



“Making an Impact at your Event”

## **IMPACT FIGURE 8**

NO CHANGES OR ALTERATIONS OF RULES TO BE MADE EXCEPT BY IMPACT MOTORSPORTS.

PLEASE CHECK AND VERIFY YOU ARE USING THE MOST UP TO DATE SET OF RULES. THE MOST RECENT CAN BE FOUND AT

[www.impactmotorsports.ca](http://www.impactmotorsports.ca)

### **NO REFUNDS**

IMPORTANT: Each driver, mechanic and any pit crew must sign in at the registration desk on the day of the show. Drivers must bring their cars to inspection to have their cars inspected.

DRIVER MUST ATTEND THE DRIVERS' MEETING PRIOR TO DEMOLITION DERBY OR DRIVER WILL BE DISQUALIFIED.

I have read the rules and acknowledge to have received a copy and agree that the decision of the Judges is final. I agree to participate at my own risk. It is a condition of my participation in the contest that I sign a further release of liability in the form to be supplied by Impact Motorsports and I agree to sign such a release.

**SPECIAL NOTICE: NO ALCOHOL OR DRUGS ALLOWED IN ANY RESTRICTED (PIT, HOLDING OR PERFORMING) AREA. ANY VIOLATIONS WILL RESULT IN DISQUALIFICATION OF CAR, DRIVER AND CREW. THERE ARE NO REFUNDS FOR NOT FOLLOWING THIS RULE!!!**

DRIVERS and MECHANICS are subject to and must obey the following rules and regulations which are set up by the promoter and the track where this event is being held:

1. The original registered driver must drive the registered vehicle for the entire event. No substituting drivers.
2. Impact Motorsports or promoter reserves the right to approve or reject any and all entries, drivers or pit people.
3. Only the driver and mechanic who sign the release sheet will be permitted in the pit area or on the track. The driver will receive free admission to the grounds with their entry. All drivers, mechanics and pit people must wear supplied pit passes at all times. Failure to do so may result in ejection from the event or grounds.
4. Impact Motorsports, the promoter, track owner or fair association, will not be held responsible for any loss or damage to any cars, trucks, parts or personal property before, during and after the show.
5. It is highly recommended that each competitor carry their own liability insurance.
6. Drivers and mechanics should report to the Impact Motorsports sign-in area at a minimum of 1.5 hours before the scheduled start time.
7. Drivers and mechanics are in the pit area at their own risk.

#### **TYPE OF CAR**

Any 4 cyl hardtop automobile or station wagon. 4-cylinder cars have no wheelbase limit. You may run 6-cylinder cars up to 107" wheelbase. Full driver's cage permitted for figure 8 cars only. No AWD vehicles, you'll need to remove a driveshaft.

Cars previously ran may be considered too battered and unsafe, resulting in disqualification.

If there is any question regarding the participant's vehicle it is the driver's responsibility to prove make, model, year, engine etc.

## RUNNING

**Risk:** Demolition derbies are hazardous and high-risk sports; therefore, anyone with a health condition, i.e., concussion, heart problems, or who is pregnant should not compete. You are competing at your own risk.

**Protect yourself:** Work Boots, sport equipment such as, neck brace, knee pads, shoulder pads, hip pads etc. are recommended. No bare exposed skin. All drivers **MUST** wear long pants/coveralls as well as long-sleeved shirts. No exceptions. Working seat belts and racing helmets are mandatory. Helmets **MUST** have chin straps. Goggles or face shields are recommended.  
**\*\*No motocross style visors\*\***

**BRAKES:** Vehicles must have dependable brakes and must be working properly before entering RING at all times. All boundaries must be observed.

**NO DRINKING OF ALCOHOLIC BEVERAGES ON TRACK, EMERGENCY VEHICLE AREA OR IN THE PIT AREA.** Any driver or pit person under the influence of alcohol or drugs allowed in the pit area. This will be strictly enforced.

Careless driving in the pit area could result in disqualification. All cars are to be removed from the fairgrounds or racetrack immediately following the show. Additional safety regulations may be imposed, depending on track and conditions.

**PREPARATION OF CAR – REMOVE OR CONVERT THE FOLLOWING PRIOR TO ARRIVING AT FAIRGROUNDS OR TRACK**

### 1. INSURANCE

ALL drivers and pit people **MUST** sign the event insurance waiver. Failing to do so will result in disqualification. Pit passes must be worn at all times.

### 2. FLAMMABLE MATERIAL:

All carpet, headliner, door pads and ALL other flammable material **MUST** be removed from inside of car. The front seat and dashboard may be left in place. It is mandatory that front and rear bumper covers are removed.

### 3. TRAILER HITCH:

Must be removed and all sharp edges must be smashed down prior to the derby event.

#### 4. GLASS/AIRBAGS:

All windows, mirrors, airbags & trim, must be removed prior to the derby event. No loose glass smashed into the bottom of doors. DRIVERS SAFETY

#### 5. DOORS / NUMBERS:

A mandatory roof number plate must be securely installed. There is no limit on driver's door protection. You MUST have your number clearly marked on both sides of the car with contrasting paint. Failure to do so will result in your car not being counted.

#### 6. FIRE EXTINGUISHER:

Must be within reach of the driver, must work and have a proper working gauge. Please check the gauge on the extinguisher before arriving for the event.

#### 7. BATTERY:

One 12-volt car battery may be moved to front passenger floorboard and securely fastened in a box/container clear of all fuel sources. Following inspection, it must be covered with a non-flammable shield such as rubber mat or steel cover OR be left in stock position, covered with a floor mat.

#### 8. GAS TANK:

Stock gas tanks may be removed. Must be a steel marine tank, custom steel fuel tank, or certified racing fuel cell. All tanks must be securely fastened down (bolted) in the middle of the back seat area. The tank must be covered with a non-flammable material (rubber mat) after inspection OR be left in stock position. Maximum 3 gallons. No movement to occur during inspection. Leaks will result in disqualification. If the tank is left in stock position, an additional strap needs to be in place to hold tank. No

#### 9. FUEL LINES:

All fuel lines must have leak proof fitting with steel or rubber lines (no clear lines). No exceptions. Lines should run inside the car. Leaks will result in disqualification. All connections MUST have hose clamps to eliminate fuel leaks.

#### 10. ELECTRIC FUEL PUMP:



Must have a safety shut off switch marked in red located on roof in center of the windshield area for officials use. Switch to control fuel pump only. Driver's safety. MANDATORY. This rule is for fuel injected cars only.

#### 11. HOOD & TRUNK:

Hoods are not mandatory. Without hood – use electric fan only - fans directly connected to motor must be removed. With hood - a 12" opening must be cut in the center of the hood. Hoods must remain open for officials' inspection. Hood must be fastened down in maximum of 8 places including threaded rod or with seat belt strapping, wire, 1/4" chain only, or bolted to fender. Hood latch should be removed. No welding hoods closed. Hoods can be wired to bumper in 2 places. Maximum of 4 spots with threaded rod maximum of 3/4 inch holding the hood shut. Max washer size 4X4. Trunk/tailgate to be fastened down in same way as hood or may be welded using 8 – 3" square plates. If trunk is welded closed a 16" square hole must be cut in center of trunk for officials' inspection. Trunks/gates can be fastened closed in maximum of 8 places including wired in 2 places to rear bumper. Maximum of 2 spots with threaded rod maximum of 3/4

#### 12. FIREWALL:

Any holes must be covered with non-flammable material.

#### 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" bolts. Body panels may be shaped but not reinforced. No tire cutters. If the car comes with a plastic rad support, it can be remade out of angle iron (max 2x2x1/4").

#### 14. DOOR FASTENING:

Driver door must be reinforced and can be welded solid. All other doors must be fastened shut with wire, straps, ¼" chains or spot-welded, 1" every 12" or 6 - 3" square plates welded.

#### 15. BRACING:

Outside Car: Driver doors must be reinforced. Recommend flat bar only bolted 8 times (with a maximum ¾" through bolt) spot-welded 1" every 12" on each side of vehicle, e.g., Max. 60" long x 12" wide x ¼" thick. Beveling allowed. NO "C" CHANNEL OR ANGLE IRON. Not mandatory.

#### 16. ROLL BAR/CAGE:

Inside Car: Roll cage highly recommended. No tip outs or kickers off the top of the halo bar or uprights, must be at a 90 degree. Cage inside not to extend past the rear strut towers and not to extend past the firewall. Engine bay may have cage around the outside under the fenders connecting to rad support. Must not be visible with the hood closed. You may tie the cage into frame.

#### 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. BUMPERS:

1. Appropriate size car bumper, not to extend past middle of the front wheels.
2. Front bumper may be welded to the frame up to 6" from the back of the bumper.  
NO tube bumpers or home-made bumpers allowed.
3. No cutting of bumpers – may be bent inward.... must have smooth edges ...no tire cutters!
4. Bumpers can be wired to hood in two spots.
5. Bumpers may be fully loaded and seam welded.
6. Mandatory that front and rear bumpers tied up with wire, chain, or seat

#### 19. FRONT GRILL:

Screens allowed, bolted or welded to rad cradle only. (Stock A.C. condensers permitted in their original position.)

#### 20. RADIATORS:

1. Radiators and cooling systems must be flushed of anti-freeze and only water added.
2. Overflows for radiator must point downward to the ground.
3. Floating or leaned back rad cradles are accepted.
4. If the rad is relocated, all hoses must be run through PVC pipe in case of rupture. All hoses must be double clamped and have no leaks. If rad is relocated to backseat area you must have a splash shield to protect the driver. Overflow must go through the floor onto the ground.

#### 21. TRANSMISSION COOLER:

Are permitted. They may be located inside the car. All cooler lines must be hydraulic lines with leak proof fittings. Transmission dipstick must be securely fastened, wired down or have an overflow tube pointing straight down away from drivers or spectators.

#### 22. 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.

#### 23. HEADERS:

Headers must point straight up.

24. FRAME ALTERATIONS:

The front frame may be reinforced within reason. Tube inside frame rails or plate on the outside, not both. K frame may be reinforced. You may tie the cage into the frame.

25. ENGINE MOUNTS:

Welded solid or chained down engine mounts are recommended.

26. TIRES:

Any tire may be used on drive tires. All drive tires must be filled with air only. Tires may be doubled. No split rims. No bead locks or bead protectors, "lip rings" will be allowed if securely fastened. No screwing tires to rim or studding. All wheel weights must be removed and no welding stem protectors. Carry spare mud tires in case track conditions warrant. NO triple sidewalls on drive tires. Rear tires may be solid, foam filled or

27. FIGURE 8 RACE:

Absolutely no deliberate demolition derbys – this will result in disqualification. You must continue to follow the figure 8 formation.

**"Official's Decision is Final"**

For questions relating to these rules please contact Kent Taylor or Reg Bonneau on Facebook or send a message to [impacttechrules@gmail.com](mailto:impacttechrules@gmail.com)

[www.impactmotorsports.ca](http://www.impactmotorsports.ca)

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