

# 90<sup>th</sup> Annual Navajo County Fair

## Demolition Derby Rules & Entry Form



September 16<sup>th</sup>, 2021  
Navajo County Fairgrounds

# Contestant Information

1. You must be a resident of Navajo County or our sister counties of Apache and Coconino to compete.
2. You will be given five (5) wristbands. One for you and four 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 5:00 p.m. on Thursday, September 16, 2021.
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 if 16 or 17 years of age must have notarized permission by 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 hour prior to race time. All drivers and pit people must attend meeting prior to race time.
6. Remember this is a FAMILY event. Please demonstrate good sportsmanship and have fun!

**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. 4 X 4's permitted with one 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 4:00 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 1 minute.
- Do not hit a “dead” vehicle (flag down).
- Driver door hits should be avoided if possible. Frequent violations may be 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.
- 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 or is declared “DEAD” by the officials, he 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 3 minutes each. The final heat will continue with the appropriate number of vehicles remaining in the race until only one 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 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 cars disqualified.
- Upon request, officials may grant permission to enter the track area for pit personnel.
- Enjoy yourself and have **fun!!!**

# **Safety Equipment & Standards**

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

**Seat Belts** – 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.

**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 shield is recommended.

**Clothing** – Mandatory: You must wear long pants and shirt. Fire suit is recommended.

**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).

**Engine Compartment** – Engines and radiators must remain in their stock location. Fan may be removed.

**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.

**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.**

# **Interior Vehicle Preparation**

**Seatbelts**- Seat belts and shoulder harnesses are required. Factory installed or racing approved. Belts and harness must be fastened with either 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 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 HARNESSES 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 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 floor board for fuel run-off. Only pump gas in allowed (no nitrous, ether or "trick" fuels).

**Safety Cage/Roll Bar** - A rear cross brace must be installed from door post to door post behind the driver's seat at least half way up from the floor. The cross brace must be made of minimum 2 inch pipe and bolted with minimum of two 3/8 inch bolts. Front cross brace is optional. Cars must have one 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**

**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 radiator. 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 3/16 inch or larger welded type chain is permissible. Chain or clamps are not required if a side iron extends the full length of the door. 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 ¾ inch minimum to 1 ½ 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 as long as they are not used for reinforcing. (Officials decision)
- c) Hoods can be bolted a maximum of four 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 five.
- d) Trunks may be fastened in a maximum of four places. Bolt size of 3/16 inch minimum to 1 inch maximum with washer 8 inch minimum.

**Exhaust** - All exhaust pipes must point downward toward the ground or pointed upward coming out the hood. Header pipes must be pointing straight up and cannot be aimed toward front of 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 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, pot metal. Side chrome shall mean anything below the window frame. A car with a sun roof may be run with special features (glass must be removed) but the hole must be covered with screen or metal.

**Sheet Metal** - Alteration of stock sheet metal is prohibited (ex: creasing of rear quarter panels or notching of sail panels). No objects may be welded on the vehicle.

**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.

**Shock Absorbers/Struts** - Must be functional within their design limits.

**Wheels/Tires** – The make of tires and wheels is optional. (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.

**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 contrasting to 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 official's 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"X ¼" 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 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, it 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 out of maximum 2" pipe or square tubing.
- 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 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.

# Demolition Derby Site Map

(Race Track & Pit Area)





# Registration Form

(Note: A separate Registration Form must be filled out for each entry)

Vehicle#: \_\_\_\_\_ Driver's Name: \_\_\_\_\_

Address: \_\_\_\_\_ Drivers Lic. # \_\_\_\_\_

City/State/Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

Vehicle Make \_\_\_\_\_ Model \_\_\_\_\_ Year \_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sponsor's: \_\_\_\_\_

Name of Winnings Paid to: \_\_\_\_\_

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## ENTRY FEES: All Vehicles Registration

### **Registration:**

**\$40.00 if submitted by August 27<sup>th</sup>**

**\$50.00 if submitted from August 30<sup>th</sup> through September 15<sup>th</sup>**

**NO REGISTRATIONS AFTER 12 P.M.**

PAID BY: CASH \_\_\_\_\_ CASHIERS CHECK \_\_\_\_\_ MONEY ORDER \_\_\_\_\_

MAKE CHECKS PAYABLE TO: NAVAJO COUNTY FAIR INC.

DATE PAID: \_\_\_\_\_ TOTAL RECEIVED: \_\_\_\_\_

# Release and Waiver of Liability and Indemnity

## Agreement - 2021 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 COVENANTS NOT TO SUE the promoter, 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, Honeycutt Rodeo, Inc., 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 ANY 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 old)	_____ Print Name of Parent/Guardian	_____ Date
_____ Signature	_____ Print Name	_____ Date
_____ Signature	_____ Print Name	_____ Date
_____ Signature	_____ Print Name	_____ Date
_____ Signature	_____ Print Name	_____ Date