

# 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 TRUCK SPECIFICATIONS** **Presented by Smash Motorsports**

\*\*\*TRUCKS MUST BE STOCK – ALL EXCEPTIONS ARE NOTED – READ CAREFULLY\*\*\*

### **Vehicles Allowed**

1. This class is open to all full sized trucks including 1980 and newer ½ Ton, ¾ Ton pickups, vans, Suburban's, Astro Vans and Aerostar Vans. A Dodge Dakota is considered a full sized truck.

2. NO convertibles, jeeps, mini trucks (Rangers and S-10's), dual rear wheeled nor 1 Ton Trucks.

3. Trucks 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 bed 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 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 Panels:** Bolting of body panels is not allowed. No extra bolts, screws or other fastenings.
- **Body Mounts:** Mounts and bolts are to be stock. Front rad support mounts must be in place. These may be substituted with 3 hockey pucks max. May use ¾" rod for rad support mount through frame mount, rad cradle and hood. All other mounts must remain stock. No additional mounts.
- **Bumpers:** Car or truck bumpers are allowed on the front. Ends may be bent in or cut off.  
Rear: A 4" diameter tube (or 4x4) can be welded to the frame rails on the front frame behind the stock bumper but not to the bumper or body. Or you can use a 4" x 4" square tube that is 50" in length, you can weld it to the end of the frame. Gussets from frame to bumper cannot be larger than 3". Welding of the last 6" of the frame is allowed to secure the bumper, but not to reinforce the area. Rear bumpers may be removed. This may be replaced with 2" x 2" or 2" diameter tube welded between the frame rails.
- **Differential:** Must be stock. Gears can be welded. 4x4 front wheel drives must be disabled by removing transfer cases, differential housing, axle shafts and the driveshaft.
- **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 3" x 3" plates in six locations max. Per door.

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- **Drive train:** Engine swaps allowed. No full engine cradles or transmission braces. Engine mounted distributor guards allowed, however it must be 2” from the firewall on a fresh truck. .
- **Fans:** Belt driven fans may be used as long as the hood is securely in place. If you are running no hood, you may not use a belt driven fan. An electric fan may be used in place of a belt driven fan.
- **Fire Extinguisher:** A CSA approved fire extinguisher, with properly functioning gauge, (ABC) must be properly secured within reach of the driver
- **Frame Repair:** Are allowed but cannot be reinforced. 4” x 4” patches only. These repairs are to be painted in a bright colour
- **Gas Tank:** Stock fuel tank must be removed with all loose fuel lines and straps. It is to be replaced with a CSA approved, steel marine fuel tank, custom fuel tank or racing fuel cell. **No Plastic Tanks**  
An opening 6” larger than the tank must be made in the box to allow the tank to be bolted to the frame. For Suburban’s or Extended Cabs the tank must be securely mounted in the rear passenger, center area. Tank is to be covered with a flame resistant, splash proof cover. NO LEAKS, must not be move.  
**Fuel Lines-**must have leak proof fittings with steel or approved rubber lines (no clear lines). Lines must be inside the vehicle if possible and protected. For electric fuel systems a **RED** safety shut off switch, for the pump, must be installed on the roof in the center of windshield opening for officials and safety purposes. The fuel pump must be isolated and all components covered with a non-flammable material. Any leaks, at any time, will result in an immediate disqualification.
- **Hitches:** Trailer hitches to be removed. Plow attachments removed as well.
- **Hood & Trunk:**  
**Openings:** It is mandatory that a 12” opening be cut in center of the hood.  
Hoods will be fastened down in a maximum of 6 places using seatbelt material, wire or chain. Hoods may be wired to the bumper in 2 spots. Hoods are not mandatory, however if removed the safety of the driver sand fair workers becomes an issue (Not recommended). All precautions **must** be taken to direct hot fluids to the ground in case of an overheated engine, transmission or steering system.
- **Motor Mounts:** Motor mounts can be welded or chained but not reinforced. If swapping engines, plates can be welded to the cross member to allow for engine mounts, but not reinforced
- **Preparation:** Must occur before the vehicle arrives at the West Niagara Fairgrounds. This includes painting of the frame repairs as outlined. 4”x 4” patches to be max of ¼” thick. All repairs must be with stock style components. No reinforcing.
- **Radiator:** To be in its original position or removed. The over flow tube must be secured to direct the coolant to the ground. No additional protection except stock AC condenser. No reinforcements or guards. Stock type radiators only. Rad supports may be wired to the bumper in 2 spots.
- **Shifters:** Shifters may be directly attached to transmission linkage & relocated to floor over transmission hump. May also attach to centre bar.
- **Suspension:** Must be stock with movement. Stock style leaf springs on the rear. Stock style spring hangers, no welding. Original style tie rods can be reinforced. All other suspension and steering components must be stock. No leaf spring front ends. Rear coil spring suspensions can be converted to leaf spring suspension, using stock style components and bolts, no welding. Leaf spring clamps are allowed, 4 per side max.  
**Ride height must be stock.** No suspension or driveline bracing.

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- **Tailgates:** Can be fastened in the closed position in a maximum of 6 locations. Rear bumpers can be wired to the tailgate in 2 spots. Tailgates can be laid flat on the box floor and fastened through the box floor only with 2(Two) ¾" diameter threaded rod. Not through the frame. Tailgates can be welded to the bedside with 3 (Three) 3"x3" plates. Suburban's and vans with larger rear doors may use 6 (Six) 3" x 3" plates.
- **Tires:** All wheel weights must be removed. No valve stem guards. Air filled only. No split rims. No bead locks or rim guards. No solid tires. Double tires and tubes are allowed. Low aggression skid tires are allowed. No triple sidewalls on drive wheels. No studs. No excessively aggressive tread types.
- **Transmission Cooler:** May be repositioned but if in the cab must be covered with a non-flammable cover to protect the driver from pressurized leaks. Transmission dipsticks must be secured and be redirected to take hot fluids to the ground.
- **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.

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**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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