration the night of the derby.
4. All drivers are responsible for supplying their own car.
5. Participants must register and have their car inspected at least one hour before the Demolition Derby (Inspections start at 5:00 PM).
6. No participants or crew member shall consume or be under the influence of alcohol or drugs. If so, they will immediately be escorted from the grounds and no refund will be provided.
7. The Metcalfe Fair Demolition Derby Director reserves the right to approve or reject any or all entries.
8. A driver's meeting will be held at 6:45 PM at the official's stand. (MANDATORY)
9. Running and safety rules will be explained at the mandatory drivers meeting.
10. No fighting or arguing with officials or other participants will be tolerated. Any instigators will be escorted from the grounds.
11. Only the driver and two pit crew members are allowed in the pit area. All others including family and friends shall remain in the stands outside the restricted area.
12. No Vehicles older than 1980. (4 cylinder cars entered in the 4 cylinder class are exempt from this rule)
13. Any demolition derby vehicles left on the Fair Grounds after 10:30 p.m. on Thursday September 27, 2007, will automatically become property of the Metcalfe Agricultural Society and will be disposed of in a manner which the Agricultural Society deems fit.
14. Vehicles other than those registered to participate in the derby are not permitted in the Pit area.
15. All drivers must wear CSA approved helmet, and must have a safety strap around chin secured.
16. NO shorts: drivers must wear coveralls and safety footwear.
17. NO trucks, convertibles, jeeps, vans, hearses, limousines or checker cabs.
18. Cars previously run in demos may be considered too battered and unsafe, resulting in disqualification.

The Metcalfe Fair, Metcalfe Fair Board of Directors, Members of the Metcalfe Agricultural Society, and Organizers will not be responsible for any damages, injuries, or Personal Liability incurred by Participants of the event.

Competing Vehicle Requirements (Revised on July 20 2007)

1. All cars must have working seat belts.
2. FLAMMABLE MATERIAL Seats & trim - All must be removed from the vehicle except driver's seat and dashboard.
3. TRAILER HITCH Must be removed and all sharp edges must be mashed down prior to derby event.
4. GLASS/AIRBAGS All windows, mirrors, airbags & trim, must be removed prior to derby event.
5. DOORS & NUMBERS Driver & Passenger doors must be PAINTED WHITE. An optional roof number plate may be securely installed.
6. FIRE EXTINGUISHER Must be within reach of the driver, must work and have a working gauge.
7. BATTERY One 12 volt car battery must be moved to front passenger floor board and securely fastened in a box/container clear of all fuel sources. Following inspection it must be covered with a non-flammable shield.
8. GAS TANK Stock gas tanks must be removed. Must be a steel marine tank, custom steel fuel tank, or certified racing fuel cell. No plastic tanks. All tanks must be securely fastened down (bolted) in the middle of the back seat area. Maximum 3 gallons gas.
9. FUEL LINES All fuel lines must have leak proof fitting with steel or rubber lines. No exceptions.
10. ELECTRIC FUEL PUMP Must have a safety shut off switch (punch button), marked in red located on roof in center of the windshield area for officials use.
11. FUEL SYSTEM Electric fuel pump must be isolated with a non-flammable material covering lines, tank & pump. Non-flammable covering may be fire resistant blanket or air bag material.
12. HOOD & TRUNK A 12" opening must be cut in hood over carburetor (not over fan). Hood must be fastened down in maximum of 6 places with seat belt strapping, wire or 1/4" chain only. Trunk/tailgate to be fastened down in same way or may be welded using 6 – 3" square plates. If trunk is welded a 16" square hole must be cut in top of trunk for officials' inspection. Hoods are mandatory at the beginning of the derby but if has become too damaged for feature heat, the hood & motor fan must be removed before entering the pen.
13. BODY PANELS Metal may be cut from around wheels for clearance. Front & rear quarter panels may be bolted with up to 5 bolts per panel - maximum 3/8" bolt.
14. DOOR FASTENING Driver's door may be welded solid. All other doors must be fastened shut with wire, straps, 1/4" chains or spot-welded 1" every 12" or 6 – 3" square plates welded on per door. Solid driver's door window screens are not recommended..
15. BRACING Outside of car may have a 12" X 72" X 1/4" max steel plate applied to driver & passenger doors, bolted in 4 locations (with a maximum 1/2" through bolt) & spot welded 1" every 12". NO "C" CHANNEL OR ANGLE IRON.
16. ROLL BAR Single roll bar up each doorframe, inside or across outside of the roof. Roll bars going across the roof must be through bolted twice through the roof for driver & spectator safety. This roll bar may be welded or bolted to the frame or rockers. An

additional bar may be added behind the seat welded or bolted from roll bar to roll bar. Recommend 3" to 4" square tubing or pipe.

17. WINDSHIELD SPACE Must have a minimum of a single steel bar or chain from the cowl to the roof bolted or welded. The "A" or "H" style protection is permissible but the bars must look like the A or H. The cross brace must be in the middle and in no way come in contact with the distributor protector. The horizontal bar must be a minimum 8" from cowl. If using the "A" it may be welded or bolted in 3 locations. If using the "H" it may be welded or bolted in 4 locations & be no more than 36" in width. Driver must not be impaired from exiting through window area of car in case of emergency.
18. DASH BAR Absolutely no bars across the dash.
19. INTERIOR MODIFICATIONS No welding of any inside body support seams or firewall seams. All holes in firewall must be covered with a non-flammable material. Large holes in car floors must be repaired with same gauge metal and securely fastened. No reinforcement.
20. BUMPERS Only 1980 and newer car bumpers can be used in the pro class. No switching front bumpers for rear bumpers. Front & rear bumpers may be mashed in so not to catch on other cars. Bumpers must not be wired to the hood/trunk. Excessive use of material will be asked to be removed. Hoods/trunks may not be wired or welded to bumpers. No loading of bumpers. Officials may request a hole be made in bumper for inspection.
21. FRONT GRILL No screens allowed. (Stock A.C. condensers permitted in original position.)
22. RADIATOR Must be flushed of anti-freeze and replaced with water only. Overflows must point straight down or positioned so not to harm other drivers & spectators. Floating rad cradles will be allowed – NO reinforcement.
23. TRANSMISSION COOLER Is permitted and must be secured in engine compartment. Transmission dipstick must be securely fastened, wired down or have an overflow tube pointing straight down away from drivers or spectators. OR May be re-located to directly behind driver seat, bolted to the back bar and completely covered to the floor with a tin shroud. A minimum of two 1" holes must be made in the floorboard directly below cooler for drainage. Hoses must run straight down under driver seat and be completely covered with non-flammable material. Hose spec: 2500psi single braid hydraulic hose with pressed fittings only, must be rated for 250°F+. Hydraulic hoses must be marked as such by manufacturer. Hydraulic hoses must have pressed fittings only. No other fittings acceptable.
24. DISTRIBUTOR May be protected. Fresh cars must have 1" away from the firewall. Excessive material will be asked to be removed.
25. SUSPENSION Suspension must remain stock (movement must occur). Broken or sagging parts may be replaced. It is recommended that rear coil be wired to differential. No spring blocks or added helpers. Rear ends can be exchanged (5 bolt pattern car rear ends). Rear control arms can be changed. Rear differential cannot be protected or reinforced. Gears may be welded. Steering columns, drive shafts and rear sway arms may be altered but not reinforced. Ball joints, tie rods, control arms and steering linkage must remain stock. NO REINFORCING ALLOWED. Trailing arms must be made of trailing arm material- no square tubing material.
26. HEADERS Must be secure, must point upwards and not at other drivers/spectators. Must be a reasonable length or will be asked to be cut or removed. Official's discretion.

27. **FRAMES** No welding of frame seams top or bottom. Rusty or bent frames may be repaired with steel no thicker than factory and no longer than 4" on 2 sides only. Over repaired frames will be considered reinforced and will result in alteration or disqualification. Official's discretion. Frame repairs must be painted bright orange before arriving for derby event. All repairs to the frames must be reported to officials before inspection. If not – may result in disqualification.
28. **DRIVETRAIN PROTECTORS** Protectors may only be fastened to motor or transmission (NO FASTENING TO FRAME OR BODY).
29. **MOTOR MOUNTS** Stock mounts may be welded or chained. Any excessive or added mounts will result in disqualification.
30. **BODY MOUNTS** All rubber stock body mounts and stock size bolts must stay in place. Increasing bolt size is not allowed. Max flat washer size – 3". Four (4) additional body mounts up to ¾" inch threaded rod are allowed, placed strategically where desired or replace existing body mounts. Two threaded rods are allowed for the rad cradle that is not included in the additional 4.
31. **TIRES** Maximum 16" D.O.T. Tires must be low aggression. No forklift tires or solid fill tires. All tires must be filled with air only. Tires may be doubled. No split rims. No screwing tires to rim or studding. All wheel weights must be removed and no welding stem protections. Carry spare 16" D.O.T. mud tires in case track conditions warrant.

DRIVERS PARTICIPATE AT THEIR OWN RISK, and the Metcalfe Agricultural Society will not be responsible for any accidents, injuries or personal liability. Demolition derbies are hazardous and high-risk sport; therefore anyone with a health condition ie: concussions, heart problems etc. or who is pregnant should not compete.

Grounds for Disqualification Breaching a barrier perimeter, ignoring flagman's direction, non-compliance of regulations, use of alcohol or drugs, exiting pit/exhibition area with registered derby vehicle, hitting a competitors door, carrying debris or excess parts in your vehicle, cutting pit perimeter fencing and/or fighting.

For general information and registration, please call the Fair office at 613-821-0591.

For technical information please contact the Demolition Derby Director, Gary Chouinard at 613-821-0016.

Good Luck!