

OFFICIAL 2022 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 piece of identification on request and all drivers must be of legal age as per insurance company and/or hosting facility.** 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 Eighteen (18) 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 demolition derby grounds 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 always. ***No half helmets. Recommended Head and Neck Restraint.***
- **PROTESTS:** A written protest must be accompanied by \$250.00 and submitted to the Competition 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 permitted to protest. 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 2022 PROSTOCK SPECIFICATIONS

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

▪ **VEHICLES ALLOWED**

- This class is open to any year full size cars
- NO trucks, convertibles, jeeps, vans, limousines, or checker cabs.
- Cars previously run-in derbies MAY be considered too badly damaged and unsafe, resulting in disqualification. Call or txt 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 floorboard 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 is 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**

- **Front Bumper**: ANY bumper acceptable. 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 welded but not reinforced. Do not change mounting system.

Mountings must be stock as per year of manufacturer. Mounting to frame can be done in any way but may not extend more than 6" from mounting flange on bumper. 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. Tube bumpers must-have ends beveled in. Or wrapped in stock bumper skin

See Picture of Approved Tube Bumper





- **Bumper to be no wider than front tires**
 - **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.
- **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.
 - **Dash bar must be 6 inches from transmission tunnel**
- **DIFFERENTIAL:** 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 passenger side front doors. **Driver's door protection is MANDATORY.** no limit on Driver's door. 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 p/side max. Basic lower engine cradles allowed. May use pulley/harmonic balancer protector.

- 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 meet 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.
- **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 (6) -4" x 4" patches max. All repairs must be painted in a bright colour. A maximum of 6 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
 - **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
 - Factory aluminum engine cradles in 2003 and newer cars may be changed. You may change to a bolt in style set up using 2 factory mount bolts. any added metal must be 1" inch from factory bolt hole. DMM or IFD style set up preferred
 - **REAR 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.
 - **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.
 - 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 2 inches away from package tray and floor sheet metal. Must be within 12" from stock sheet metal on either side.

- **HEADERS:** Must be secure, must point upwards and not at other drivers/spectators. Must be 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" 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
- **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 braid 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 AREA:** 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.
 - **Rear window bar permitted. Max 2"x2" bar welded/bolted from the roof to the center of the trunk area. Rear window bar cannot be fastened to rear bumper, speaker deck or trunk floor. No rear window bars on wagons.**

RULES: Rob Clark 905-912-0510 text or call

COMPETITION: Doug Leonard-(905)981-1119 text or call

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 always remain in the car 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 tolerated, 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 always be driven professionally and responsibly 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 halted, and you will be required to evacuate the car. Refusal to do so will result in removal from the grounds by the Police/Security and you could face a lifetime banishment from all future Smash Motorsports, Fair or Speedway 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.

OFFICIAL 2022 STRAIGHT STOCK SPECIFICATIONS

Presented by Smash Motorsports

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

In the spirit of equalizing competition, adjustments may be made as becomes necessary.

- **6+8 CYL. CAR EVENTS:** Any stock front-engine full or mid-sized hardtop coupe or sedans **1980** or newer are allowed. Cars that have already been used in another competition may be disqualified if they are too battered and unsafe. No All-Wheel Drive, AMC Concorde, Checker Cabs, Convertibles, El Caminos, 4x4's, Hearses, Jeeps, Limousines or Trucks are allowed.
- **APPEARANCE:** Both front doors must be painted white and free of lettering. If you have been pre-assigned number, paint this number on both doors in a contrasting color before coming to the event. Paint must be completed and dry before entering the Pit Area. Lettering must be in good taste.
- **BATTERY:** Battery must be covered with a quality, non-flammable cover or box, and installed in a secure location. Battery must be securely fastened. Battery may be placed in the passenger side foot well. One 12-volt car battery only. Recommend two threaded rods ½" thick large washers under floor with flat bar on top to hold down battery
 - **NO milk crate installations. Battery must be secured by metal bracket or above-mentioned method.**
- **BODY:** No Body bolting or creasing.
- **BODY MOUNTS:** All rubber body mounts, and stock sized bolts are to remain in place. Front radiator support mounts must be in place. These may be substituted with 3 hockey pucks **MAXIMUM**. May use ¾" rod for radiator support. Mount through frame mount, radiator cradle and hood.
- **BRAKES:** All cars must have fully operating brakes on all four wheels. No cutting or pinching of brake lines.
- **BUMPERS:** Bumper ends may be bent in Bumper shocks may be welded or chained but must remain in the stock location.
 - Bumpers can be seam welded. Bumpers can be welded on with maximum ¼" plate from front of the rad cradle forward.
 - If bumpers are removed, remove any remaining spears. Remove trailer hitch and all brackets.
 - Any car bumper allowed no wider than body.
 - Rusted or broken bumpers may be repaired by a maximum 3" repair plate. This repair must be pre-approved by a tech official before the event.
 - Square tubing instead a front bumper may be used. Max.– 4"x4" or 2"x6"
 - **Rear Bumper must be stock or removed completely.**
- **Square tubing instead of a front bumper may be used max.– 4"x 4" or 2"x 6"**
If tubing is used as bumper, it **MUST** be either- 1) Covered with a bumper skin OR 2) 4" on either end must be bevelled in. **SEE DIAGRAM**



Bumper to be no wider than front tires

- **DOORS:** Doors may be chained (1/4" chain), strapped or wired in 4 locations.
 - **Driver's door MUST be reinforced.** Passenger side MAY be reinforced in the same way.
 - **Outside:** Flat Bar only, no greater than 12" wide, no greater than 1/4" thick and no more 72" in length. No C-Channel, no angle iron, and no beveling. Flat bar must be bolted, with no more than six (6) 1/2" bolts. No welding. Bolts cannot point outward and cannot have sharp edges.
 - **Inside:** No cross bracing or firewall bracing. Post to post bar behind front seats 2-4" in diameter permitted must be bolted.
- **ELECTRONIC:** Solenoid, voltage regulator, and computer electronics may be relocated provided they remain forward of the fire wall and under the hood. All fuses except those controlling the gauges, charging system and ignition must be removed. Electric fuel pumps must be covered with fireproof material and have a clearly marked (contrasting color of the surrounding area of the car) shut-off switch within reach of the driver and a secondary switch mounted on the outside roof above the driver within 12 inches of the top of the driver's door rear post.
- **ENGINE:** Engine swaps allowed. MUST stay within manufacturer of vehicle. Ford to Ford, GM to GM. Must be in factory location.

- **EXHAUST SYSTEM:** Pipes may be in stock formation or pipes may extend straight up, through the hood. Pipes may not be aimed at other cars. Excessively smoking cars will be disqualified.
- **FAN BLADE:** Metal blade fans must be removed or replaced with a plastic bladed fan that is completely shrouded. Shrouded electric fans are recommended. **No clutch fans.**
- **FIRE EXTINGUISHERS:** All cars must be equipped with a dry chemical fire extinguisher (with gauge) that is within reach of the driver.
- **FIREWALL:** The firewall dividing the engine and the driver's compartment must remain intact. All holes must be covered or filled by flame proof material, preferably metal. No cross, dash or firewall bracing permitted.
- **FRAME:** No reinforcing of body or frame. 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 center of humps etc.
 - Frame repairs must be pre-approved or will result in disqualification.
- **GAS TANK:** Stock gas tank must be removed from original position. Must be a steel marine tank, custom steel fuel tank, or certified racing fuel cell. Five gallons of fuel max NO PLASTIC TANKS, fittings and lines must be secure, leak proof and of high quality. Metal or rubber gas lines only, no plastic lines. No reserve tanks. Tank must be secured and bolted down with a tank bracket or threaded rod No ratchet straps or metal strapping and must be covered by a metal firewall or fireproof material (air bag) that completely shields the tank from the driver. Gas tank should be mounted where the back seat was located. Tank secured in back seat ahead of rear axle. Electric fuel pumps must be covered with fireproof material and have a clearly marked (contrasting color of the surrounding area of the car) shut-off switch within reach of the driver and a secondary switch mounted on the outside roof above the driver will be disqualified. within 12 inches of the top of the driver's door rear post. If the car becomes too battered and the gas tank is in danger of being compromised, you will be disqualified.
 - Floating gas tank or gas tank protector permitted. Gas tank protector can be no more than 12 inches from stock sheet metal on the sides, and 2 inches from package tray. NO oversized fuel tanks. Fuel tanks that are rectangular in shape must have the long side to seat bar. See Diagram



- **GLASS:** All glass and plastic must be removed. This includes all chrome and lights. Glass inside door panels must be removed. Trunk and inside of car must be swept clean.
- **HOOD, TRUNK, & HATCHBACK:** Hood must always remain on car. Minimal sized holes are permitted for the exhaust pipes. Hood, trunk, and hatchback may be tied down in four positions only by using seat belt straps or no more than six (6) threads of wire on each tie down spot or ¼" chain. No welding permitted. No reinforcing. No flat bar or angle iron bolted or welded to hood, trunk, or hatch. All latches must be removed. A hole in the hood is mandatory and must be no more than eight (8) inches in diameter and remain within one (1) foot to the

sided of the center of the carburetor. Hood and trunk springs must be removed. Hinges must be hooked up. Leave hood and trunk open until inspected. *No welding of hood at all.*

- **IGNITION:** Ignition switch may be altered if a key or toggle switch replaces on/off switches. Switch must be within sixteen (16) inches of steering wheel.
- **INTERIOR:** All knobs, handles, decks, unnecessary upholstery, or seats must be removed.
- **PROTECTIVE SCREEN:** A protective bar or screen over the driver's half of the windshield is mandatory. Use one of the following 3 options: 1) heavy construction style with wire mesh; 2) Lexan or Plexiglas sheets; or 3) upright steel bars. Any screen on driver's door must have a quick release; driver must be able to exit from driver's side window opening.
- **RADIATOR & COOLING SYSTEM:** **Any automotive radiator.** Radiator must remain in front of the engine in the stock position or be removed altogether. Worn out radiator brackets may be replaced providing the new mounting brackets do not provide any performance or strength advantage. No angling of the radiator or its brackets. All antifreeze must be removed and replaced with water.
- **REAR ENDS:** Must be stock stuck for year, make and model. Rear ends can be locked by welding spider gears. Axels must remain stock. If axel size or rear end is in question for the make and model the drivers **MUST** remove rear diff cover and prove the parts are **STOCK** for the vehicle or could be disqualified.
- **REAR SEAT:** Both seat cushions must be removed.
- **ROLL BARS AND WELDING:** A post to post bar may be welded into the driver's compartment for driver safety. It cannot be located anywhere other than behind the driver's seat., from the driver's side post to the passenger side post. It **CANNOT** be welded to the frame in anyway. Motor mounts may be welded to the cross member (Excessive material use/welding will result in disqualification) Floor to roof roll bar can be welded or bolted to post to post bar. Roll bars must be bolted twice through the roof for safety. Roll bar may be bolted to the frame, floor, or rockers. No excessive use of material. May run threaded rod down from post-to-post bar through the frame to prevent sagging (secured with washer and nut)
- **SEAT BELTS:** Seat belt and shoulder harness must be worn during competition. Seat belt must be secured to the frame. Shoulder harness must be "quick release" type found in any new auto and must be bolted through the roof unless it was original equipment. Recommended a 5-point harness or better
- **SEATS:** Recommended Racing Seat

SUSPENSION: Vehicle must be factory soft. Shocks, coils, and leaf springs must be stock ***for the vehicle.*** **Air ride can be changed to coil springs but must be at stock height.** Springs with spacers, frozen shocks and turned up torsion bars are illegal. No more than five leaf springs. Car must sit at stock height. Suspension must be operational by one man's effort. It is recommended that coil springs are wired in place

- **No chaining of suspension**
- **No strut protectors**

- **TIRES (All Classes):** Maximum 16` D.O.T. tires must be low aggression. No forklift or solid tires. All tires must be filled with air only. Tires may be doubled. No split rims. No screwing tires to rims or studding. No extra rubber protection on sidewalls. No welding stem protections. No protests.
- **TRANSMISSION:** A direct shift linkage through the floor is permitted. Transmission coolers permitted but only if they are secured inside the engine compartment.
- **WHEELS & WHEEL WELLS:** No welding of objects on wheels to protect air stems. Remove all wheel weights. Wheel wells may be cut or trimmed no more
- **WINDSHIELD AREA:** **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.**

- **Rear window bar permitted. Max 2"x2" bar welded/bolted from the roof to the centre of the trunk area. Rear window bar cannot be fastened to rear bumper, speaker deck or trunk floor. No rear window bars on hatchbacks or wagons.**

RULES Rob Clark-905-912-0510 text or call
COMPETITION: Doug Leonard-905-981-1119

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 always remain in the car 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 tolerated, 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 always be driven professionally and responsibly 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 halted, and you will be required to evacuate the car. Refusal to do so will result in removal from the grounds by the Police/Security and you could face a lifetime banishment from all future Smash Motorsports, Fair or Speedway 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.

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

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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.

OFFICIAL 2022 STOCK MINIVAN SPECIFICATIONS

Presented by Smash Motorsports

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

- **MINIVAN 4 or 6 CYLINDER:** Any Front wheel drive minivan. Vans that have already been used in another competition may be disallowed if they are too battered and unsafe.
 - **No All-Wheel drives or Rear Wheel drives.**
- **APPEARANCE:** Both front doors must be painted white and free of lettering. If you have been pre-registered a number, paint this number on both doors in a contrasting color before coming to the event. Paint must be completed and dry before entering the Pit Area. Lettering must be in good taste. You must provide a bottle of black spray paint on race day for the numbering of your car.
- **BATTERY:** Battery must be covered with a quality, non-flammable cover or box, and installed in a secure location. Battery must be securely fastened. Battery may be placed in the passenger side foot well. One 12-volt car battery only. Recommend two threaded rods ½" thick large washers under floor with flat bar on top to hold down battery
 - **NO milk crate installations. Battery must be secured by metal bracket or above-mentioned method.**
- **BRAKES:** All cars must have fully operating brakes on all four wheels. No cutting or pinching of brake lines.
- **BUMPERS:** Bumpers may not be reinforced. Bumper ends may be bent in. Bumper shocks may be welded or chained but must remain in the stock location.
 - Bumpers can be seam welded. Bumpers can be welded on with maximum ¼" plate from front of the radiator cradle forward.
 - If bumpers are removed, any remaining spears must be removed as well.
 - All trailer hitches and brackets must be removed.
 - Any car bumper is allowed. Must be no wider than body.
 - Rusted or broken bumpers may be repaired by a maximum 3" repair plate. This repair must be pre-approved by a tech official before the event.
 - **Rear bumper must be stock or removed completely.**
 - **Square tubing instead of a front bumper may be used max.– 4"x 4" or 2"x 6"**
If tubing is used as bumper, it MUST be either- 1) Covered with a bumper skin OR 2) 4" on either end must be bevelled in. **SEE DIAGRAM**





Bumper to be no wider than front tires

- **DOORS:** Doors may be chained (1/4` chain), straps or wire. In 4 locations. Driver's door is recommended to be reinforced. And Passenger side MAY be reinforced in the same way. **Outside: Flat Bar only no greater than 12" wide, no greater than 1/4" thick and no more 50` in length.** No C-Channel, angle iron, or beveling. Bolted with no more than six (6) 1/2 inch No welding. Bolts cannot point outward and cannot have sharp edges.
 - **Inside:** No Cross bracing or firewall bracing. Post to post bar behind front seats 2-4` in diameter permitted must be bolted.
- **ELECTRONIC:** Solenoid, voltage regulator, and computer electronics may be relocated provided they remain forward of the fire wall and under the hood. All fuses except those controlling the gauges, charging system and ignition must be removed. Electric fuel pumps must be covered with fireproof material and have a clearly marked (**contrasting color of the surrounding area of the car**) shut-off switch within reach of the driver and a secondary switch mounted on the outside roof above the driver **within 12 inches of the top of the driver's door rear post.** **If the van becomes too battered and the gas tank is in danger of being compromised, you will be disqualified.**
- **ENGINE:** Must be stock year driveline. Fuel injected stays fuel injected, and carbureted stays carbureted. If the year/make/driveline is in question, driver MUST provide proof the car was made in that fashion otherwise officials decision is final
- **EXHAUST SYSTEM:** Pipes may be in stock formation or pipes may extend straight up, through the hood. Pipes may not be aimed at other cars. Excessively smoking vans will be disqualified.
- **FAN BLADE:** Metal blade fans must be removed or replaced with a plastic bladed fan that is completely shrouded. Shrouded electric fans are recommended. No clutch Fans!
- **FIRE EXTINGUISHERS:** All cars must be equipped with a dry chemical fire extinguisher (with gauge) that is within reach of the driver.
- **FIREWALL:** The firewall dividing the engine and the driver's compartment must remain intact. All holes must be covered or filled by flame proof material, preferably metal. **No cross, dash or firewall bracing permitted.**
- **FRAME:** Frame and body mounts must remain stock. **No reinforcing of body or frame. No welding of frame. Notching or cutting of the frame allowed.**
- **GAS TANK:** Stock gas tanks may 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 5 gallons gas. NO gas tank protectors. Officials have final decision.
 - Tank must be mounted in front of the rear axle. All caps, fittings and lines must be secure, leak proof and of high quality. Metal or rubber gas lines only, no plastic lines. No reserve tanks. Tank must be secured and bolted down by metal strapping and must be covered by a metal firewall or **fireproof material (air bag)** that completely shields the tank from the driver. Gas tank should be mounted where the back seat was located. Tank should be secured no more than eighteen (18) inches forward from the rear axle. Electric fuel pumps must be covered with fireproof material and have a clearly marked (**contrasting color of the surrounding area of the car**) shut-off switch within reach of the driver and a secondary switch mounted on the outside roof above the driver **within 12 inches of the top of the driver's door rear post.**
 - **Stock gas tank will be allowed only if secure in stock position under driver's side of van in front of rear axle. With no more than ¼ tank of fuel allowed. Vans must have a bright paint marking so officials can watch to make sure tank is secure during derby**
 - **If stock tank is used, no auxiliary switch needed**
 - **If the van becomes too battered and the gas tank is in danger of being compromised, you will be disqualified.**
- **GLASS:** All glass and plastic must be removed. This includes all chrome and lights. Glass inside door panels must be removed. Trunk and inside of car must be swept clean.
 - **HOOD AND HATCH:** Hood must always remain on car. Minimal sized holes are permitted for the exhaust pipes. Hood and hatch may be tied down in four positions only by using seat belt straps or no more than six (6) threads of wire on each tie down spot or ¼` chain. **No welding permitted. No reinforcing. No flat bar or angle iron bolted or welded to hood or hatch.** front latch must be removed. A hole in the hood is mandatory and must be no more than eight (8) inches in diameter in the center of the hood. Hood springs must be removed. Hinges must be hooked up. Leave hood open until inspected. **No welding of hood at all.**
 - **IGNITION:** Ignition switch may be altered if a key or toggle switch replaces on/off switches. Switch must be within sixteen (16) inches of steering wheel.
 - **INTERIOR:** All knobs, handles, decks, unnecessary upholstery, or seats must be removed.
 - **PROTECTIVE SCREEN:** A protective bar or screen over the driver's half of the windshield is mandatory. Use one of the following 3 options: 1) heavy construction style with wire mesh; 2) Lexan or Plexiglas sheets; or 3) upright steel bars. **A racing type window net with quick release is recommended on driver's door but not mandatory. Any screen on driver's door must have a quick release, driver must be able to exit from driver's side window opening.**
 - **RADIATOR & COOLING SYSTEM:** Any automotive radiator. Radiator must remain in front of the engine in the stock position or be removed altogether. Worn out radiator brackets may be replaced providing the new mounting brackets do not provide any performance or strength advantage. No angling of the radiator or its brackets. All antifreeze must be removed and replaced with water
 - **REAR ENDS:** Must be stock or year, make and model. Rear ends can be locked by welding spider gears. Axels must remain stock. If axel size or rear end is in question for the make and model the drivers MUST remove rear diff cover and prove the parts are STOCK for the vehicle or could be disqualified.
 - **REAR SEAT:** Both seat cushions must be removed.
 - **ROLL BARS AND WELDING:** A post to post bar may be welded into the driver's compartment for driver safety. It cannot be located anywhere other than behind the driver's seat., from the driver's side post to the passenger side post. It CANNOT be welded to the frame in anyway. Motor mounts may be welded to the cross member (Excessive material use/welding will result in disqualification) Floor to roof roll bar can be welded or bolted to post to post bar. Roll bars must be bolted twice through the roof for safety. Roll bar may be bolted to the frame, floor or rockers. No excessive use of material. May run threaded rod down from post-to-post bar through the frame to

prevent sagging (secured with washers and nuts only) Welding of the frame is NOT permitted. **Bumper can be welded to posts and plates ONLY. That is the only welding allowed on bumper.**

- **SEAT BELTS:** Seat belt and shoulder harness must be worn during competition. Seat belt must be secured to the frame. Shoulder harness must be “quick release” type found in any new auto and must be bolted through the roof unless it was original equipment. Recommended a 5-point harness or better
- **SEATS:** Recommended Racing Seat
- **SUSPENSION:** Vehicle must be factory soft. Shocks, coils, and leaf springs must be stock **for the vehicle. Air ride can be changed to coil springs but must be at stock height.** Springs with spacers, frozen shocks and turned up torsion bars are illegal. Suspension must be operational by one man’s effort. It is recommended that coil springs are wired in place
- **TIRES (All Classes):** D.O.T. tires must be low aggression. No fork-lift or solid tires. All tire’s must be filled with air only. Tires may be double. No split rims. No screwing tires to rims or studding. No extra rubber protection on sidewalls. No welding stem protections. No protests.
- **TRANSMISSION:** A direct shift linkage through the floor is permitted. Transmission coolers permitted but only if they are secured inside the engine compartment.
- **WHEELS & WHEEL WELLS:** No welding of objects on wheels to protect air stems. Remove all wheel weights. Wheel wells may be cut or trimmed no more than one (1) inch for wheel clearance only.

RULES: Rob Clark-(905)912-0510 text or call

COMPETITION: Doug Leonard-(905)981-1119 text or call

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 always remain in the car 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 tolerated, 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.
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