



DOG HOLLOW SPEEDWAY

OFFICIAL 2017 DEMOLITION DERBY RULES

General

- 1) Any year foreign or domestic 2 or 4 door hard top car or station wagon is permitted. No full size leaf sprung wagons, imperials or imperial frames 1973 & older. No open roof cars, If car has a sun roof the hole must be covered. Minimum wheel base will be 107"
- 2) No 4wd, trucks, vans, blazers, jeeps, flower cars, ambulances or limos permitted.
- 3) All cars must have large numbers displayed on both sides of the vehicle and on the roof, Roof signs are allowed. Numbers must large enough to be seen from announcers stand.
- 4) These cars are considered to be STOCK unless specifically mentioned in these rules. No welding, swapping, altering or manipulating parts unless specifically mentioned in the rules bellow.

Inspection

- 1) Only the driver and the car will be permitted in the inspection area. No one else will be permitted in inspection area while the cars are being inspected.
- 2) Officials reserve the right to reinspect any car at any time, before during or after the event.
- 3) Any cars due to receive prize money will be subjected to a reinspection before money is paid.

Stripping

- 1) All glass, plastic, chrome moldings and flammable materials must be removed prior to arriving at the track. DO NOT break the windows inside the doors.
- 2) Cars must be swept clean of debris inside the drivers and trunk compartment.
- 3) All air bags must be completely removed from the car. Air conditioners must be drained and the rubber a/c lines must be cut or removed prior to arrival at the track.
- 4) All trailer/ towing/ push bars etc must be removed.

Body and Frame

- 1) Body mounts must remain STOCK AND IN STOCK LOCATION. However up to four (4) body mount bolts may be replaced, using the same size bolt as the factory did for your particular make and model of car. You may use a washer no larger than 3"x3"x ¼" on your four (4) replacement bolts only. The four (4) replacement bolts are allowed to pass through the floor. These are the only bolts allowed to pass through the floor.
- 2) Do not weld washers to car body or frame, all washers must be free floating. Do not relocate or add any extra body mounts.
- 3) A MINIMUM space of one (1) inch must be present between the body and the frame, do not suck body tight to frame. ****core support does not count as a body mount****



- 4) You may change the front two (2) core support mounts using one (1) 6" long ½" diameter bolt per side. Maximum washer size allowed is 3x3x ¼". You are allowed up to a 3" tall spacer between bottom or core support and top of frame.
- 5) EXCESSIVE patching will be cut! Please call with any questions. **A)** Frame patching--you may patch rusted area(s) with same thickness of metal as factory frame; patch size will be limited to a ½" overlap. No overlapping of patches, all frame patches must have a ½" diameter hole drilled in center of patch. **B)** Body patching—you may patch rusted area(s) with same thickness of metal as area you're patching. Two (2) inch overlap of patched area maximum. No overlapping of patches and no patching over factory seams. Body patching is limited to four (4) patches per car with a maximum size of 12"x12" each. You must prove your rust! (patches for safety issues, including floors will be at officials discretion. Please call if you have any questions).
- 6) Wedging and lowering of trunk area will not be allowed. Trunk lids may be cut or bent to tuck. Quarter panels must remain vertical. Notching and or dimpling of rear frame are allowed DO NOT reweld frame notches. Do not paint or undercoat frames inside or out, Do not grind or buff frames. Frames are to remain stock; only modification to frame is shortening of front frame rails for bumper mounting. Core support mount must remain in stock location.

Cages and Driver Protection

- 1) Minimum diameter for all cage bars is 2.5". The maximum size cage bars allowed to be used are 5" round or square tubing except for the side bars, they may be up to 6" C-channel. You are REQUIRED to have a bar mounted behind the driver's seat. It must run from door post to door post and be securely fastened to the car. You may use a 6"x6"x ¼" plate or angle iron welded to each end of seat bar to aid in mounting. Must be sheet metal to sheet metal only.
- 2) You MAY run a 4 point floating style cage if desired. This will consist of one (1) dash and seat bar and two (2) door bars. All cage bars must be at least five (5) inches from the center of the firewall and floor at any point including transmission and driveshaft tunnels. Seat bar may not be any further back then where the kick panel meets the bench seat. Dash bar may not contour the body, it must run straight across. Door bars may not go past the firewall or past the center of the rear doors. All cage bars must be inside the car with the exception of the roof bar.
- 3) A roof bar MAY be used, it must go straight up and straight across the roof. It may be bolted or stitch welded with one (1) inch welds in 3 places to the roof only. Roof bar must come off of your seat bar or door bars.
- 4) Non door posted cars may weld one (1) post to each side of the car. Bar must be centered on the door seam and may not be bigger than 3"x ½", with no more than four (4) inches extending down the door or onto the roof.
- 5) One windshield bar or chain MUST be used. It must be attached to the roof and cowl area only to protect the driver. It can be either welded or bolted to car. ABSOLUTELY



no rear window bars. Drivers door padding is recommended, no sharp or protruding edges on driver's door.

Hoods, Trunk and Doors

- 1) Hood must have at least a 10"x10" hole on each side of air cleaner for fire personnel. A 12"x12" hole must be cut in the trunk lid for inspection. Hood/trunk cut out bolts may be used. Bolts may be no larger than 3/8" diameter with a maximum washer size of one inch. If using an engine driven plastic fan hood must cover and extend 6" past fan blades.
- 2) Hoods may be secured in 6 places max using 3/8" chain, #9 wire and/or banding. All hoods must be open on stock hinges or removed completely for inspection regardless of cutout size.
- 3) All rear inner decking panels must be removed from station wagons. All body seams must be visible for inspection whether it is pre ran or a fresh car that's pre bent.
- 4) Only the driver's side door may be welded solid using maximum 4" wide 1/4" plate. All other doors and or station wagon gates may be secured in two (2) spots per seam using 4 x 4 x 1/4" plates, 3/8" chain, #9 wire or banding. Six (6) hold downs maximum on trunk.

Bumpers and Bumper Mounting

- 1) Any year OEM bumper only, no homemade bumpers of any kind. Bumper ends may be cut or bent for clearance. If ends are bent there must be a one inch minimum inspection hole in bumper ends. ABSOLUTELY NO SEAM WELDING OF BUMPERS.
- 2) Bumper mounting—you may weld front or rear bumper directly to frame. If doing so you may use one 6"x6"x 1/4" plate maximum per side welded to the back of the bumper to aid in bumper mounting. If you choose to weld bumper directly to frame you may NOT have a bumper shock or bracket in or on the frame.
- 3) If using any combination of shocks or brackets bumper may NOT be welded directly to frame. Shocks and/or brackets may only be welded to the first 6" of the frame. You may weld bumpers to shocks and shocks to brackets. Shocks and brackets must remain in their stock manor.
- 4) Bumpers may be chained or wired to car body in two (2) spots per bumper. If chain or wire passes through hood, trunk lid or station wagon gate it will count as two (2) of your six hold down spots.
- 5) Maximum bumper height will be 22" to the bottom of the bumper front and rear.

Engines, Transmissions and Driveshaft's

1. Engine and transmission swapping between manufactures is allowed. Do not strengthen frames or cross members with mounts. Motor and transmission mounts may be bolted or welded to cross members only. Engines chains are allowed, one chain per side may be used. Bolted to existing factory hole or wrapped around frame only. DO NOT weld chain links together.



2. A factory transmission cross member must be used. Transmission cross members must be within six (6) inches of stock location. You may use 2"x2"x4" long piece of angle iron to aid in cross member mounting.
3. Absolutely no transmission braces of any kind allowed.
4. Transmission and or oil coolers are NOT allowed in driver's compartment.
5. Exhaust may exit under the car or straight up through the hood, some type of air cleaner is mandatory. No open carbs will be allowed.
6. Radiators must remain in their stock location if used. Closed loop cooling systems are allowed as a simple hose to hose connection.
7. Metal engine driven fans must be removed, one plastic racing style fan or one plastic bladed electric fan is allowed
8. Water only in cooling systems. Please drain antifreeze prior to arrival at the track.
9. Two batteries per car are allowed. Batteries MUST be mounted securely to the passenger side floorboard and covered with a rubber mat. We recommend metal frames bolted to the floor, ABSOLUTELY no milk crates. Please do not use zip screws or rubber straps.
10. Distributor protectors of any kind are NOT allowed, all large holes in firewall are recommended to be covered with tin, heavy rubber or fire resistant materials
11. Aftermarket shifters, gas pedals and throttle linkages allowed.
12. Factory drive shafts may be altered to accommodate for length and drivetrain. No truck driveshaft's or slider shafts.

Suspension and Rear-ends

1. Any factory 5 lug rear end may be used; rear end spider gears may be welded or locked together. No rear end bracing or axle savers allowed. Rears may be chained but suspension must still move. You may use one (1) 3/8 max hump chain per side, chains must be vertical. Chains must also run over frame. No bolting of hump chains to frame.
2. Suspension may be raised by using torsion adjustments, spring spacers or blocks. Suspension may not be locked, Suspension must still move. Shocks must be operational. They may be clamped or stuffed with rags but must still travel. Shocks and springs must be from cars only NO truck parts.
3. Factory leafed cars must have factory spring packs with correct stair steps. Two (2) replacement leaf spring clamps per side are allowed. They must be no larger than 2"x5"x 1/4" with 1/2" bolts max.
4. No suspension conversions allowed except air bags to coil springs. Trailing arms must remain stock. This includes watts link style cars.



Gas tanks and Gas

1. ORIGINAL GAS TANKS MUST BE REMOVED COMPLETELY!
2. DO NOT USE WOODEN BOXES TO MOUNT OR SECURE GAS TANKS!
3. No factory plastic or metal tanks allowed! Fuel cells or approved marine style tanks only, no gas cans. Tanks must have secure, leak-proof fittings.
4. Tanks must be located behind the front seat and must be securely fastened with chain, bolts or both. ZIP SCREWS ARE NOT ACCEPTABLE. If you choose to use a steel frame for the purpose of gas tank mounting, it may either be mounted to the seat bar or bolted to the floor sheet metal only. All gas tank frames/mounts may be no wider than 24" and must be at least 4" away from vertical sheet metal on both fresh and pre ran cars. Gas tank mounts may not be used to strengthen the car in anyway.
5. Tanks should be covered with a rubber mat, a metal cover or both.
6. You may run an electric fuel pump; it must have a kill switch that is clearly marked. Please use fittings and good hose clamps and make sure they are tight. Two (2) clamps per connection are recommended. Fuel injected cars must use either steel and/or high pressure fuel line from pressure side of pump to the engine NO EXCEPTIONS!!!!
7. Maximum of 10 gallons of fuel per car. You may run pump gasoline or racing gasoline only. NO ALCOHOL.

Brakes and Steering

1. A working hydraulic brake system is required. You must exhibit the ability to stop. Anyone losing their brakes during an event will be disqualified. Pinion brakes are acceptable.
2. Steering may be altered from the steering box to the steering wheel.
3. No reinforcing of suspension parts

Tires and Rims

1. No studded tires, no liquid or concrete filled tires. Any ply or type of tire is allowed. Foam filled, doubled etc will also be allowed.
2. All wheel weights must be removed prior to going through inspection.
3. Valve stem guards and multi lug weld in centers allowed (no full centers or plated rims).



*****ANY EXTRA WELDING WILL BE COMPLETELY REMOVED*****

If you are unsure of how to do something or have any questions pertaining to the rules or build

Please call or text either

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