

MHARA Demolition Derby

General Demolition Derby Rules & Regulations

1. **Anyone under the influence of drugs or alcohol will NOT be permitted to drive.**
 2. **Any individual who is directly related to the event e.g., promoter, judge, technician, etc. must have their vehicle(s) inspected and approved by all the drivers within their class to ensure impartial participation.**
 3. Cars must be derby ready for best dressed.
 4. Intentional hit on driver's door will result in an automatic **DISQUALIFICATION** (Judge's discretion)
 5. When a vehicle becomes disabled or timed out, drivers must break marker stick and remain **IN** vehicle until heat has ended.
 6. Once marker stick has been broken off a vehicle, that vehicle becomes **UNTOUCHABLE**, an intentional hit on an untouchable vehicle will result in automatic **DISQUALIFICATION** (Judge's decision)
 7. A horn will indicate **START, FINISH**, and will also indicate an **EMERGENCY**. All vehicles must **STOP** and/or leave the track as directed by one of the judges or officials
 8. All cars must have an assigned number on the roof (Minimum size 12" x 12")
 9. There is a **90 SECOND** rule in place. Drivers must **START** stalled vehicles and make a hit within the 90 second time frame, or you will be **DISQUALIFIED**.
 10. There will be absolutely **NO** stopwatches or headsets permitted in the car with the driver
 11. There is a **2 FIRE RULE** at the judge's discretion. If there is no potential driver hazard and such the driver will be allowed to continue, keeping in mind the 90 second rule. Once a 2nd fire, you will be **DISQUALIFIED**.
 12. If a vehicle has **ROLLED OVER**, the driver may continue in the heat at the judge's discretion. The judges will look for potential driver hazards such as crushed roof, spillage of fuel, etc. Keep in mind the 90 second rule (s. 9) applies once the heat has started again.
 13. Last aggressive hit will win the heat. (judge's decision)
 14. All vehicles must be inspected for safety, prior to the start of the derby. Absolutely **NO** after factory reinforcements will be permitted. **ALL** cars winning their heat will be taken aside immediately after the heat and picked up and inspected for any reinforcing. If any reinforcements are found, the car is **DISQUALIFIED** and final positions will be adjusted (e.g. if first is disqualified, second place advances to first place)
- ***Inspection will be done on site the day of the derby 12:00PM – 4:00PM*****
15. **JUDGES DECISION WILL BE FINAL**
 16. The entry fee for buy back will be \$25

8 CYLINDER RULES & REGULATIONS

1. Safety for spectators, officials, drivers, and crews is our first concern. Fire, flying debris, and impact injuries. Keep these thoughts in mind when you are stripping and building your car.

2. Open to any make or model of car – foreign or domestic. **EXCEPT** the following:
 - Convertibles
 - Vehicles with T-tops
 - Ambulance
 - Hearses
 - Chrysler Imperials – This **INCLUDES** imperial sub-frames
 - Pre- 1970's Lincoln Continentals There will be **ZERO** tolerance.

3. Mandatory Stripping of a Car:
 - Remove all glass, lights, lenses, mirrors, and hardware.
 - Remove all body trim, hubcaps, and exterior ornaments.
 - Remove fuel tank.
 - Remove trailer hitch and all mounting hardware.
 - Remove all interior upholstery, plastics, carpet, and trim **EXCEPT** front seat.
 - Prior to tech inspection car **MUST** be cleaned of all loose objects, glass, and debris.

4. Building a Safe Competitive Car:
 - The event technician's decisions will be final.
 - Drivers directly related to the event must have their vehicle(s) inspected by the drivers within their class.
 - **There will be NO WELDING on the car EXCEPT where specified – even as a field repair.**
 - **There will be NO reinforcement EXCEPT where specified.**
 - **If it doesn't say it's ALLOWED, then it's NOT allowed.**
 - All vehicles will be checked for working brakes (**Must be able to stop the car**)
 - Mandatory seat belt – Lap belt is minimum requirements.

5. Window areas:
 - Driver's door may have a net or metal lathe installed; bolted only on one side (e.g. top or bottom, not both.) Must be quick release for easy access and exit of the vehicle in case of emergency
 - Windshield area may have metal lathe installed but only bolted to the vehicle, and only on one side (e.g. top or bottom, not both.)
 - Maximum of two (2) windshield bars may be installed. Bolted only with one bolt on either end of a reasonable size.
 - Maximum of one (1) rear windshield bar may be installed. Bolted only with one (1) bolt on either end, top through roof, bottom to speaker deck only. This applies to sedans only, wagons not applicable.

6. Doors and Door Reinforcement:

- We will allow almost a cage built around the driver from sturdy, easily assembled material bolted to the car body **ONLY**. Bars may be welded to each other.
- Interior cages will be allowed however, no downpipes allowed in line with the frame front rear or side. Interior cages must be bolted to the car. No welding to body panels, floor, or roof.
- As a minimum, the drivers' door **MUST** be reinforced with a max of 2"x12" and a minimum of 2"x4" Channel Iron, I-Beam, or Box Steel. 3/16" minimum thickness and a maximum of 76" long.
- Ends of the bars must be chamfered, beveled, or rounded.
- Door bars must be bolted **ONLY** with a minimum of four (4) 3/4" bolts through the entire door/doorpost or fender with a good size washer. (1" Bolt recommended)
- Door bar can extend 8" maximum ahead of the front fender/door seam.
- When placing bolts be mindful of driver movement inside vehicle.
- Remember, if the **DRIVER'S** door bar falls off – you are automatically disqualified from your heat.
- All doors must be bolted or chained. Bar clamps are acceptable.
- Passenger door bar attached in a similar way as above. This bar is optional.
- Cross bar behind the drivers' seat is strongly recommended.
- Head rest optional but **MUST** be secure.
- It is also recommended that the cage, door, and the steering wheel be padded around the driver.

7. Rollover Protection:

- Rollover protection is **Mandatory**: Single or double pipe upright behind seat must be bolted **ONLY** through roof and floor and must be secure.
- Halo bars are also acceptable.
- Rollover bars may also be integrated with driver's cage but may only be bolted to the vehicle and **NOT** attached to the frame.
- Remember that driver protections are for protecting the driver, not strengthening the car.
- For gas tank protector information, refer to rule 12. fuel system.

8. Hoods:

- Car hoods are mandatory.
- Hood must have a large enough hole suitable for fire extinguishing.
- Hood must be bolted in a minimum of four (4) places and maximum of six (6). Two (2) of the six (6) bolts may go through the frame.
- Hoods may have a reasonable number of skin bolts.
- Maximum bolt size 1 1/4"; minimum bolt size 3/4".
- Maximum washer size 5"x5" or 25 sq. inch.

9. Trunks:

- Trunk lids are mandatory.
- Trunk lids may be "tucked" or inverted but must still follow all the same guidelines for number and placement of bolts.
- Must be bolted in minimum of two (2) places to a maximum of six (6) places. Two of the six bolts may go through the frame.
- Bolts, Chains or #9 wire are all acceptable trunk fastening material.
- Station wagon end gates secured with maximum of 4 chains. Bumper may be chained.
- Maximum bolt size 1 1/4"; minimum bolt size 3/4".

- Maximum washer size 5"x5" or 25 sq. inch.
- A reasonable amount of trunk skin bolts will be permitted.

10. Battery:

- Must be relocated to the passenger side floor securely fastened by nuts, bolts, and washers.
- Battery **MUST** be covered by a rubber mat or in a marine battery case.
- Maximum two (2) 12volt batteries.

11. Electric Switches:

- If used must be uniformed. Up/forward for on, down/back for off.
- It is strongly recommended that any electrical system used be fused.

12. Fuel System:

- Fuel leaks or potential leaks will **NOT** be tolerated.
- Fuel tank can be boat, snowmobile, or fuel cell. Five (5) gallons capacity maximum located in the rear seat area of the car securely mounted with nuts, bolts, washers, metal straps, and ratchet straps. **NO** screws or bungee cords. **NO plastic boat tanks.**
- Hole(s) must be cut in the floor near, around or under the gas tank for drainage.
- **MUST** have floor pan plugs removed.
- Fuel lines entering through the firewall into the passenger compartment must be approved metal lines securely fastened with short rubber connections.
- Fuel pump type is optional.
- Canadian pump gas **ONLY** – **NO ADDITIVES.**
- Gas tank protectors connected to rear pipe must not be closer than 4 inches to interior sheet metal and **May Not** be in line with the frame and must not exceed 36 inches wide

13. Cooling System:

- Must remain stock or be removed.
- Anti-freeze **MUST** be drained, and radiator filled with water only.
- Fan type optional.

14. Air Intake and Exhaust System:

- Must have an air cleaner assembly with a filter element to act as a flame arrest.
- Exhaust must exit the engine compartment through the hood or out the bottom – manifolds alone are **NOT** enough.

15. Bumpers:

- Bumpers may be switched from any year, make and model, front to front and rear to rear only.
- Bumpers may be swapped from any year using auto mounts (no thicker than 3/16" material)
- Bumpers may be inverted and trimmed.

- Bumpers may be welded to bumper brackets and bumper brackets welded to frame; or bumper may be welded to bumper bracket and bracket bolted to frame with a maximum of two 3/4" bolts added per side. NOT BOTH.
- Bumper shocks may be collapsed and welded.
- NO ADDED material. Such as: Fishplates, Angle iron, or pipe. WELDING RODS ONLY.
- Two (2) single wrapped chains on each bumper – may be used for support ONLY.
- Maximum bumper height from the ground to the bottom of the bumper is 19 1/2". (Tech Officials Discretion)
- No truck bumpers.
- Material may not be added, amount of weld is at tech's discretion (object of welding bumpers is to keep debris out of ring – not to build a battering ram).

16. Tires and Rims:

- Weld in wheel centers are permitted. Maximum 8" center.
- Rim **CANNOT** be altered, modified, or reinforced excluding wheel centers and valve stem protectors.
- **NO** split rims are allowed.
- Valve stem protectors and tubes are acceptable.
- Maximum tire height of 31".
- Tires may be doubled.
- Flappers are permitted.
- No studded tires.
- Air only in tires. **NO** additives, liquids, solids, or fillers.
- Wheel wells may be trimmed for clearance. Skin bolts may be added to a maximum size of 1/2 inch bolt to a maximum of five per fender well
- All wheel weight must be **REMOVED**

17. Engines, Transmissions, and Differentials:

- May be interchanged, Chevy to Mopar, etc., but must remain in the stock position (Judge's discretion)
- Motor mounts must be **two independent** (not connected) mounts. A reasonable amount of modification to mounts may be allowed for swapping purposes only.
- Motor mounts may be welded on **3 sides ONLY**.
- Transmission Crossmember must be **BOLTED ONLY** to the frame.
- Transmission may be bolted, chained, or wrapped to crossmember.
- **NO TRUCK DIFFERENTIALS**
- Motor mounts and transmission mounts may be chained.
- Shifter type optional.
- Differential may be locked.
- Drive shafts may be shortened, and U-joints tack welded. CV joints are acceptable.
- **Slider Driveshafts permitted.**
- Firewalls can be hammered back or cut away for distributor clearance.
- Transmission cooler optional. **MUST** be mounted under the hood in front/behind the rad or in the passenger compartment securely fastened with approved steel lines and adequate drain holes in floor.
- Optional 3/4" hose on transmission dipstick.
- **Reinforcement of oil pan and transmission pan is prohibited.**
- **Engine protectors or engine cradles are prohibited.**
- Transmission crossmember **MAY NOT** be bolted to floor or body

18. Steering and Suspension:

- Air shocks will be allowed. **NO** rigid suspension will be tolerated.
- Rear lower trailing arms may be shortened.
- Rear coil springs may be chained, or tack welded to the differential **ONLY**.
- Rear leaf spring banding and shackle length optional.
- Dropping of center link is **OPTIONAL**.
- Air bags are prohibited.
- Steering columns may be lowered.
- Double knuckle steering shaft may be used.
- Spring packs must remain stock (extra leafs may not be added) Max 9 leafs with stock stagger.
- Spacers between diff and spring pack is prohibited.
- Rear leafs may be banded or shackled with a maximum of 3 per side (3 on driver's side, 3 on passenger side).
- Movement of spring mounts is prohibited.
- Reinforced (Aftermarket or homemade) tie rods, tie rod ends, sleeves, center links, control arms, etc. are prohibited.
- Tagging a-arms allowed (A-arms may be welded together in 2 points per side with a maximum of 2"x 4" plate no more than .25" thickness)

19. Frames:

- Frames may be cut or notched.
- **Vehicle frame may not be welded, seam welded, plated, or repaired with foreign material** except where specified (i.e.: bumper brackets, motor mounts)
- **Damaged or rusted out frames maybe repaired if, and only if approved in advanced by the event technician.**
- 2 repair plates 6x4x3/16 per corner to repair Rusted or pre-run, pre-bent frames **ONLY**. Doors, Trunk and Hood may be stitched in 6 spots 6 inches of weld minimum 6 inches apart

20. Paint and Body:

- **Drivers' door must be painted white.**
- White vehicles are prohibited.
- Car can be any other contrasting color(s).
- No profanity as part of decoration or the advertising will be tolerated
- No cloning of paint jobs if you enter more than one (1) car.
- Roof signs are acceptable but **MUST** be bolted securely.

If your vehicle is illegal, entry fee will **NOT** be refunded.

MHARA reserves the right to alter, amend, add, delete, or modify these rules at any time without prior notice.

*****Please Note: These rules were designed for fair play, sporting, no advantages, or disadvantages to first time drivers, or veterans.**

SMALL CAR RULES & REGULATIONS

1. Safety for spectators, officials, drivers, and crews is our first concern. Fire, flying debris, and impact injuries. Keep these thoughts in mind when you are stripping and building your car.
2. Open to any make or model of car – foreign or domestic rear wheel drive with a 107” wheelbase or less OR a foreign or domestic front wheel drive with 113” 4- or 6-cylinder engine, automatic or manual transmission. **EXCEPT:** All wheel drive, Convertibles or T-Tops
3. Mandatory Stripping of a Car:
 - Remove all glass, lights, lenses, mirrors, and hardware.
 - Remove all body trim, hubcaps, and exterior ornaments.
 - Remove fuel tank.
 - Remove trailer hitch and all mounting hardware.
 - Remove all interior upholstery, plastics, carpet, and trim **EXCEPT** front seat. Dashboard may stay in.
 - Prior to tech inspection car **MUST** be cleaned of all loose objects, glass, and debris.
4. Building a Safe Competitive Car:
 - The tech judge’s decisions will be final.
 - There will be no welding on the car.
 - There will be no reinforcement **EXCEPT** where specified.
 - If it doesn’t say it’s **ALLOWED**, then it’s **NOT** allowed.
 - All vehicles will be checked for working brakes (**Must be able to stop the car**)
5. Window areas:
 - Drivers’ door may have a net or metal lathe installed, Bolted only on top or bottom, not both. Must be quick release for easy access and exit of the vehicle in case of emergency
 - Windshield area may have metal lathe installed but only bolted to the vehicle, and only on one side, ex.) Top or bottom, not both. (Again, for ease of access and exit in case of emergency)
 - Maximum of two (2) windshield bars may be installed. Bolted only with one bolt on either end of a reasonable size.
 - Maximum of one (1) rear windshield bar may be installed. Bolted only with one (1) bolt on either end, top through roof, bottom to speaker deck only. This applies to sedans only, wagons not applicable.
6. Doors and Door Reinforcements:
 - We will allow almost a cage built around the driver from sturdy, easily assembled material bolted to the car body **ONLY**. Bars may be welded to each other.
 - As a minimum the driver’s door **MUST** be reinforced with 2”x 6” Channel Iron, 6” I–Beam, or 2”x6” Box Steel. 3/16 minimum thickness for a maximum of 76” long.
 - Ends of the bars must be chamfered, beveled, or rounded.
 - Door bars must be bolted **ONLY** with a minimum of four (4) ¾ “bolts through the entire door/doorpost or fender with a good size washer.
 - Door bar can extend 8” maximum ahead of the front fender/door seam.
 - Placement of bolts; Beware of drivers’ movement inside vehicle.

- Remember, if the **DRIVER'S** door bar falls off – you are automatically disqualified from your heat.
- All doors must be bolted or chained. Bar clamps are acceptable.
- Passenger door bar attached in a similar way as above. This bar is optional.
- Cross bar behind the driver's seat is strongly recommended.
- Head rest optional but **MUST** be secure.
- It is also recommended that the bars door and the steering wheel be padded around the driver.

7. Rollover Protection:

- Rollover protection is **Mandatory**. Single or double pipe upright behind seat must be bolted **ONLY** through roof and floor and must be secure. ● Halo bars are also acceptable
- Rollover bars may also be integrated with drivers' cage but may only be bolted to the vehicle and **NOT** attached to the frame.

****Remember this is for driver protection, not structural reinforcement of the car.**

8. Hoods:

- Car hoods are mandatory.
- Hood must have a large enough hole suitable for fire extinguishing.
- Hood must be fastened with a minimum of two (2) chains.
- NO bolts allowed ahead of the rad support.
- Maximum bolt size 1 ¼ " ; minimum bolt size ¾ " .
- Maximum washer size 5”.

9. Trunks:

- Trunk lids are mandatory.
- Must be bolted or chained in four (4) points.
- Station wagon end gates secured with maximum of 2 chains only.
- Maximum bolt size 1 ¼ “ ; minimum bolt size ¾ “ .
- Maximum washer size 5”.

10. Battery:

- Must be relocated to the passenger side floor securely fastened by nuts, bolts, and washers.
- Battery must be covered by a rubber mat or in a marine battery case.
- One automotive type battery **ONLY**.

11. Electric Switches:

- If used must be uniformed. Up/forward for on, down/back for off.
- It is strongly recommended that any electrical system used be fused.

12. Fuel System:

- Fuel leaks or potential leaks will **NOT** be tolerated.
- Fuel tank can be boat, snowmobile or fuel cell or plastic jerry can. Five (5) gallons capacity maximum located in the rear seat area of the car securely mounted with nuts, bolts, washers, metal straps, and ratchet straps. **NO** screws or bungee cords.
- A hole/holes must be cut in the floor near, around or under the tank for drainage.

- **MUST** have floor pan plugs removed.
- Fuel lines entering through the firewall into the passenger compartment must be approved metal lines securely fastened with short rubber connections is acceptable.
- Fuel pump type is optional.
- Canadian pump gas **ONLY – NO ADDITIVES.**

13. Cooling System:

- Must remain stock or be removed.
- Anti-freeze **MUST** be drained and filled with water only.
- Fan type optional.

14. Air Intake and Exhaust System:

- Must have an air cleaner assembly with a filter element to act as a flame arrestor.
- Exhaust must exit the engine compartment through the hood or out the bottom – manifolds alone are **NOT** enough.

15. Bumpers:

- Bumper **MUST** match make, model and year.
- Bumpers may be trimmed.
- Bumpers may be welded to bumper brackets and bumper brackets to frame. **NO ADDED** material. Such as Fishplates, Angle iron, or pipe. **WELDING RODS ONLY.**
- Two (2) single wrapped chains on each bumper – may be used for support **ONLY.**

16. Tires and Rims:

- Stock Rims **CANNOT** be altered or reinforced.
- Valve stem protectors and tubes are acceptable.
- No studded tires.
- Air only in tires. **NO** additives, liquids, solids, or fillers.
- Wheel wells may be trimmed for clearance.

17. Engines, Transmissions, and Differentials:

- **MUST BE STOCK.**
- No welding of motor mounts. Bolts **ONLY.**
- Motor mounts and transmission mounts may be chained.
- Shifter type optional.
- Transmission cooler optional. **MUST** be mounted under the hood in front/behind the rad or in the passenger compartment securely fastened with approved steel lines and adequate drain holes in floor.

18. Steering and Suspension:

- Steering must be in stock position. **NO** alteration or modification allowed.
- Suspension must remain stock.

19. Paint and Body:

- Driver's door must be painted white.
- White vehicles are prohibited.
- Car can be any other contrasting color(s).

- No profanity as part of the decoration or the advertising.
 - No cloning of paint jobs if you enter more than one (1) car.
 - Roof signs are acceptable but **MUST** be bolted securely.
- If your vehicle is illegal, entry fee will **NOT** be refunded.

MHARA reserves the right to alter, amend, add, delete, or modify these rules at any time without prior notice.

*****Please Note: These rules were designed for fair play, sporting, no advantages, or disadvantages to first time drivers, or veterans.**

MHARA Demolition Derby Pit Rules

1. Minimum age of 16 years old in the pits
2. No muscle shirts, sandals, or shorts.
3. **NO** alcohol consumption or substance use prior or during races. Anyone under the influence of alcohol or drugs will **NOT** be permitted to drive
4. Absolutely **NO GLASS** beverage containers allowed in pit area
5. **ZERO** tolerance of inappropriate behavior or abusive language
6. Pit area wristbands must always be visible
7. **BOUNTY ENFORCED:** If a person is found **NOT** wearing a wristband, they will have to **PURCHASE** a wristband at the gate or **WILL** be escorted off the premises.
8. Dogs **MUST** always be on a leash.
9. Five (5) minutes after the last feature race, pits will be opened to the public. Therefore, load your car immediately. **NO** race car engines will be permitted to start once the public are admitted.
10. Tech in is **MANDATORY**. Registration and waiver forms **MUST** be completed before tech.
11. Drivers and crew **WILL** be responsible for cleaning up spills and waste. All spills **MUST** be reported immediately to an official.
12. **MANDATORY** pre-race driver's meeting-**ALL** personnel in pits **MUST** attend. Random roll calls will be made and if not in attendance – **PENALTIES** will be assessed.
13. Disputes will be cut off fifteen (15) minutes after results are posted, written disputes will be accepted for review. Dispute forms can be picked up from officials.
14. **JUDGE'S DECISION WILL BE FINAL**

MHARA reserves the right to change, delete, or add to these rules at our sole discretion without prior notice.

MHARA reserves the right to refuse entry to or eject any individual from the premises.

MHARA Demolition Derby

Driver Entry Form

Driver's Name: _____ Driver's License #: _____

Address: _____

City: _____ Prov.: _____ Postal Code: _____

Phone: (H) _____ (W) _____ E-Mail: _____

Crew Member #1(inc.) _____ Crew Member #2: (\$20.00) _____

Crew Member #3: (\$20.00) _____ Crew Member #4: (\$20.00) _____

Crew Member #5: (\$20.00) _____ Crew Member #6: (\$20.00) _____

Vehicle: Make: _____ Model: _____ Year: _____

Major Sponsors:

Please Select One of The Following:

8 Cylinder Demolition _____ \$ 125.00 at the gate \$ 100.00 Pre-registration

Small Car Demolition _____ \$ 125.00 at the gate \$ 100.00 Pre-registration

Your Vehicle Number(s): _____

*******ENTRY FEES INCLUDE 1 PIT CREW REGISTRATION*******

**Please email this completed Registration Sheet & e-transfer to:
mhara.treasurer@gmail.com**

ALL DRIVERS AND PIT CREW MUST COMPLETE AN ONLINE WAIVER.

**A VALID DRIVERS LICENSE MUST BE PRESENTED WITH THE
ENTRY FORM**