

2025 STOCK DEMOLITION DERBY RULES

Race Day –Saturday April 26th, 2025 – 6:00 pm

Pit gates open at 11:1m and close at 5:00 pm. No wristbands will be given out after 5:00 pm

PLEASE READ ALL RULES - SOME HAVE CHANGED!

Must be 18 years of age to enter the pits. NO EXCEPTIONS!

*** Additions beyond these STOCK build rules ***

*** could classify your car as Modified and NOT stock. ***

NEW ADDITIONS/CHANGES for 2025 RULES

- Stock Demolition Derby cars can run in the Stock Figure 8 race with minimal changes.
- Race car style window nets (aftermarket only, nothing homemade) are **MANDATORY** on driver's window.
- Driver's door bar **MANDATORY**.
- two minute rule (Demo Derby) - If you do not move or hit another vehicle within 1 minute, you will be disqualified.
- Bumper can be welded to frame, but no material other than the weld can be used
- 4x4 square tubing can be used for a front bumper. Can't extend beyond fenders. And must be open on both ends

- Drivers door may welded. No more than 16" (inches) in any sequence 4- 4" inches 2- 8" inch etc...
- Skid steer tires allowed. As long as there not foam filled or solid rubber.
- 2 min clock. If you do not make contact with another car still competing you will be timed out.
- Any driver caught using 2 way communication will be automatically disqualified
- Fuel doors must be removed.

Vehicles

1. Open to all foreign or domestic made passenger cars and wagons.
 - NO vehicles with OEM weight less than 3,000 lbs.
 - **NO wheelbases less than 110**
 - NO convertibles, trucks, vans, hearses, limos, or ambulances or cars converted for other uses.
 - NO all-wheel drive cars. Two wheel drive only.
 - NO cars running on Propane, CNG or ethanol.
 - No imperial sub frame swaps
2. Cars **MUST** be able to withstand the dangers associated with this event, including: Roll-over, Driver door impact, Fire, Track debris
3. NO pre 1969 full size Chrysler, dodge or Plymouth vehicles & NO Imperials.
4. Framed cars with carbureted engines are preferred, but Unibody and Fuel injected cars are OK.
 - Please notify officials in advance of event if you are considering running a unibody or fuel injected car, they may require additional modifications to insure driver safety.
5. Pre-run cars cannot be repaired beyond "stock" specs. to run in Stock Class

Interior

6. Door trim and upholstery - Remove and strip all combustibles from interior, including rear seat, carpet and headliner. Dash may be left fully intact. NO sharp points or objects within reach of the driver. Car MUST be clean inside.
7. Safety Bars – 4 point cage for all cars is highly recommended. Mandatory for all cars to have a brace bar from side to side, located behind the driver seat. Brace MUST extend from door ledge to door ledge, lower than driver's shoulder. Use one pipe, minimum 2 inches in diameter and .090 thick; round or square. Weld pipe ends to flange plates, not to exceed 12"x12"x1/4" thick. Flanges MUST be welded securely to interior or sandwiched/bolted through to external flanges. **Driver's door bars (2) are MANDATORY.** Cars MUST be capable of safely rolling over; vertical posts and halo bars OK. Additional bracing may be added for driver protection. Bracing for ONE rollover hoop (round or square) may extend outside drivers compartment. Bracing and interior (Roll) cages are for driver's safety only, not for competitive advantage.
8. Seat - Drivers seat MUST be securely fastened. Bolted or welded to floor and strapped to cross member.
9. Seat belts - Belts for the driver MUST be at a minimum Factory type and shall include a shoulder belt, be in good serviceable condition, and not weathered. Officials will have final say on the condition. A 4 point harnesses is highly recommended.
10. Fire extinguisher required - MUST be in working order, within reach of driver, and securely mounted to prevent accidental dislodge.
11. Firewall -All holes in firewall and floor must be covered with metal or non-flammable material.***note: this is the most common reason for tech failure. Please cover ALL holes in floorboard and firewall.
12. Gas Tanks - Stock gas tanks must be removed. You cannot move the OEM tank to the inside of the car. Gas tank must be a safe container designed to hold fuel (High impact boat tanks or fuel cells) and must be securely strapped with metal straps in the center of car and behind driver seat. Or in the bed secured directly behind the cab. Insure no movement or leaks. Metal tanks and enclosures are preferred. No homemade gas cans. No plumbers tape. All hoses must be double clamped and all lines encased in some form of outer conduit to insure that no fuel leaks inside driver's compartment in case of leakage. Must be able to withstand impact and rollover. NO pressurized lines or fuel pumps allowed inside the driver's compartment. Fuel injected vehicles are NOT recommended and require prior approval to insure safety. Fuel tank to carb needs a shut off valve at the tank, preferably within reach of the driver. Electric pumps should be mounted in the engine compartment with shutoff on the dash or dash cross point.
13. Fuel pumps - Electric pumps are recommended to be mounted in the engine compartment with a shutoff switch on the dash. If mounted inside the car, they MUST be secured and covered to protect from impact with debris and catastrophic failure.
14. Fluid lines through Driver's compartment - NO unwrapped flammable fluid lines inside car - which includes gas, oil, and ATF.
 - Fuel lines running inside driver's compartment MUST be contained within conduit and painted red.
 - Other lines within car should be encased in some form of outer conduit to insure that nothing can leak inside driver's compartment. Wrapping transmission cooler hoses in Duct tape or Aluminum tape is ok.
 - All hose ends MUST be double clamped.
15. Coolers - Heater cores MUST be disconnected from cooling system if left in dash. No engine oil coolers allowed outside engine compartment. Transmission cooler installation inside engine compartment is preferred. If mounted inside passenger foot well:
 - Recommended to be pre-approved to insure safe installation
 - MUST be securely mounted away from driver
 - Completely encased in a sealed box
 - Any line connections should be within the box
16. Battery- The battery must be relocated to the driver's compartment, but it MUST be fully enclosed in a battery box and securely fastened with metal straps to the floor. 24-volt starting system is optional

17. Engine kill switch required - Stock ignition is OK. ON/OFF MUST be clearly labeled.
18. High density foam padding required in driver door and interior steering wheel (example, boogie board or seat cushion); highly recommended on all areas within reach of driver to minimize impact injuries (example, steering column, door posts, etc.)

Exterior/Body

19. External glass and plastic - All windows, headlights, turn signals, body trim and Landau tops MUST be removed. No decorative fabric, carpet or other flammable materials allowed to remain.
20. Driver door - Although driver's door hits are punishable by disqualification, they do happen. To reduce risk, extra reinforcement should be considered
 - Reinforcement is only allowed for the driver's side/door.
 - Steel plate or tubing is allowed inside door cavity. For safety, not competitive advantage.
 - Any reinforcement should not protrude past original opening (No more than 3 inches)
 - Absolutely no sharp edges allowed within reach.
 - Door MUST at minimum be chained front and rear
 - Alternatively seams may be fully welded.
21. Driver's Window - Race car style window nets (aftermarket only, nothing homemade) are **MANDATORY** on driver's window to prevent exposure to elements outside of vehicle during event. Quick releases MUST be in place so driver could quickly exit the vehicle in case of fire or roll-over.
22. Hood, Trunk, and Passenger Doors – In Stock Class, chains or 16” weld on drivers door only welds can be any combination 4 4” 2 8” weld s etc. can not be more than 16” total.
 - Doors MUST be secured with 2 chains, one at each latch
 - Chain diameter cannot be less than 3/16” diameter
 - Hoods and trunk lids can ONLY be chained shut; 4 chains max per hood/trunk.
 - Max length of each chain is 48 inches, ½ inch max diameter.
 - Hood and Trunk will need to be opened during tech inspection.
 - Hood MUST have fire extinguisher access to both sides of engine (min. 4 inch holes)
23. Windshield - Glass MUST be removed. Safety bars (Min 1, Max 3) MUST be added.
 - Bolt/screw/weld heavy duty flatbar post from dash/firewall to roof.
 - Heavy duty (22ga) wire screen or expanded metal (in front of driver) is mandatory.
 - Screen MUST cover no less than 1/3 of the windshield opening.
24. Numbers/Lettering - All vehicles MUST have their registered numbers on both sides, and top of vehicle.
 - A vertical, two sided number plate is required on the roof.
 - ALL numbers MUST be minimum 14 inches tall, with a 1 to 2 inch border around them.
 - Numbers MUST BE contrasting colors.
 - Numbers should be painted with stencils or cut from vinyl lettering.
 - If we can't see your car numbers clearly, we can't score you!
 - No obscenities on cars. Cars MUST be acceptable for a “family” atmosphere.
25. Tires/rims - ANY size/width tires with any tread design WILL be allowed.
 - Aggressive tires ok. Skid steer tires allowed.
 - No studded tires
 - Inner tubes OK
 - Filling with water is OK
 - Screwing tire to rim is OK, No “bead lock” rims.
 - Valve stem protection OK, but MUST not be sharp or protrude from rim.
 - No other reinforcing of wheels allowed.
 - No solid foam filled tires, stacking sidewalls inside or “tire in tire” (one tire per rim).
26. At the end of the event, tires will be inspected closely, and cheaters face disqualification! Bumpers – Only stock automotive bumpers may be used. No excessive replacements allowed.
 - Bumpers may be safety chained, surrounded by a single wrap only, on both ends.
 - The stock brackets and/or chains may be welded to keep them attached.

- No additional braces may be added or welded to bumper.
 - Bumpers cannot extend past the wheels.
27. Body/Frame Modifications - Cars MUST appear and remain as stock as possible.
- Reinforcement only allowed for driver safety and protection.
 - Wheel wells may be trimmed. No sharp edges allowed.
 - No trailer hitches.
 - No “cosmetic” objects protruding from vehicle.
 - No added radiator support. No added bars are allowed in front of radiator or within engine compartment. (If you added radiator protection for the Stock Figure 8, it will need to be removed)
 - No foreign substances (concrete, steel plates, rebar, etc.) inside frame, any body cavities, or passenger doors.
 - Beds must be welded to cab in at least 4 areas
 - Tailgates can be welded or chained .
28. Drivetrain - To be considered for the Stock Class, only limited modifications will be allowed where manufacturer swaps, or between different models of vehicles has been done.
- ONLY stock style OEM engine and transmission mounts allowed, from any manufacturer.
 - Engine and transmission mounts, MUST be STOCK but OK to use any available OEM.
 - Driveshafts MUST be stock automotive type, similar to what would have come in the car.
 - No truck rear end swaps. MUST be of similar automotive type for car.
 - Brakes MUST be in working order.
29. Suspension – To be considered eligible for the Stock Class, car MUST be as stock as possible.
- No welding shocks or adding solid braces to lock out suspension travel.
 - Limiting chains or straps are OK.
 - Suspension arms MUST be stock appearing. Arms cannot be reinforced.
 - Suspension mounting brackets cannot be custom fabricated to be considered stock.
 - Coil springs may be wired, chained or bolted in ONLY. Welding NOT allowed.
 - Cars should not be lifted or lowered.
 - Suspension modifications will only be allowed where a Drivetrain swap has been done.
30. Engine bay – Any engine comparable to what was originally in build vehicle, will be allowed.
- Using other manufacturer’s Engines and drivetrains is allowed.
 - The displacement & number of cylinders should also be close to what was available, and came stock in the model and year of car, that the drivetrain is being swapped into.
 - Switching from fuel injection to carbureted is encouraged.
 - Engine MUST be steam cleaned and free from leaks of any flammable liquids.
 - All cars MUST have a suitable air cleaner or flame arrestor; Carbureted or fuel injected.
 - All cars MUST have two return springs on the carburetor or throttle linkage.
 - All cars MUST use radiator in stock location only. Fans are optional, any type allowed.
 - Exhaust MUST extend beyond driver compartment. Exhaust may come through hood, but MUST extend above top of windshield and point straight up.
 - No nitrous systems, superchargers, or turbos allowed.
 - No systems designed to inject starter fluid, or fuel additives (Filling station fuel only)
31. Pre-Ran Vehicles - No material stronger than stock may be used for repairs. This includes bumper area, frame, steering, suspension, body panel, and radiator supports. No additional welding or material may be added to reinforce frame or body besides those specifically stated in rules above for driver safety. Any cars found with beyond-stock reinforcement or modifications, may end up not having time to fix or remove them, and would be bumped to the Modified Class.
32. **GENERAL RULES - for Driver and Crew** (Typical – All events)
33. Drivers will be held responsible for their pit crew’s actions - Excessive use of profanity, intoxication, and objections or interference to official’s calls will not be tolerated.
- No alcohol, drugs, firearms/weapons of any kind, or fighting. (ZERO TOLERANCE)
34. Age Requirements - To receive “all access” Pit area wrist bands:
- **DRIVERS AND CREW MEMBERS MUST BE 18 YEARS OF AGE**

- MUST show a valid driver's license or ID card if age is questionable.
 - Everyone MUST sign the Fair approved waiver/release form prior to receiving wristbands and entering the arena/pit area.
 - Wristbands will ONLY be given to those who enter from Gate 6 off of Avenue G-8.
35. Driver Safety –Please consider using the best safety gear available, for your protection.
- MANDATORY to wear DOT approved Full face Helmet.
 - Snell Sticker MUST be intact at inspection (SA 2005 or newer).
 - MANDATORY to wear long sleeve shirts, long pants, and gloves.
 - MANDATORY to wear Goggles or approved eye protection
 - Eye protection MUST REMAIN ON while on track.
 - Fire suits and fire resistant “racing/driving shoes” recommended.
 - Fire-proof foam neck collars are highly recommended.
36. Tech inspection - Adherence to the Build Rules and safety will be done via driver's consensus. Each car may require additional inspection, if so, 2 committee members will be selected to inspect the vehicle in question. Officials may inspect before, after, and even during an event.
- After tech, there is to be no further modification of car. If caught, you may be disqualified or not permitted to run if car cannot be re-teched. (Time allowing) Only ‘tuning’ of car is allowed.
 - If your vehicle is unable to pass tech inspection and is deemed unable to race, you are disqualified. There is NO REFUNDS. NO EXCEPTIONS.
 - Any driver or crew member has the right to inspect any car ‘Post tech’ and after events.
 - a. If anything is contested - **ONLY DRIVERS CAN PROTEST.**
 - b. Protests can be made to Event Director ONLY.
 - c. Protests MUST be accompanied with \$100 cash bail.
 - d. Protests MUST be filed in person no later than 15 min after event.
 - e. If validated, the money will be returned to driver who protested.
 - f. If by consensus, nothing ‘wrong’ is found, the protested driver would get the \$100 cash bail.
 - g. Any car found to have been modified after tech (to avoid discovery) may be DISQUALIFIED.
 - Tech representatives will be available to answer any questions, and Tech inspections will also be available to pre-inspect your vehicle up until the day before the event. These visits are as a courtesy to you. Contact the AV Fair Motorsports Committee for more information. See below for contact info.

Basic Event Rules (Demo Derby)

37. During the event, it is “every man for himself” (or woman...). Team atmosphere in the pits is highly encouraged, but obvious **TEAM DRIVING AND/OR SANDBAGGING WILL NOT BE ALLOWED** as it has a negative impact on the quality of the show for the fans.
38. **two minute rule (Demo Derby) - If you do not move or hit another vehicle within 2 minutes, you will be disqualified. Drivers will be asked to ‘pull their flag’ and are seen as ‘out of contention’.**
39. **DO NOT HIT DRIVER'S DOORS.** Drivers MUST do everything within their ability to avoid contact with a competitor's driver door. Also effort MUST be made to avoid hitting vehicles that have ‘pulled their flag’ or are broken down and ‘out of contention’. Intentional driver door contact and/or reckless driving resulting in substantial impacts to vehicles ‘out of contention’ will warrant an immediate black flag. Any continued ‘accidental’ hits will be seen as intentional.
40. With or without driver's acknowledgement of warning, the event may be allowed to continue, and an offending car/driver DISQUALIFIED in consideration of time, or another driver's safety.
41. Driver MUST remain in control and pay attention to the flagmen at all times. The red flag indicates an emergency. All drivers MUST come to a complete stop. Any car failing to stop at the red flag puts other drivers and safety crew at risk and may be disqualified.
42. Driver's MUST stay in their cars with helmet and seat belts on and fastened until the event is over and has been stopped completely before it's safe to exit vehicles.

Competitor Information (Typical – All events)

43. All participants realize that this is can be an inherently dangerous sport. These rules are designed to make the event as safe as possible. There is **NO** expressed and/or implied warranty of safety or assurance resulting from the publication, or compliance with, these rules and regulations. All participants and crew members assume **ALL liability** and will be required to sign a liability release form.
44. In the event of a serious injury during the event, both or all vehicles involved may be impounded and subject to teardown.
45. All drivers and crew members **MUST** attend the race day meeting. Time determined day of race.
46. **Pits open at 11:00am and close at 5:00pm on race day.**
47. Signing the entry form and paying the entry fee implies a total understanding of all rules in regards to this event, as does signing the release of liability to awareness to all risks involved.
48. **Registration is \$100.00 up until 4/24/2025, Race Day Registration is \$200.00. NO EXCEPTIONS!!!**
49. Event participants will receive One (1) all access armband for competitor along with Two (2) all access armband for crew members. Additional armbands may be purchased for crew members at the gate, each additional armband is \$20
50. Note: Any rules may be amended at any time in the interest of safety, up to and including the day of the event.

***** If you or someone you know has any questions about the rules and/or regulations contained in this packet, please feel free to contact Dave Garcia.**

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Special Notice

All decisions of the officials and/or management of the Antelope Valley Fair, and/or the Race Safety Committee shall be considered final. The spirit and intent of these rules, with the safety of all drivers in foremost in mind, shall prevail. The Antelope Valley Fair Management reserves the right to limit the number of entries. Further, the Fair Management reserves the right to impose such other new rules and/or requirements as may be required by the State of California or the insurance carrier after the publication and dissemination of the above rules and this application prior to the race event commencement, without liability to the drivers, car owners and sponsors. It is the entrant's responsibility to furnish the Fair, along with this application, the correct sponsors and drivers name for program purposes, and the Fair assumes no responsibility for any inaccuracies that may occur. Car numbers will be assigned by the Fair, after receipt of your application. Car numbers requested are not guaranteed until the Drivers Meeting.

NO alcoholic beverages, containers or coolers of any kind will be allowed in the infield or pit areas. Possession of alcoholic beverages in the infield or pit areas will be cause for immediate disqualification by the officials, including driver, crew members, etc. Entrance fee will **NOT** be returned. Obscene words, emblems, symbols, etc. fastened to or on the vehicle, including tow vehicles, will not be allowed and may, at the discretion of the officials, be grounds for disqualification. The race official, in lieu of disqualification, requires the painting out or removal of such at any time. Your cooperation in keeping this family entertainment is requested.