

93rd Annual
Navajo County Fair

Demolition Derby Rules & Entry Form



September 12, 2024

Navajo County Fairgrounds

Contestant Information

1. Open to the world.
2. You will be given four (4) wristbands. One (1) for you and three (3) for your pit crew. These will get you through the back gate only. Please make sure that you have these with you, or you will not be allowed in.
3. Enclosed is a waiver. Please make sure you and ALL pit crew members sign it. Without a signature, you will not be allowed in the pit area during the event.
4. All cars will need to check in no later than 6:00 p.m. on September 12, 2024.
5. This event is open to men and women who have a valid driver's license. Drivers must be at least 18 years of age, or 16 or 17 years of age must have permission from their parent/guardian. All drivers and pit personnel must sign waiver of release of liability before entering pit area or track. Entries will be accepted up to one (1) hour prior to race time. All drivers and pit people must attend the meeting prior to race time. ALL WAIVERS WILL BE SIGNED UPON ENTERING THE PIT AREA. THIS MEANS A PARENT/GUARDIAN MUST BE PRESENT FOR ALL MINORS.
6. Remember this is a FAMILY event. Please demonstrate good sportsmanship and have fun!
7. Officials will have the final say regarding judging, inspection, and rule discrepancies.

NO ALCOHOL WILL BE ALLOWED IN THE PIT AREA!!!

Eligible Vehicles

Full Size Cars – Any American or foreign all metal coupe, sedan, or station wagon.

Mid-Size Cars – Any American or foreign all metal coupe, sedan, or station wagon.

Compact Cars – Any American or foreign all metal coupe, sedan, hatchback, or station wagon with up to a 100” wheelbase per factory specifications.

Full Size Pickup Trucks – Any American or foreign ½ ton or larger 2WD pickup trucks or SUV's. 4X4's permitted with one (1) driveshaft removed. All bumpers must be OEM with a max bottom edge height of 24” above the ground.

Prohibited Vehicles – Includes, but may not be limited to, ambulances, cabs, convertibles, vans, or limousines. No vehicles with major fiberglass or plastic components.

****NOTE****

If there is any doubt as to the eligibility of your vehicle, please contact the Fair Office at (928)524-4757, **BEFORE preparing your car for the race.**

Navajo County Demolition Derby Racing Basics

Bring a good attitude with you!

- BE SAFE AND BE SMART.
- Inspections will begin at 4 p.m. They will be conducted by a team of qualified and experienced officials. Please give them your cooperation. Decisions of the officials are final in all cases!
- An air horn blast will start and stop the race.
- You must hit another running vehicle at least every one (1) minute.
- Do not hit a “dead” vehicle (flag down).
- Driver door hits should be avoided if possible. Frequent violations may be a reason for disqualification.
- Stay in the car with all safety equipment on until the race ends.
- A red flag pointed at you by an official means you need to move or hit another vehicle. Obvious sandbaggers can be disqualified prior to the one-minute expiration.
- A red flag raised in the air by an official means stop your vehicle at once. INTENTIONAL MOVEMENT OR DISREGARD FOR THE RED FLAG COULD DISQUALIFY THAT CAR AND DRIVER.
- Any person who voluntarily exits his or her car, removes their seat belt, or waves off a hit prior to the conclusion of the event shall be eliminated from further competition in the event. CAR FIRE IS THE EXCEPTION.
- All cars will display a flag mounted at the driver’s window. At the time a driver declares himself “DEAD” or is declared “DEAD” by the officials, he or she will lower the flag and not move until the conclusion of the event. Any car with a flag up is still active whether it is moving or not.
- Any vehicle declared “DEAD” must stop moving at once.
- The qualifying heats will last three (3) minutes each. The final heat will continue with the remaining vehicles in the race until only one (1) vehicle is running.
- The winners of this event will be determined by the officials. Typically, they are looking for the last car running. To be considered running you must be able to deliver an **aggressive** blow. If the last cars running get hung up with each other, leave your flag up. The officials may decide to have them pulled apart to finish the race.
- Officials have the right to disqualify a car/driver at any time. Any person, in the pit or on the track, causing trouble or not complying with the rules may be asked to leave.
- DECISIONS OF THE TRACK OFFICIALS ARE FINAL!!!

Officials

- They are experienced volunteers who have officiated, built cars, and competed in the past. Please respect their decisions.
- Please do not have contact with the officials during any race! They need to be focused on the track!
- Be alert for the official’s signals while racing!
- Please advise all pit personnel to stay out of the track area during any temporary race stoppages. Teams violating this rule may have their car and driver disqualified.
- Upon request, officials may grant permission to enter the track area for pit personnel.
- Enjoy yourself and have **FUN!!**

Interior Vehicle Preparation

Seats – They may be bench, bucket, or racing style. They must be securely bolted or welded to the vehicle.

Seatbelts –Original factory style or aftermarket seat belts with shoulder harness may be used. Racing style quick release 4- and 5-point restraints may also be used. Shoulder straps and seat belts must be worn at all times while on the track. Seat belts and shoulder harnesses are required and must be factory installed or racing approved. Belts and harness must be fastened with either a 6-inch diameter by 3/16-inch steel plate under the floor or chained around the frame. Shoulder straps must be factory installed or anchored with a minimum of 2-inch diameter washer on top of the roof. All belts will be anchored with a minimum of 5/16-inch diameter bolt or chain, or factory installed to the floor. NO RATCHET STYLE SEAT BELTS OR HARNESES OR FIBERGLASS SEATS ALLOWED.

Battery – Batteries may be relocated inside the car. Battery MUST BE FULLY ENCLOSED AND SECURELY FASTENED to the floor in such a manner that it cannot come loose. All battery boxes must be strapped with a chain or seat belts across the top and anchored to the floor with adequate bolts. The exception is the steel battery box where no strap is needed. Batteries must be covered with floor mat, inner tube, or something nonflammable.

Gas Tank & Fuel – You must relocate the gas tank to the rear interior area for cars and inside the bed for trucks. You must put a sizeable hole in the stock gas tank or totally remove it. A jerry can or boat tank is recommended as a suitable replacement. (NO THINNER OR PAINT OR SIMILAR CONTAINERS ARE ALLOWED.) Tanks must be secured so there is no movement, do not use bungee cords for this. If the tank is not secure, you will not be running. Tanks must have secure caps and be leak proof. Metal flash shields installed between all tanks and drivers are optional. The gas lines and fittings must be leak-proof. A hole must be made in the floorboard for fuel to run-off. Only pump gas is allowed (no nitrous, ether, or “trick” fuels).

Miscellaneous – Vehicles must be clean of all debris and loose items. This includes floor, sidewall pockets, and the trunk area. Officials must be able to see into the trunk area and the rear of station wagons for confirmation. Cars must have at least two working brakes upon entering the track.

Safety Cage/Roll Bar – A rear cross brace must be installed from door post to door post behind the driver’s seat at least halfway up from the floor. The cross brace must be made of a minimum 2-inch pipe and bolted with minimum of two 3/8-inch bolts. Front cross brace is optional. Cars must have one (1) bar attached in center of windshield from roof down to dash area to prevent hood from coming in. Safety cages and roll bars are allowed. Bracing may not go through the passenger compartment sheet metal and fasten to the frame. Roll bars are recommended but are not mandatory. No external body bracing allowed!

- Anything flammable, except front seats, must be removed before reaching the exhibit area. This includes carpet, head liners, back seats, plastic, and fiberglass.
- No fluids or any other flammable liquids in the cab other than the gas tank.
- No more than a 10-inch hole for the shifter can be used.
- If you have a hole in the firewall, it should be covered.
- Trunks must be empty of all debris, spare tires, rims, parts, etc. Wagons must have spare tire flap removed or hole cut in it big enough to see in.

Exterior Vehicle Preparation

Engine Compartment – Engines must remain in their stock location. Fan may be removed. No engine cradles.

Firewall – Hood/chain holes will be as small as possible to allow the chains to pass through. All other holes in the firewall must be covered to prevent flames or fluid from entering the passenger area. Screw holes may be filled with silicone. Heater hose and wiring harness holes can have rubber grommets inserted to block them off. Larger holes must be covered with pieces of metal (no duct tape allowed).

Radiator/Cooling System – No cooling system other than stock is permitted. Radiators and/or fans may be removed. Expansion tanks of stock materials are allowed instead of radiators. Radiator and expansion tanks must remain in the engine compartment as close to the stock location as possible. Radiator overflow hoses must be pointing at the ground and fastened so they cannot shoot water towards officials or other drivers. Transmission coolers, other than stock, must be in the back area below window level. Transmission cooler and all hoses must be adequately shielded from all drivers. A hole must be cut in the floor to allow for runoff.

Doors/Tailgates – All doors must be securely fastened shut by means of strong metal bar clamp (minimum 3/16 inch) or chained with a bolt. Only a 3/16 inch or larger welded type chain is permissible. Chains or clamps are not required if a side iron extends the full length of the door. The driver's door must be reinforced with a minimum of 6-inch channel iron 3/16 inch thick. The minimum side iron length must extend 6 inches on each side of the door. The iron must be bolted with a minimum of two 3/4 inch minimum to 1 1/2 inch maximum bolts, which extend through the inner panels and have a minimum of 6"X6"x3/16" backing plate front and rear. Ends of channel iron must be cut at a 45-degree angle. Side iron on passenger door is optional.

Trunk lids, tail gates, and hoods must be secured. They may be secured shut with bolts or chains as follows:

- a. Bolts must not extend 4 inches past car skin.
- b. Chains must be a minimum of 3/16 inch welded type. Chains must be connected by a bolt no smaller than 3/8 inch with washers. Larger chains and bolts are acceptable if they are not used for reinforcing. (Officials decision.)
- c. Hoods can be bolted in a maximum of four (4) places. Bolt size must be a minimum of 1/2 inch to a maximum of 1-inch. Only two bolts to hood and frame vertical. Washers not to exceed 8 inches. Chains and bolts may be intermixed to equal four (4).
- d. Trunks may be fastened in a minimum of four (4) places. Bolt size of 3/16 inch minimum to 1 inch maximum with washer 8 inch minimum. May be welded solid or a minimum of four (4) places but must be able to see in trunk.

Exhaust – All exhaust pipes must point downward toward the ground or point upward coming out of the hood. Header pipes must be pointing straight up and cannot be aimed towards the front of the car.

Bumpers – Bumpers may be collapsed and welded shut. NO REINFORCING PERMITTED ON THE CARS.

Hood – A large hole at least 6 inches in diameter must be put in the hood for fire extinguisher access. (Not over the flame arrester.) Holes in the firewall must be covered. You must have a suitable flame arrester on the carburetor.

Glass – All glass must be removed including all lights, side mirrors, light bulbs, hub caps, grill, side chrome, and pot metal. Side chrome shall mean anything below the window frame. A car with a sunroof may be run with special features (glass must be removed) but the hole must be covered with screen or metal.

Sheet Metal – Creasing will be allowed but absolutely no bolting or welding down of creases!

Chassis/Frame – Frames must remain stock. Suspension must remain stock. No reinforcing suspension components, including upper and lower arms, tie rods, etc. No lift kits or aftermarket shackles are allowed. No trailer hitches or parts of trailer hitches may be left on the car. No welding of the frame for the express purpose of strengthening it. No fish plates/repair plates on frame.

Shock Absorbers/Struts – Must be functional within their design limits. No welding for the express purpose of strengthening. Officials' decisions are final.

Rear Ends - No braced rear ends. Pinon brakes allowed.

Wheels/Tires – Tires may only be filled with air. NO FOAM FILLED, WATER FILLED OR SOLID TIRES ALLOWED. (No duals or chains may be used). All drive tires must be covered to the bottom of the body. No mag or alloy wheels allowed. No bead locks. No snow tires with metal studs. All season mud tires are allowed. Valve stem covers/guards are ok.

Car Number – Car numbers must be painted on the top of the car and on the front doors. Numbers will be at least 18 inches high, and the outline of the numbers will be at least 2 inches wide. Make your numbers clear and readable and contrast the car color. Use your choice of number, if that number is already being used, you will have to put a letter behind it. Slogans, advertising, or painting may be placed anywhere on the car except the front doors and right above the front doors on the roof. NO PROFANITY, this is a family event.

- If you reinforce anything besides what is stated in these rules, it can be considered illegal, and you will not run. Officials' decisions are final.
- Wheel wells may be trimmed. No shackles or extended or reversed spring shackles will be allowed.
- When repairing or replacing any damaged cars, no material stronger than what you are repairing or replacing may be used. The officials' decision on reinforcement is final. Double centering with washers on wheels is acceptable.
- Motor mounts and transmission mounts may be strengthened with bolts, welds, or chains. The rear end may be locked. Motor straps welded to the frame and bolted to the motor are allowed. Straps can have a maximum thickness of 2"X1/4" flat bar only. Limit to two straps on the motor. This rule is optional.
- Electric fuel pumps are optional. If an electric fuel pump is used, it must have an on/off switch. The switch will be positioned so that ON is up and OFF is down. The switch must be centrally located on the dash or console. It must be in a yellow square at least 4 inches in size. The ON/OFF position must be clearly marked. There must be a 4"X4" letter E after the cars number.
- Horns must be disconnected.

Truck Bed Preparation

*Note – Tailgates are optional!

- Tailgates are optional. If used, they will be secured with a minimum of 6” weld on each side at the top and bottom. They may also be secured shut with bolts or chains (see doors/tailgates section above).
- If not used, the tailgate will be replaced with an X-brace. X-braces will be welded with two components, one from the top right to bottom left and the other from the top left to bottom right. The two components of the X-brace will be welded to each other where they meet in the center and made of maximum 2” pipe or square tubing. Folding of bed is ok. (See sheet metal in cars.)
- Only factory style bumpers are allowed and must be 24” maximum from bottom edge to ground.
- There will be a minimum 6” wide by 24” long metal strap welded vertically between the cab and the bed on each side joining them.
- The bed must be secured to the frame in a maximum of 4 places either with a 6” minimum weld or by wrapping chains from inside the bed around the bottom of the frame. Chains must be minimum 5/16.
- The gas tank will be mounted in the center of the bed at least 10” away from the rear of the cab. A jerry can or boat tank is recommended as a suitable replacement. (NO THINNER OR PAINT OR SIMILAR CONTAINERS ARE ALLOWED.) Tanks must be secured so there is no movement, do not use bungee cords for this. If the tank is not secure, you will not be running. Tanks must have secure caps and be leak proof. The gas lines and fittings must be leak-proof. A hole must be made in the floor of the bed for fuel run-off.

Safety Equipment & Standards

- **Helmets & Goggles** – DOT approved helmets are mandatory. Any driver using an open face helmet will not be covered by insurance if a facial injury occurs. Helmets must be worn at all times while on the track. Full face helmets, goggles or face shields are optional. Motorcycle style helmets with a full-face covering are allowed. Safety glasses or shields are recommended.
- **Clothing** – Mandatory: You must wear long pants and shirt. A fire suit is recommended.

ALL VEHICLES MUST BE EQUIPPED WITH A KILL SWITCH!

The switch must be near the steering wheel and easily accessible from outside of the vehicle.

Registration Form

A separate registration form must be filled out for each entry.

Vehicle #: _____ Driver's Name: _____

Address: _____ Driver's License Number: _____

City/State/Zip Code: _____ Phone: _____

Vehicle Make: _____ Model: _____ Year: _____

Brief Bio (given to announcer to announce during race):

Sponsors: _____

Winnings paid to: _____

ENTRY FEE: \$50 per vehicle

Registrations will be accepted until 5:00 p.m. September 12, 2024

Paid by: _____ Cash _____ Credit Card _____ Check

Date paid: _____ Total paid: _____

Release and Waiver of liability and Indemnity Agreement

2024 Demolition Derby

Navajo County Fair, Inc.

In consideration of being permitted to enter for any purpose any part of the property of the Navajo County Fair, Inc., and/or in consideration of being permitted to compete, officiate, observe, work for, or for any purpose participate in any way in any events being conducted at the Navajo County Fair, Inc., EACH OF THE UNDERSIGNED for himself, his personal representatives, heirs, and next of kin, acknowledges, agrees, and represents that he has, or will immediately upon entering any part of such property, and will continuously thereafter, inspect such property and all portions thereof which he enters and with which he comes in contact, and he does further warrant that his entry upon such property and his participation, if any, in the event constitutes an acknowledgement that he has inspected such property area and that he finds and accepts the same as being safe and reasonably suited for the purposes of his use, and he further agrees and warrants that if, at any time, he is in or about such property and he feels anything to be unsafe, he will immediately advise the officials of the Navajo County Fair, Inc. of such and will immediately leave the area. In further consideration of the foregoing, the undersigned agrees as follows:

1. THE UNDERSIGNED HEREBY RELEASES, WAIVES, DISCHARGES, AND CONVENANTS NOT TO SUE the promotor, participants, track operator, track owner, officials, car owners, drivers, pit crew, any persons in any restricted area, promoters, sponsors, advertisers, owners, and lessees of premises used to conduct the event and each of them, their officers and employees, the Navajo County Fair, Inc., or its directors, officers, or employees, all for the purposes herein referred to as "releases", from all liability to the undersigned, his personal representatives, assigns, heirs, and next of kin, for any and all loss or damage, and any claim or demands therefore on account of injury to the person or property of or resulting in death of the undersigned, whether caused by the negligence of the releases, or otherwise, while the undersigned is in or upon the aforesaid areas, and/or, competing, officiating in, observing, working for, or for any purpose participating in any of said events.
2. THE UNDERSIGNED HEREBY AGREES TO INDEMNIFY AND SAVE AND HOLD HARMLESS the releases and each of them from any loss, liability, damage, or cost they may incur due to the presence of the undersigned in or upon the area or in any way competing, officiating, observing or working for, or for any purpose participating in any event and whether caused by the negligence of the releases or otherwise.
3. THE UNDERSIGNED HEREBY ASSUMES FULL RESPONSIBILITY FOR AND RISK OF BODILY INJURY, DEATH, OR PROPERTY DAMAGE due to the negligence of releases or otherwise while in or upon the said areas and/or while competing, officiating, observing, or working for or for any purpose participating in any event.
4. **THE UNDERSIGNED HEREBY AGREES THAT ABSOLUTELY NO ALCOHOLIC BEVERAGES OR GLASS CONTAINERS WILL BE BROUGHT ONTO THE NAVAJO COUNTY FAIRGROUNDS UNDER ANY CIRCUMSTANCES BY AN DRIVER, CREW MEMBER, PIT PERSON, FAMILY MEMBER, OR ANY OTHER PERSONS. THE UNDERSIGNED HEREBY AGREES THAT NO ALCOHOLIC BEVERAGES WILL BE CONSUMED IN THE PIT AREA BY ANY DRIVER, CREW MEMBER, OR PIT PERSON. I ALSO UNDERSTAND THAT ALL VEHICLES ENTERING THE PIT AREA WILL BE CHECKED BY THE NAVAJO COUNTY FAIR, INC. FOR ALCOHOLIC BEVERAGES AND GLASS CONTAINERS.**

EACH OF THE UNDERSIGNED EXPRESSLY ACKNOWLEDGES and agrees that the activities of the event are very dangerous and involve the risk of serious injury and/or death and/or property damage. Each of the undersigned further expressly agrees that the foregoing Release, Waiver, and Indemnity Agreement is intended to be as broad and inclusive as is permitted by the law of the State of Arizona and that if any portion thereof is held invalid, it is agreed that the balance shall, notwithstanding, continue in full legal force and effect.

THE UNDERSIGNED HAS READ AND VOLUNTARILY SIGNS THE RELEASE AND WAIVER OF LIABILITY AND INDEMNITY AGREEMENT, and further agrees that no oral representation, statements, or inducements apart from foregoing written agreement have been made.

MUST be signed and witnessed with a member of the Navajo County Fair Board present.

_____ Entrant Signature	_____ Print Name	_____ Date
_____ Signature of Parent/Guardian (If entrant is under 18 years of age)	_____ Print Name	_____ Date
_____ Signature	_____ Print Name	_____ Date
_____ Signature	_____ Print Name	_____ Date
_____ Signature	_____ Print Name	_____ Date