



2018 KNCO DESTRUCTION DERBY - NEVADA COUNTY FAIR

Grass Valley, CA August 12, 2018

CHAIN N GO RULES

The derby is open to any American made hardtop model stock car or station wagon. No commercial vehicles, convertibles, coupe utility, pickups, SUV's, four-wheel drive or foreign type car. No pre 1973 Chrysler Imperials or LeBarons. 1974 and newer are allowed. Previous ran cars are allowed, if they meet the rules.

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 event.

We are an environmentally responsible promoter. 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. Stock gas tanks must be removed, these rules state require position and size. All drivers are responsible to clean their pit area before leaving.

Bumpers and Brackets

1. **Car must have factory OEM bumpers and brackets it originally came with.**
2. It must remain in its stock position.
3. **Bumpers may have a 1/8 inch X 2 inch flat strap welded from the bumper to the bumper bracket or bumper shock, cannot be welded no more than 3 inches on the bumper and 3 inches on the bumper bracket or bumper shock to help keep the bumper on. The flat strap may not be wrapped around the shock and welded.**
4. No welding of bumper or brackets.
5. Bumper shock may be collapsed but not welded.
6. Bumpers may be trimmed for clearance only, and no sharp points.

Radiator and AC Condenser

1. Radiators must be stock automotive radiators. Radiators must be brass, copper or aluminum.
2. No homemade steel radiators or steam tanks.
3. **Radiator must be in stock position. Radiators may not be welded in.**
4. Ratchet straps, bailing wire or bolts may be used to secure radiator.
5. **No radiator protectors.**
6. You may only use one AC condenser in front of the radiator, if used.
7. The AC condenser may be bolted with 4, 3/8 inch thick bolts, with washers no bigger than 1 inch or may be wired in.

Engine and Transmission

1. Engine swaps are allowed. **No engine set backs are allowed.**
2. You may cut a hole 12"L X 12"W in the fire wall for the distributor. Hole must be properly covered.
3. **No distributor guards are allowed. No carburetor protectors are allowed. No engine cradles are allowed.**

4. **Motor mounts may be connected to the side of the block and welded to the frame.** No front head straps or rear motor mounts.
 5. You may use chain bolted to your heads or motor straight down to the frame, no welding the links together.
 6. Electric fuel pumps are allowed, must a shut off/kill switch for fuel pump.
 7. Transmission coolers are allowed.
 8. Standard transmissions are allowed. Floor shifters are allowed.
 9. **Stock oil and transmission pans only. No homemade pans.**
 10. No transmission braces are allowed. No transmission skid plates are allowed. No reinforcing of transmission. No ultra-bells are allowed. No homemade transmission cross-members.
 11. No Slider drive lines are allowed.
 12. **Aftermarket gas or brake pedals and cable shifters are allowed. May only be bolt to the floor. Cable shifter may be bolt to the floor or transmission.**
 13. Exhaust headers out the hood are allowed.
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Suspension

1. No re-enforcing suspension. **No swapping suspension must be original.**
 2. Spring spacers to raise the height of the car are allowed. Car suspension must move up and down no stiff suspension.
 3. No welding metal in the springs to raise the front of the car. Leaf springs must be stock. No after-market springs.
 4. No shortening of leaf springs.
 5. No leaf on top on main leaf. No extra leafs, no tape or welding on springs, no motor home leaf springs.
 6. 2 spring clamps per spring are allowed, no wider than 2 ½ inches, no welding clamps to the frame.
 7. No coil leaf conversions.
 8. 1960's and newer Fords and Mercury's may re-shackle leaf spring with factory stock car shackle the car came with.
 9. **No homemade shackles. No bump stops are allowed.**
 10. Coil springs in the rear may be welded to rear end. You cannot bolt the springs through frame to the body.
 11. No welding K-frames on Chryslers.
 12. **No aftermarket studs on axles or front rotors. Must be factory studs to hold the wheel on.**
 13. **Homemade, aftermarket steering columns or steering knuckles are allowed.**
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Hood

1. 4 chains must be used, no more than ½ inch thick is allowed to secure hood.
 2. Chains may go from the hood to the bumper.
 3. No welding washers to the body for chain go through front or rear.
 4. A hole is required in hood above the carburetor in case of a fire.
 5. **No welding the inner to the outer of hood.**
 5. **Hood must open for inspection.**
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Safety Bars

1. 2 Side bars may be no bigger than **8" X 2" C channel**, must be 3 inches from firewall and 5 inches from rear hump/wheel wells, and have a 5 inch gap from the floor. 2 Side bars are mandatory.
2. 2 Cross bars may be no bigger than 6" X 4" square or circle tubing. You may only have 2 cross bars.

3. Front cross bar must be 10 inches from the firewall and cannot connect to firewall. **Front cross bar is mandatory.**
 4. Middle cross bar must be behind the driver's seat, within 6 inches of the seat. **Middle cross bar is mandatory.**
 5. **One bar horizontal off the back cross bar to roof is allowed may be bolted to roof with 6" X 6 X ¼ inch thick flat plate with 4 ½ inch thick bolts.**
 6. No down bars are halo bars allowed on door bars. No gas tank protector is allowed.
 7. Adding posts are allowed, if the car wasn't made originally stock with posts. Posts may be welded to door bar to the top of the car.
 8. **No welding cage to frame, floor of car.**
 9. **2 front window bars are mandatory.** 2 bars may be used in rear windows. Window bars may not be welded to the trunk or hood. Bars must be positioned in window seam area. 2" X 2" maximum material may be used as a bar. No connecting the window bars to the cage.
 10. **No front and rear kicker bars.**
 11. Driver's seat may be welded to the floor, and cannot be welded or bolted to the frame. No plate is allowed under driver's seat.
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Batteries

1. 2 automotive type batteries are allowed for the motor. Motor batteries are only allowed on front passenger floor. Batteries must be properly covered.
 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 tray. No milk crates may be use.
 4. No welding battery tray to door bars. No bolting batteries trays to cross member or frame.
 5. **No battery trays can cover any body bolts.**
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Gas Tank

1. Gas tank may be no bigger than 7 gallons.
 2. Gas tank may be bolted or chained securely to the floor, but not to the frame.
 3. Gas tank must be place behind the driver's seat.
 4. **Gas tank platform may be no bigger than gas tank size.**
 5. **Gas tank must be bolted in securely before inspection or you will not run. ←SAFETY**
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Doors

1. Driver door may be welded solid with ½ inch thick filler rod or 2" X 3/16 inch thick flat strap.
 2. All other doors may be welded a maximum of 12 inches per line.
 3. No extra metal or plate is allowed on the outside of the doors.
 4. No welding the inside of the doors.
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Trunk lids and Tailgates

1. Trunk lids must open for inspection and must be secured with 4 chains, no more than ½ inch thick is allowed to trunk.
2. Chains may go from the trunk to the bumper.
3. Trunk lids may be tucked in (50% in stock location), and cannot be weld to the floor of the trunk.
4. Tailgates must have 2 chains to secure it.

5. No deck lids in wagons, they must be removed.
 6. You cannot weld the inner to the outer of the trunk lid. No inner seam welding inside the trunk.
 7. **Chains may not go around the frame to the trunk lid, they may only go around the sheet metal.**
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Rear end

1. **No Rear end swaps are allowed. Rear ends must match year/make/model.** Must be passenger car rear end, no truck rear ends, 5 lug is maximum.
 2. No rear end braces are allowed. No pinion brakes are allowed.
 3. Locked rear ends are allowed.
 4. No re-enforcing trailing arms.
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Tires & Wheels

1. No tire rule. Any ply and mud grips are allowed. Wheel size may be no bigger than 15 inches.
 2. **Valve stem protectors are allowed. Valve stem protectors must be welded securely. ←SAFETY**
 3. **No zip screwing rims to tire. No bolting rims to tires. No bead locks.**
 4. Lug nut size may be no bigger than 1 inch.
 5. Wheels must be factory car wheels.
 6. Wheels may not be reinforced.
 7. You cannot have homemade centers on rims. Universal centers are allowed, must not go passed a half inch pass bolt holes, may be welded in with no filler rod or added metal.
 8. Wheel seams may be welded and shorten down to 5 inches with no filler rod or added metal.
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Fenders and Quarter Panels

1. Fenders may be cut out.
 2. Quarter panels may be cut out and rolled.
 3. No bolting fender or quarter panels.
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Body and Frame

1. Body to frame hardware and brushing must be stock. No changing body bolts.
 2. You may not remove rubber pucks between the body and the frame.
 3. No frame repair is allowed. No seam welding or plating to the frame or no pinning the frame or running bolts through existing holes.
 4. Frame notching is allowed. **No welding the body to the frame.**
 5. No hammering of the frame is allowed.
 6. No flatting of trunks, speaker decks, or tailgates.
 7. **No tilting of any vehicles or pre bending of the rear frame**
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Rust Repair

1. Floors in car may be repair with metal the same thickness as it is originally, overlapping of repair may only be up to 1 inch pass the rust spot.
2. If you have any other rust repair issues then mentioned above, please contact officials.

Safety

1. Full face helmets are required.
2. Minimum of 1 lap belt is required. Four point harnesses are allowed.
3. Long sleeve shirts and pants are required. No short sleeve shirts or shorts are allowed.
4. You must have a fire extinguisher on hand in pits.
5. No alcohol, fire arms, or drugs are allowed in the pits.

Car Numbers

1. Driver and passenger sides of car must have car number visible, minimum of 16 inch tall.
2. Roof signs are allowed, and not required.

Disqualifications

1. Teaming will result in disqualification for all partiesssssssss.
2. Sandbaggers will be warned first time with flag; second time will result in disqualification.
3. Driver door hits are not allowed, first time will be a flag warning, and second time will result in disqualification.
4. We have a 2 fire rule. Will be discussed at driver's meeting.
5. If cars do not pass re-inspection after main event, it will result in disqualification.
6. Un-sportsmen like conduct may result in disqualification.
7. Being timed out for more than 2 minutes, you will be required to shut off.

Inspection/Tech

1. **You will have 2 chances to pass through tech**
2. If your car is not ready to pass after second tech, you will not be allowed to race.
3. Driver and 1 pit member are allowed to be in the inspection area.
4. **Top 4 cars in the main event will be cut open for post inspection. Drivers will need to provide the torch to cut on car.**

Disclaimer

1. **If it is not stated in these rules, it is not allowed.**
2. Please call **Moon at 209-566-4280**, if you are unsure about rules.
3. Please do not assume any rules; it may result in disqualification of your car to race.