

**Yerington/ Mason Valley
Demo Derby Rules
100 Hwy 95A East
6:00PM SATURDAY
August 16th 2025**

Revised: 11/30/2023



Classes include Mini's, Stock Cars, and Trucks.

Minis: (No convertibles, or imperials permitted) with cars being four (4) or six (6) cylinder engines only.

Regular Stock Cars: No convertibles, or imperials permitted.
(No commercial vehicles, RV's, or four-wheel drive vehicles allowed)

GENERAL RULES:

1. ALL decisions made by derby event officials are final. No appeals. Any arguments and/or violations can result in disqualification and ejection from the fairgrounds.
2. Alcohol and/or drugs shall not be consumed prior or during the event. This will result in expulsion from the derby event.
3. The derby will be limited to a maximum of thirty (30) participant vehicles, on a first come, first serve basis.
4. At the time of registration, numbers (no letters) will be issued to or selected by the driver. Numbers shall be displayed on both sides and the roof of the vehicle.
5. Four numbers maximum with at least twelve (12) inch tall digits and visible from 100 feet away. Roof signs are allowed but not required.
6. Each successful entry will receive three (3) pit passes. You will be able to buy two (2) additional. Five (5) total for each team.
7. Passes will be issued only after successful car check-in. If a car does not pass inspection or does not participate in the derby then no passes will be issued.
8. ALL participants in the pit area must sign a liability waiver prior to entry.
9. Owners of any parts or items left at the fairgrounds after twenty-four (24) hours will be charged fees for removal.
10. The applicant/driver is personally responsible for any willful or malicious damage caused at the Lyon County Fairgrounds.
11. Removal of cars, equipment, and debris is the sole responsibility of the driver/ crew after the event is finished.

PIT SAFETY AND RULES:

1. NO drugs or alcohol in the pit area. This will result in expulsion from the derby event.
2. NO children under 16-years-old allowed in the pits.
3. Pit speed limit is two (2) MPH.
4. Minimize tire spinning in the pits. No showing off or unsafe driving in the pits.
5. Cars must pass a pre-inspection prior to entering the pit area.
6. All inspections are the responsibility of the pit officials. ONLY the driver and one (1) mechanic will be allowed at the inspections/check-in location during the inspection of THEIR car.
7. The order of entering the pits will be according to the order of passing inspection. 1st car approved will be first team allowed to enter the pits. If your car doesn't start, you will be bypassed.
8. No modifications done to reinforce vehicle after passing tech. Vehicles that have passed tech may be placed into quarantine until the pits open up.
9. ALL participants in the pit area must sign a liability waiver prior to entry.
10. One (1) support vehicle allowed per contestant.

ARENA AND EVENT RULES:

1. During each heat or event only the vehicle driver, fire personnel, and judges are allowed in the arena. ABSOLUTELY NO EXCEPTIONS! WILL RESULT IN DISQUALIFICATION!

2. Vehicles must run in heat to qualify for Main Event. Top four of each heat qualify for the Main Event.

A. Powder Puff sign in will be conducted after the final heat with a minimum of four cars needed to run the heat. This will also be at the discretion of the judges.

3. 1st, 2nd, 3rd and 4th place of each heat will take primary spots in the Main Event. If the arena judges decide there is room for more vehicles, all running vehicles that ran in a heat will be allowed in Main Event.

4. NO hitting of driver's side door. THIS WILL RESULT IN DISQUALIFICATION. Unavoidable hits will be assessed at judge's discretion. One (1) warning will be given on accidental driver door hits (at judge's discretion).

5. Drivers must be fully dressed in long pants and short sleeves shirt. Crash helmets and seat belts MUST be worn. Shoulder straps are optional. Face shields or eye protection MUST be worn while driving. Drivers must furnish their own supplies, equipment and tools.

6. A two (2) minute time limit will be used by the judges in determining disqualification of cars due to mechanical difficulties or failure to make contact with another contestant.

7. After two minutes of no contact between the last two cars, there will be a thirty (30) second time limit. If no hit is scored, the winner will be named. Sandbagging is NOT allowed

8. The last three cars must make a hit within two (2) minutes.

9. All black-flagged cars must display their flags within thirty (30) seconds of disqualification.

10. All completely disabled cars must display their flags.

11. Driving outside the boundaries must be cautious and limited to need.

12. All vehicles brakes MUST work before entering the event

13. Excessive "tag-teaming" will result in one (1) warning and may result in disqualification (at the arena judges' discretion).

14. Authorized retrieval personnel will assist in the removal of vehicles after each event.

BEST LOOKING CAR:

1. Best looking Car will be decided by the crowd at the beginning of the event. Any driver wanting to enter their car for judging will make note during inspection.

2. The Best-looking Car Candidates will enter the arena and lineup prior to the event starting.

3. A flag will move from car to car getting the crowds response. Best-looking Car will be awarded to the vehicle receiving the best response from the crowd.

4. If a ruling is needed to make a final call, it will be at the Fire Dept.'s Derby staff to finalize.

5. The awarded Best-looking Car will then remain in the Arena and the Event's National Anthem will be sung or played.

MINI'S:

Any passenger car, hatchback, or station wagon with a 4 or 6 cylinder engine with a stock wheelbase of 108" or less is allowed

Hoods, Trunk, Body:

1. All car glass, aluminum, plastic, fiberglass, chrome, pot metal, door handles, key locks, door plastics, mirrors, heater core suitcases, wheel weights, any hazardous fluids, all seats except the driver seat, and all loose debris MUST be removed from the car.

2. Hood MUST have a twelve by twelve (12"x12") inch hole for fire suppression

3. Hoods may be bolted with four (4) one (1") inch bolts. The front two (2) bolts may contact the frame by welding or bolting. On the core support only, the back two hood bolts may attach to a six by six (6"x6") inch corner plate only, but not to the frame.

4. All doors must be welded on the outside only,

A. Or must have at least four (4) bolts 1/2" in size on each door

B. Or chains or cable at least 3/8" in size.

5. Fully welded door seams are allowed. Filler stock must NOT exceed 1/2" diameter bar stock or 1/8" inch thick, two (2) inch wide flat strap.

6. Optional plate, channel, or other means of reinforcement may be secured to the interior of the DRIVER'S DOOR ONLY for added protection.

7. Driver seats must be securely mounted (bolted or welded to the floor)

8. Body creasing is allowed.

Fuel tanks, Fuel pumps, Fuel lines:

1. Fuel Tanks: OEM tanks are allowed if they are in the center of the vehicle or in front of rear axle. Fuel cells or metal fuel tanks are allowed (Refer to stock car rules for regulations)
2. Factory fuel lines are allowed. If running fuel cell or a non-stock tank- (Refer to stock car rules for regulations)
3. Starter fluids are NOT permitted in car during the event.

Bumpers:

1. Halo Bars are permitted. (Refer to stock car rules for regulations)
2. Bumpers: 5 MPH bumpers are acceptable, seams may be welded solid.
4. Bumpers may not be stuffed or loaded, or swapped front to rear.
5. Bumpers must be stock, and not aftermarket. Any original passenger car bumpers allowed but must NOT be wider than the outside of the tires. (Refer to stock car rules for unacceptable bumpers)
6. Homemade Bumper brackets are acceptable. The max size is 24" L x 3" W x 3/8" thick measured from the back of the bumper and may be welded to the outside of the frame only.
7. Bumpers may be welded to frame or unibody
 - A. Or bolted with a max of eight (8)- 1/2" bolts

Tires, drive train:

1. Mud and snow tires are acceptable, twenty (20") inch maximum rim size. Air filled only. No bead locks, no screw bolts or studs in tire.
 - A. Air-filled tractor tires permitted. (NO solid tires allowed!)
2. 4WD/AWD cars must be altered to operate in 2-wheel drive only. You may choose either front or rear wheel drive

Batteries:

1. Batteries: (Refer to stock car rules for battery regulations and mounting regulations)

STOCK CARS/ TRUCKS:**Hoods, Trunk, Body, Frames:**

1. All car glass, aluminum, plastic, fiberglass, chrome, pot metal, door handles, key locks, door plastics, mirrors, heater core suitcases, wheel weights, any hazardous fluids, all seats except the driver seat, and all loose debris MUST be removed from the car.
2. Hood MUST have a twelve by twelve (12"x12") inch hole for fire suppression
3. Hoods must be able to open for inspection, unless its pre-run then it is the official's discretion
4. All doors must be welded on the outside only,
 - A. Or must have at least four (4) bolts 1/2" in size on each door
 - B. Or chains or cable at least 3/8" in size.
5. Fully welded door seams are allowed. Filler stock must NOT exceed either:
 - A. 1/2" diameter bar stock
 - B. 1/8" inch thick two (2") inch wide flat strap.
6. Optional plate, channel, or other means of reinforcement may be secured to the interior of the DRIVER'S DOOR ONLY for added protection.
7. Engine hood must be stock and chained or fastened. Cut hoods are acceptable but must not exceed the front edge of the radiator. Hoods may be bolted down if bolt threads are flush with top of nuts, hair pins are acceptable. One (1") inch in size all-thread can be used from the frame or body in the four (4) corners of the hood. Two (2) allowed on the trunk.
8. Factory body mount must be in place
9. All stock OEM frames for the vehicle.
10. All body bolts must be in original OEM position only. Body rubbers must be left intact.
11. You may cold tilt (or cut factory welds then re-weld them) only at the crash box, NO additional metal is permitted! Frames may be V-notched.
12. Body creasing or seaming is acceptable but NO welding or screwing of any created seams or creases.

13. The firewall may not be manipulated or shaped. However, the center of the firewall may be removed for distributor. ANY AND ALL holes through the firewall MUST be covered.

14. The driver side windshield may have window netting or chicken wire type material for driver's safety.

Suspension:

1. Front suspension must be stock OEM parts to the original vehicle. Reinforcement or modification to the A-arms is NOT allowed

2. A-arms may be welded or bolted to set ride height only. A-arm weld plates can be up to- 2" W x 4" L x 1/4" thick

3. Tie rod stiffeners are allowed on OEM tie rods. Material NO bigger than 1"x1" angle iron OR 1/2" round bar may be used.

Bumpers:

1. Bumper heights NOT to exceed eighteen (18") inches measured from the bottom side of the bumper to the ground. A-arms may be welded or bolted to set ride height only.

2. Homemade Bumper brackets are acceptable. The max size is 24" L x 3" W x 3/8" thick measured from the back of the bumper and may be welded to the outside of the frame only.

3. Pre-ran vehicles will have to meet the 18" front ride height only.

4. 5 MPH bumpers are acceptable. Seams must be welded solid.

5. Bumpers may NOT be stuffed, or loaded

6. Bumpers must be OEM style, Any OEM bumper may be used but must appear to be close to original passenger car stock and size.

A. Unacceptable bumpers include: "C" channel, steel plates, rectangle or square tubing, cutting edges, off-road bumpers, or bash bars.

7. Front bumpers may have two (2) 16" L X 2" W X 3/16" inch thick flat strap. Straps must be vertical position and welded four (4") inches to the bumper and four (4") inches to the core support.

Engines, Transmissions:

1. Engines may be swapped.

2. NO full-size engine cradles are allowed. NO mid plates are allowed. NO trans brace allowed.

3. Transmission Cooler/Puke Tubes are permitted.

4. Homemade Transmission cross members are allowed maximum 2" X 2" X 1/4" inch thick square tubing. But extra transmission bracing or reinforcing is NOT allowed.

5. Aftermarket gas or brake pedals and cable shifters are allowed.

6. Motor mounts may be welded. Either eight (8") of weld to frame OR cross member is allowed.

7. You must have an air cleaner covering the carburetor at all times.

Fuel tanks, Fuel pumps, Fuel lines:

1. Fuel tanks MUST be removed. Auxiliary fuel tanks will be placed in the middle of the back seating area and must be secured with at least:

A. Two (2) metal straps

B. Two (2) ratchet straps

C. Two (2) chains or cables (3/8" inch maximum) to prevent movement.

2. Fuel lines are to be routed under the car and are not permitted in the driver's compartment. (unless they are routed through and sealed into a "tunnel")

3. All tanks must be legal racing design and vented with a maximum FIVE (5) gallons of pump gasoline.

4. Gas Tank Protectors are allowed. Must be attached to the back seat bar. Protector must be 4" away from all sheet metal. No attaching to halo bar.

5. Gas tank must have a secure cap. All gas lines and fittings must be leak proof. This will be re-checked before entering the arena for the event. (You will NOT run that round if leaking).

6. Electric fuel pumps are allowed. If you are using an on/off switch for fuel pump, then the switch needs to be easily accessible and painted or marked in bright red preferably. (Not required if the ignition shuts the pump off).

7. Starter fluids are NOT permitted in car during the event

Radiators:

1. Must be mounted in stock OEM position only. No homemade radiator mounts. Ratchet straps, cable, or fire hose is allowed for securement. Radiator protectors are NOT allowed.
2. All core supports must remain in factory location, no relocating core supports
3. Radiators must be stock automotive radiators. Radiators must be brass, copper or aluminum. NO homemade steel or aluminum radiators are allowed

Batteries:

1. Batteries must be secured inside the car and must be covered. Two (2) battery maximum.

Securement must use at least:

- A. Two (2) ratchet straps
 - B. Battery boxes securely mounted to the floor using at least 1/2" bolts.
 - C. Battery hold down brackets or mounting straps securely mounted to the floor using at least 1/2" bolts.
2. Only two (2) automotive type batteries are allowed per vehicle.

Tires:

1. Mud and snow tires are acceptable, twenty (20) inch maximum rim size. Air filled only. No bead locks, no screw bolts or studs in tires. Air-filled tractor tires permitted. (NO solid tires allowed!)

Halo bars, Cages:

1. Cage material must NOT be inside the doors, but be within the seating area of the car. (Drivers door is the only exception, for safety only!).
2. Side bars may be no bigger than 12" x 2" x 1/2" thick "C" channel. They must be three (3") inches from the fire wall and have a six (6") inch gap from the floor. They are NOT to extend more than ten (10") inches past the "B" pillar.
3. Cross bars may be no bigger than six by six 6"x 6" square or circular tubing. The front cross bar must be six (6") inches from the firewall and cannot connect to firewall. The rear cross bar must be behind the driver's seat, within six (6") inches of the seat.
4. Halo bars are allowed and suggested but must be in vertical position (90°). They can either be over top or under the roof. (This is for safety only and NOT to add additional structure to the vehicle past the drivers compartment).
5. Halo bars must be within eight (8") inches of the drivers seat.
6. Gussets are allowed on all corners of cage. NO gussets, or kickers secured to the body of the car
7. Two (2) front window bars and two (2) rear window bars are allowed. Window bars may not be welded to the trunk or hood. Bars must be positioned in window seam area. Two (2") inch maximum material may be used.
 - 1) You may have a total of four (4) down bars, two (2) per door bar side. Down bars must be vertical without covering up any of the body mounts. If your halo bar is running to the floor then it is considered two (2) of your four (4) down bars. Down bar material can be NO more than:
 - A. 2"x2"x 1/4" thick square tube.
 - B. 2"x 1/4" thick tubing.
8. All down bars may be welded to the frame or sheet metal. If you only weld to sheet metal, you may use a 3" x 3" plate. NO more than eight (8") of weld to frame or body.

PRE-RUN CARS:

1. You may weld torn frames that are close enough to be welded with a single weld pass, using NO additional metal.
2. You may patch any hole in the doors of the car for SAFETY, only.
3. No frame wedge blocking or shaping.
4. Twenty-four (24") inches of frame repair is acceptable on a pre-run car, twelve (12") inches per side. Frame repairs cannot contact bumper brackets in any way. Repairs MUST be 1/2" from bumper brackets. A driver's vote may be taken to resolve the validity of a repair.
5. Fix- it plates may not be welded to the body or any other bolted on frame components.