

# **Desert Empire Motorsports Organization (DEMO) 2025 Destruction Derby Rules**

1. All entry forms must be sent or delivered to Alexis Byrd, 1259 N. Everett Street, Ridgecrest Ca. 93555. Checks made payable to Desert Empire Fair and received no later than October 05, 2025. **NUMBERS WILL BE ASSIGNED AFTER ENTRY HAS BEEN RECEIVED. NO SAME NUMBER FOR THE SAME CLASS!**
2. Pre-Entry Fee is **FREE** before October 05, 2025, after October 05, 2025, entry fee is \$100.00. Entries are for CAR ONLY. Entry fee (if late) must be included with the entry form and filled out completely and legible. **ALL** Pit passes can be purchased for \$30.00 each at the pit gate on the day of event.

## **GENERAL INFORMATION**

1. Drivers must be 16 years of age and have some form of Driver's License.
2. Cars must be at the check-in gate no later than 1:00 pm on race day for inspection, **NO EXCEPTION!!**
3. Children under 14 are not allowed in the pits, there is no exception!
4. All cars must be removed after the event (unless previously arranged with Debbi Benites) they will become property of Desert Empire Motorsports Organization.
5. No speeding in the pit area. The speed limit is 5 MPH. NO passengers in derby cars during the race.
6. Management has the option to remove anything obscene or objectionable from any car entered. **No POLITICS Allowed!**
7. All decorations must be removed prior to racing.
8. Winning cars are subject to inspection after the races are over.
9. The ruling of the officials is final. Unsportsmanlike conduct will not be tolerated.
10. All drivers are responsible for cleaning their pit area.
11. Drivers' door must be painted a contrast color.
12. Anyone arguing with officials will be grounds for disqualification.
13. The drivers' meeting will be held after everyone has passed tech and cars are in impound.
14. Drivers are responsible for the actions of their crew members.
15. **IF IT IS NOT IN THE RULES PLEASE ASK BEFORE ASSUMING IT'S ALRIGHT (THERE IS NO GRAY AREA)!!!**

## SAFETY INFORMATION (Mandatory)

1. All drivers must wear helmets, shoes, long sleeve shirts, gloves, and long pants (no shorts).
2. Driver door hits WILL NOT be tolerated. There is no intentional driver door hit. So, if you hit a driver's door you will be DISQUALIFIED from that class.
3. Drivers MUST remain in their vehicle throughout the event until the checkered flag flies with all SAFETY gear on!

## TECH INFORMATION

1. All cars will be inspected between 10am and 2pm.
2. Decision of the officials is final in ALL cases.
3. After your car is inspected it will be impounded, ONLY the driver will be allowed in the impound area. You CANNOT work on your car in the impound area.
4. Cars not passing inspection will return to the pit area to fix any problems and return to inspection.
5. Only driver and one pit crew member in the tech area allowed. We don't need the entire crew.
6. **If your car is not being teched YOU DO NOT NEED TO BE IN TECH!!**
7. The first car to pass tech on the first inspection will receive \$100.00.
  8. **IF IT IS NOT IN THE RULES PLEASE ASK BEFORE ASSUMING IT'S ALRIGHT!!!**
9. Winning cars are subject to inspection after the races are over.
10. Hood must be open.

## SCORING INFORMATION

1. No playing possum. You must keep moving and hitting with authority. Any car standing for 2 minutes without hitting will no longer be scored. The 2-minute hit rule will be enforced.
2. Anyone entering the scoring tower will be disqualified.
3. If you have a scoring issue please do not go to tower till derby is finished.

**NO ALCOHOL IN THE PITS BEFORE OR DURING THE EVENT. YOU CANNOT HAVE A PIT WRISTBAND AND GET ALCOHOL FROM THE BEER BOOTHS! ANY DRIVER OR CREW MEMBER THAT IS CAUGHT DRINKING OR UNDER THE INFLUENCE OF DRUGS WILL BE IMMEDIATELY DISQUALIFIED AND ESCORTED OFF THE PROPERTY. THERE WILL BE A ZERO TOLERANCE FOR THIS!**

General & Scoring Questions please call Alexis (760)793-2010

Tech Questions please call Billy (760)608-0564

# **Full Size Truck/SUV Class Ridgcrest DEMO**

## **Rules 2025**

### **General**

1. The Truck/SUV Derby is open to any full-size American made  $\frac{1}{2}$  ton or  $\frac{3}{4}$  ton pickup trucks or SUV's. Crew or King Cab trucks are allowed. 4 X 4 trucks are allowed but you cannot run the front driveline. No 1 ton! No dually's or military vehicles. Stock truck beds only, no utility boxes.
2. Previously run pickup trucks are allowed if they meet the rules.
3. Remove all glass, plastic, chrome, exterior mirrors, lights, grills, gas tanks, trailer hitches, rear seats, and flammable material. All preparations must be done prior to coming to the event.
4. Material sizes, unless specified in rule are as follows: Chains  $\frac{1}{2}$ ," Welding filler  $\frac{3}{8}$ " rebar or  $\frac{1}{4}$ " x 2" flat stock. All are maximum sizes.
5. Standard cab trucks need a window net of some kind and must be installed behind the driver in rear window opening.
6. We require that no antifreeze be used in your radiator, only water. Automatic transmission lines must be looped or ran to a cooler inside your car.
7. Stock gas tanks must be removed.
8. Fire Extinguisher must be mounted inside car within reach of the driver. Original mounting brackets must be used, NO TAPE or TIE STRAPS allowed.

### **Bumpers and Brackets**

1. You can use any 5-mph bumper or homemade bumper on any truck.
2. Bumpers must be no more than 24" from the track surface to the bottom of bumper.
3. Bumper seams may be fully welded. No filler rod is allowed.
4. Bumpers may be trimmed.
5. Homemade bumpers may be made from 4" W X 6" H X  $\frac{1}{4}$  inch mild steel square tubing, must have open ends to see through. Bumper cannot go past the width of the fenders and must be square with no sharp points on the ends. Homemade bumpers cannot extend past the center (middle) of each front tire on either side. No point on rear bumpers.
6. Bumpers may be installed using 6" X 6" X  $\frac{1}{2}$  inch thick flat mounting plates, must be welded to the bumper sideways then welded to the bracket.
7. Brackets may be 14" X 4" X  $\frac{1}{4}$ " inch thick flat plate.
8. Front bumpers may have two 12" L X 2" W X  $\frac{3}{16}$  inches thick flat strap. Straps must be vertical position and welded three inches to the bumper and three inches to the core support to help hold the bumper on.
9. No angle/corner gussets on bumper brackets to the bumper.
10. The Maximum length of homemade brackets must be 14" long front and rear.
11. Homemade brackets may only be welded to the outside of the frame, unless they have a steering box on outside, you can weld them on inside of the frame.

## **Cooling**

1. Radiators must be stock automotive radiators. Radiators must be brass, copper or aluminum.
2. No homemade steel radiators or steam tanks.
3. The radiator must be in stock position. Radiators may not be welded in.
4. Ratchet straps, bailing wire or bolts may be used to secure the radiator. No radiator protectors.
5. You may only use one AC condenser in front of the radiator, if used.
6. The AC condenser may be bolted with 4, 3/8-inch-thick bolts, with washers no bigger than one inch or welded six inches per side with 2" X 1/8-inch flat strap no longer than 3 inches and no more than 4 per AC Condenser.

## **Drive Train**

1. Engine swaps are allowed. Engine setbacks are allowed no more than two inches past the firewall of truck.
2. You may cut a hole, 12" X 12" in the fire wall for the distributor. The hole must be properly covered.
3. Electric fuel pumps are allowed, must a shut off/kill switch for fuel pump.
4. Transmission coolers are allowed. Must be mounted in cab area.
5. Homemade cross members are allowed maximum 2" X 2" X 1/4 inch thick square tubing. No bolting the cross member for the transmission to the body on a full frame truck.
6. Standard transmissions are allowed.
7. ALL 4 WHEEL drives are required to pull one drive shaft!
8. Aftermarket gas or brake pedals and cable shifters are allowed. May only be bolted to the floor. Cable shifters may be bolted to the floor or transmission.
9. Slider drive lines are allowed.

## **Suspension**

1. Stiff suspension is allowed. A-frames may be welded maximum 8 inches per side to the frame, with 2"X 2" X 3/16" inch flat strap on trucks with a arms.
2. The center and sides of A-frame may be beat down and welded, if you are able to still see underneath it.
3. Tie rods and drag links can be reinforced with metal. No welding metal in the springs to raise the truck. Spring/Twist spacers may be used.
4. No re-enforcing suspension. Suspension parts may be swapped if they bolt on, and they must be stock truck parts.
5. Aftermarket weld in ball joints and aftermarket tie rods are allowed. No aftermarket spindles.
6. Leaf springs must be stock. No after mark springs or shortened springs if you are missing leaf springs you may use other leaf springs equal to what is missing to replace what is missing.
7. No leaf on top of the main leaf. No extra leaf's, no tape or welding on springs, no motor home leaf springs. No coil leaf conversion.
8. Four spring clamps per spring are allowed front and rear, no wider than 2 1/2 inches, no welding clamps to the frame. No welding leaf springs at all.

9. You may have two bump stops in the front and rear, no bigger than 2" X 2" X ¼ inches square tubing, welded to front axle to the frame and rear end to the frame with ¼ inch weld top and bottom must be vertical with no added metal.

### **Cages**

1. Side bars are mandatory. 2 Side bars may be no bigger than 15" X 4" X ½ thick C channel, side bars may touch the fire wall and be welded to it and welded to rear of cab, if you are running 4 door truck or SUV side bars may go no further than middle of second door.
2. No more than three cross bars they may be no bigger than 6" X 4" X ¼ inch thick square tubing. One in front where the dash goes and must be at least six inches from the fire wall. The other two bars must be placed behind the driver's seat.
3. The front bars may have two kickers going to floor plan 6" X 6" X ¼" no bigger than 6" X 6" X ¼" thick square tubing. Back cross bars may be connected to frame, welded to top of frame only with 2" X 2" X ¼ inch thick square tubing.
4. Halo bars are mandatory. Halo bars must be in a vertical position (90°). Halo bars may be welded to side bars or cross bars 4" X 4" X ¼ inch thick square tubing may be used as a bar. Halo bars may not be welded to roof, and it may be bolted with 4 - 5/8 bolts with washers. Halo bars above the cab must have two kickers from halo bar down to frame at an angle.
5. One front window bar is mandatory. Bars must be positioned in the window seam area. 2-inch maximum material may be used as a bar. You may use 4" X 4" X ¼ inch thick flat plate to mount the window bars and cannot connect to halo bars.
6. Driver's seat may be welded to the floor and cannot be welded or bolted to the frame. No plate is allowed under the driver's seat.

### **Batteries**

1. Two automotive type batteries are allowed for the motor. Motor batteries are only allowed on the front passenger floor.
2. Third battery may be used for transmission cooler or electric fan only.
3. Batteries must be securely bolted to the floor in a battery box.
4. No welding battery tray to door bars. No bolting batteries trays to cross member or frame.
5. Batteries must be properly covered.

### **Tires and Brakes**

1. Valve stem protectors are allowed. Valve stem protectors must be welded securely.
2. No zip screwing rims to tire. No bolting rims to tires. No bead locks.
3. Wheels may not be reinforced.
4. All 4 brakes must show the ability to stop.

## **Body**

1. All doors may be welded solid with ½ inch thick filler rod or 2" X 2" X 3/16-inch-thick flat strap.
2. Hoods can be secured using: six lengths of chain or six locations of 5" long pieces of 2"x2" angle iron welded back-to-back with a max of 2 bolts through them (any placement) NOT BOTH.
3. Hoods one inch all thread allowed. All thread can be welded to the top of frame at core support only. Rear thread can only be plate mounted at corner of hood and fender, not attached to frame.
4. Hood There must be a 12-inch hole cut in hood over carburetor for fire protection. No coverings of any kind over said opening.
5. No extra metal or plate is allowed on the outside of the doors.
6. No welding the inside of the doors.
7. The window opening on the doors may be pinched and welded or you may use a 2" X 1/8-inch-thick flat strap to weld and fill the gap. If flat strap option is used, you must drill a hole in it for the thickness to be measured.
8. Driver's side door only may be reinforced, or foam filled, you can do a maximum of 3 door bars.
9. Truck Beds may be welded fully to the cab along the outside and the top with 2" X 2" X 3/16-inch flat strap.
10. Tailgates and rear doors on SUV's must be welded with a 2'X 2' X 3/16-inch-thick flat strap and only trucks may be welded inside of the tailgate with 2" X 2" X 3/16-inch-thick angle iron, SUV's may not weld inside of back doors.
11. Fenders may be cut out.
12. Fenders are allowed to have 4, 3/8-inch-thick bolts, with washers no bigger than one inch above the tire to secure the inner to the outer.
13. Quarter panels may be cut out and rolled.
14. Quarter panels are allowed to have 4, 3/8-inch-thick bolts, with a washer no bigger than one inch.
15. All body bolts may be replaced with 5/8-inch bolts with 6"X 6" X ¼ inch thick flat plate as washers. All top body washers may be welded down with ¼ inch thick weld. No bottom washers can be welded.
16. No pinning the frame or running bolts through existing holes.
17. Frame notching is allowed. No welding the body to the frame.
18. No folded bed rails or tail gates.
19. No wood beds allowed.
20. Truck beds must have all 4 corners chained down.

## **Rear end**

1. Rear end swaps are allowed, no one ton rear ends allowed must be only eight lugs.
2. Aftermarket rear ends are allowed if they meet the rules.
3. Pinion brakes are allowed. Locked rear ends are allowed.
4. Chaining rear end to frame is allowed, no welding chain to frame. No welding links together. Chain is only allowed one time around with bolts, not around body, no longer than four feet and half inch thick chain.