

OFFICIAL 2018 DEMOLITION DERBY RULES & REGULATIONS

Presented by Smash Motorsports

DISCLAIMER

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events.

These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.

The Race Director shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that in his opinion do not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final.

THE MANAGEMENT

GENERAL RULES

ATTENTION: Demolition Derbies are promoted as unusual spectator attractions. It is the responsibility of all drivers and crew members to follow and obey all of the rules set forth by the sanctioning body and the Promoters of this event. You are participating at your own risk and as a condition of your participation in the event you acknowledge that you will be required to sign a further release of liability form provided to you on the day of the event.

All Official and Promoter decisions are final. By signing the entry application form, you have acknowledged that you have read, received a copy of, and understand all of the rules and regulations associated with the event. Illegal items passing through technical inspection that are not detected by the officials are still considered to be grounds for disqualification if found in a later inspection. Any deviation of these rules and regulations will result in an immediate disqualification.

- **ENTRY FORMS:** The driver must fill out and submit the Official Entry Form. All accepted entrants are participating on their own behalf and are completely independent of the event organizers. As an independent contractor, entrants are assuming all responsibilities for prize money received including all taxes and government payments. All entry applications are subject to approval by the Fair Association and/or the Promoter. Both parties reserve the right to refuse any entry application. **All accepted entrants must provide a valid driver's license on request and all drivers must be of 18 years of age.** Once your entry is accepted, there will be no refunds of any type, for any reason.
- **CONDUCT:** Rule infractions by a driver or a crew member will result in immediate disqualification of that car and driver. Crew members' actions are the responsibility of the driver. The competition rules will be explained at the **Mandatory Driver's Meeting** prior to the first event. Any driver not attending this meeting will NOT be allowed to participate, NO EXCEPTIONS. IMPORTANT: There is to be no consumption of alcohol or drugs by any driver or crew member. Police will be on hand to enforce these rules of conduct and other Federal, Provincial and Local Laws. No alcohol coolers in the Pit Area. Coolers and vehicles will be subject to search at the point of entry to the Pit Area. Infraction will result in disqualification and removal from the Fairgrounds. Violation will result in a lifetime ban from all future events.
- **PARKING:** You are expected to park your haulers in an appropriate manner. Do not block roadways, driveways or fire lanes. You may be required to move your vehicle at the discretion of the Officials. Failure to do so will result in disqualification.
- **PIT AREA & INSURANCE:** Only persons signing the release of liability sheet and purchasing a PIT PASS and being of Sixteen (16) years of age will be permitted in the Pit Area. Only those issued Pit Passes will be allowed to work on the car. Minor Releases may be available for underage children at the discretion of the Registrar. All injuries must be reported to the Officials at once.
- **PIT GATE:** Officials have the right to close Registration once they feel the field is full. This does apply to pre-entered cars.
- **PREPARATION:** All cars must be brought to the Fairgrounds prepared. No preparation work will be allowed once inside the restricted area. Only changes required by the technical committee will be permitted. If the Competition Director feels that a competitor is not prepared, he reserves the right to disqualify the car and the driver and replace them with the first available car and driver from the waiting list.
- **PROPER DRESS:** All entrants MUST wear clean, long-sleeved clothing; coveralls or SFI approved fire suit are recommended. Protective eye goggles or a face shield are strongly encouraged. All entrants must wear a proper fitting SNELL or DOT (2010 or newer) approved motorcycle racing helmet at all times. **No half helmets. Recommended Head and Neck Restraint**
- **PROTESTS:** A written protest must be accompanied by \$225.00 and submitted to the Race Director within 2 minutes of the event's completion. Protests may apply to a violation of a written technical rule that may have provided an unfair advantage only. Only the Driver is allowed to protest, crew members may not approach the

Race Director about protest issues at any time. Officials have the right to impound and inspect any car at their discretion at any time provided prize money has not yet been awarded.

- **REFUNDS:** There are no refunds of any kind for any reason once the application for entry has been approved.
- **REMOVAL OF CARS/PARTS/TIRES:** It is the responsibility of the driver to remove the car and all other parts from the facility after the event. In the event that a car has been sold to an auto recycler and it is not removed, the driver will be billed for its removal. Any driver found to illegally dump parts and/or used tires used in a demolition derby on private or public property will receive a lifetime ban from all future events.

OFFICIAL 2018 PRO STOCK SPECIFICATIONS **Presented by Smash Motorsports**

CARS MUST BE STOCK – ALL EXCEPTIONS ARE NOTED – READ CAREFULLY

Vehicles Allowed

1. This class is open to 1972-2002 year full size cars
2. NO trucks, convertibles, jeeps, vans, hearses, limousines or checker cabs.
3. Cars previously run in derbies MAY be considered too badly damaged and unsafe, resulting in disqualification. Call or pm with pictures first.

All flammable material must be removed from the cab area except the dash, driver's seat and seat belt.

This includes carpeting, headliner, door panels and trim. All debris, including in the doors and trunk must be removed.

All air bags to be removed.

All glass, windows, mirrors, trim, lights, antennas, ornaments, bezels, interior and exterior must be removed (including bulbs).

The cooling system must be flushed of antifreeze and replaced with water only.

- **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.
- **Body Mounts:** All rubber body mounts and stock sized bolts are to remain in place. Maximum flat washer size is 4". Four additional body mounts using 5/8" threaded rod max are allowed. Threaded rods must not extend through the bottom portion of the frame. Front radiator support mounts must be in place. These may be substituted with 3 hockey pucks MAXIMUM. May use 3/4" rod for radiator support. Mount through frame, radiator cradle and hood.
- **Bumpers:** CAR BUMPERS ONLY. Front & rear bumpers may be reversed and flipped upside down. May be wired to radiator cradle in 4 locations. Maybe welded to the brackets & frame. 4" from the back of bumper, single pass only.
Front Bumper: Car bumpers only. These may be of any year, flipped or front to back. Bumpers may be wired in 4 locations to prevent separation. Bumper shocks may be reinforced with 1 piece of flat metal 3" wide welded from the top of the bumper to the frame. Bumper shocks may be welded but not reinforced. Do not load bumpers. Do not change mounting system. Mountings must be stock as per year of manufacturer. Hard nosing allowed. Square tubing instead of front bumper may be used – NOT to extend past the front fenders – 4" x 4" or 2" x 6" – 1/2" thick. Flat or straight tube only.
Rear Bumper: Stock bumpers only. Bumper shocks can be welded with no added metal. Excessive use of material will be asked to be removed. NO LOADING OF BUMPERS – Officials may request a hole be made in bumper for inspection. Must use stock style mounting brackets for car and model.

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- **Cage:**
Seat Bar & Dash Bar: A post to post bar may be welded into the driver's compartment for driver safety, located behind the driver's seat, from the driver's side post to the passenger side post. 4 point cage (halo) is allowed in the driver's compartment for driver's safety, no excessive cages, and no kickers. Excessive material use/welding will result in disqualification. May run threaded rod down from the post-to post bar, through the frame to prevent sagging (secured with washers & nuts only).
 -The upper roll bar may be bolted through the roof in 2 locations. It may be bolted or welded to the frame or rocker. If bolted 2, 3/4" bolts per side. 1 additional bar may be used behind the seat, welded or bolted to the vertical roll bars.
 -The maximum size to be 4" tube, square or in diameter.
 -Seat roll bar not to extend past the back of the driver's seat. 1 bar can run down the inside of the door, from dash bar to seat bar. The bar over the roof cannot be attached to any other bar except the rear seat bar. 1 bar can run between the seats, from dash bar to seat bar to secure the shifter. Roll bar highly recommended.
 -No Gas Tank Protectors
 -Floating Gas Tank holders must be 4 inches away from package tray and floor sheet metal.
- **Differential:** Car differentials only. Differentials can be switched between makes. Protectors can be bolted or welded to the housing, 3 sides. Do not reinforce the frame or body. Control arms, trailing arms must be stock. No Modifications allowed.
- **Doors:** Driver's door must be PAINTED WHITE. An optional roof number plate may be securely installed. NO painting of number on doors unless number registered. All doors must be fastened shut with chain, wire or seat belts straps in a maximum of 8 locations. The doors may be welded in place with Three (3) 3" x 3" plates. A 12" x 72" x 1/4" maximum plate, may be used on the 2 front doors. The Driver's side is strongly recommended. No channel or angle iron allowed. These will be fastened on in 8 locations maximum with 3/4" bolts and flat washers maximum.
- **Drive train:** Any combination of engine, transmission and rear ends is acceptable. 10 LUG max. Basic lower engine cradles allowed. May use pulley/harmonic balancer protector but if used, must not have front sway bar attached to frame.
 -Distributor or transmission braces allowed. May ONLY use 1 or the other NOT both, either DP may be used or TRANS BRACE may be used.
 -Must use stock transmission cross members.
 -Distributor guards are allowed, a minimum of 1" from the firewall. Do not over build. These must not come into contact with window bars.
 -Reinforcement of the frame or body while building guards is not allowed. Any style of engine guard will be fastened to the engine or transmission only. Engine cradles must be designed to protect the drive train only, not to be fastened to the body or frame.
 -Slider drive shafts may be used.
 -Pinion brakes allowed.
 -Any rear differential – must use factory control arms/brackets.
 -LS engines – may use conversion brackets to accept an old style rubber frame mount.
- **Fire Extinguisher:** A CSA approved fire extinguisher, with properly functioning gauge, (ABC) must be properly secured within reach of the driver
- **Firewall:** All holes in firewall must be filled or covered with tin or non-flammable material. No reinforcement.
- **Frame Repair:** Rusty or bent frames may be repaired using (4) -4" x 4" patches max. All repairs must be painted in a bright colour. A maximum of 4 repair plates to be used with 2" between each repair.
 -No frame modifications, tilting, hump plates, welding of seams, shortening, grafting, pounding centre of humps etc

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- **Front Suspension:** May use aftermarket tie rods. May weld or strengthen centre tube of factory tie ride. Must use stock type tie rods ends. No heim joints.
-Stock ball joints
-Movement must occur
- **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. Tank must be covered with a non-flammable material after inspection. Maximum 3 gallons of gas. NO gas tank protectors. Officials have final decision.
Fuel Lines – All fuel lines must have leak proof fitting with steel or rubber lines. No exceptions.
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.
-Floating Gas Tank holders must be 4 inches away from package tray and floor sheet metal.
- **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.
- **Hood & Trunk:**
Openings: It is mandatory that an opening be cut in hood over carburetor, approximately 8" x 12" maximum in diameter. This will be strictly enforced. Recommend removing hood latch in case of fire.
- A hole should be cut in middle of trunk lid for visibility. Trunk lid may have a single 90" bend in the middle. Trunk may be welded shut with (8) 3x3 1/4 max plates or wired in 8 spots
-Hood must be kept in original position and must be left open until after inspection. Trunk/tailgate must be in original position.
- Hoods must be fastened down in a maximum of 8 places with treaded rod, seat belt material, wire, chain or bolted/welded to the fender with 2x2 angle iron bolted once with a 3/8 bolt.
-Hoods or radiator supports may be wired to the bumper in 4 locations.
-Metal may be removed from the wheel openings for clearance. Front fenders and rear quarter panels may be bolted with 5, 3/8" bolts maximum
- **Leaf Springs Shocks & Coils:** Suspension must be stock. Movement must occur. It is recommended that rear coil springs be wired to the differential. Stock spindles must be used. may only use 4 leaf spring clamps per side max 1 inch wide 1/4" thick
- **Mechanical Repairs:** Must be stock material and in no way enhance ability/performance of vehicle.
All repairs must be with stock style components. No reinforcing.
Creasing will be limited to quarter panel and trunk only.
- **Motor Mounts:** Motor mounts may be welded or chained. Aftermarket mounts may be used
- **Radiator:** Radiators and cooling system must be flushed of anti-freeze and only water added. Overflows for radiator must point downward to the ground. Radiator must be in original position or removed. no protectors
- **Shifters:** Shifters may be directly attached to transmission linkage & relocated to floor over transmission hump.
May also attach to centre bar.
- **Suspension:** Suspensions are to be stock in design. Rear coils may be wired or welded to the differential. Spring helpers/twist in style allowed.
-"ZTR Style" watts conversion brackets will be allowed. Top brackets must be bolted in and be 2 separate pieces. Bottoms must have single bead of weld only. No other pieces welded to frame. Any factory frame brackets unused must be cut-off.

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- **Tires:** Rubber, round. Tires must be air filled only. No split rims, no welding stem valve protectors, no bead locks, no fastening of tires to rims or studs. All wheel weights must be removed. Tires may be doubled. NO triple sides on the drive wheels.
-Bring spare snow tires in case track is too muddy.
- **Transmission Cooler:** Are permitted and must be secured in driver's compartment. The transmission dipstick must be secured in place, wired down or have an overflow tube directing the fluid to the ground. Cooler may be placed behind the driver's seat. It must be securely fastened. Hoses must be protected and covered with a non-flammable material that will withstand pressure. Hoses must be rated at 250 PSI single brad hydraulic hoses with press fittings only rated at 250 degree F
- **Vehicle Prep:** Preparation of the vehicle must occur before the vehicle arrives at 'The Fairgrounds'. This includes painting of the frame repairs as outlined. The Referees or Fair Board's decision is final when inspecting vehicles. Do not put yourself in a disqualification position by bending or ignoring rules.
- **Windshield Space:** The front window opening must have a minimum of 1 bar or chain from the front cowl to the roof, bolted or welded in the middle. An A or H configuration may also be used. This is to protect the driver only, not reinforce the structure or protect the distributor, if used. No rear window bars.

COMPETITION RULES – VIOLATION CONSTITUTES DISQUALIFICATION

1. No deliberate head on collisions.
2. No deliberate hitting of the driver's door.
3. All four (4) brakes must be working.
4. All drivers must remain in the car at all times unless otherwise instructed by the Competition Director or Security.
5. The sixty (60) second time limit between hard, competitive hits will be strictly enforced. Soft hits will not be counted and the count will not be reset. Exceeding the sixty (60) second time limit will result in disqualification.
6. Any observed loss of helmet or release of seat belt (intentional or unintentional) will result in immediate disqualification.
7. Any breach of the barriers/boundaries could result in disqualification. Only one tire is needed. Any intentional or unintentional hitting of another car over the barriers will result in both cars being disqualified if the car A cannot push car B off the barrier within thirty seconds.
8. No drinking of alcoholic beverages allowed by drivers or crew members on the track or in any restricted area prior to the conclusion of the feature event. Drivers may be checked prior to each event. Any driver or crew member that is under the influence of alcohol or drugs will be immediately disqualified and subject to removal and/or arrest by Police.
9. Fire extinguishers must be within reach of the driver. You will be disqualified if you do not have one.
10. No sandbagging. You are required to make frequent, hard, competitive hits. Taking advantage of the sixty (60) second rule may result in a faster count or disqualification. If your car cannot be restarted, you are required to give the "kill signal" (fake slashing of the throat with one hand) to an Official.
11. Cars must be driven professionally and responsibly at all times when not in competition. Operating in a manner which endangers the safety of others will result in removal from the grounds by the Police and a lifetime ban from all future events.
12. There is to be no fighting or horseplay with other competitors. Do not approach any official during the course of an event when cars are competing.
13. Cars on fire will be disqualified. However, at his discretion, the Competition Director may allow the driver to restart if it was a carburetor fire. If the fire restarts, the car will be disqualified.
14. You will be disqualified if you ignore the instructions of a Flagman. If you refuse to stop, the race will be stopped and you will be required to evacuate the car. Refusal to do so will result in removal from the grounds by the Police and lifetime banishment from all future events.

FLAG SIGNALS & RULES – PAY ATTENTION TO THE FLAGMEN

GREEN FLAG: The event has started; it is okay to drive according to the rules governing the event.

RED FLAG: All cars are required to stop in a safe manner immediately. You must remain stopped until the Green Flag is waved again.

BLACK FLAG: You are disqualified. Stop your car immediately.

CHECKERED FLAG: The event is over. The winner(s) will be identified by the Competition Director.

POINTING TO THE ELBOW: Warning of an unintentional hit to another driver's door. One more time and you will be disqualified.

CROSSED ARMS OR FLAGS: Warning of an unintentional head on collision. One more time and you will be disqualified.

POINTED BLACK FLAG: Warning. You are at risk of disqualification for your last action.

HORN OR SIREN: This signal will accompany a RED FLAG situation. Locate a flagman to be sure of the RED FLAG and stop your car.

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