

# **2018 Johnson County Demolition Derby Rules**

## **Saturday August 4th, 2018**

### **FULL SIZE HOBO**

- \*Any year of car allowed, hearse, imperial, truck or ambulances will not be allowed
- \*Car will need to be as close to stock
- \*No dist or carb protectors
- \*Can do engine and trans swaps, can weld lower engine mounts in a clean conversion.
  - You can not add any metal, you can use 2 chains or 2 4x4x1/4" plates to keep Your engine from moving around. The plates can only be welded from the factory Engine mount to the frame. If you choose to chain the engine mount only 1 link Of chain can be welded to the frame. You can use a lower engine cradle but if you choose to use lower cradle, you will not be allowed to use chains or Wire to keep engine from moving around and lower engine mounts must remain Stock. The lower cradle is only used for protection for engine
- \*No truck rear ends and must be a stock rear end. You can use gears, but no aftermarket axles will be allowed
- \*No homemade bumpers. Bumpers must be an automotive bumper, you can weld Bumper shocks, brackets and frame seams solid 4" from the back of bumper to Attach bumpers, Bumper skins can be welded, and bumpers can be loaded Between frame rails. If your car came with factory bumper brackets they Must remain in stock locations
- \*The only welding that can be done on the car is on the driver's door, cage, Bumpers and frame seam from the A-arms forward.
- \*You are allowed to use a shifter that is mounted to trans, aftermarket gas and brake Pedals are allowed as well
- \*You can use up to 1" radiator support bolts thru the hood but only thru the top Of frame. A spacer may be used between radiator support and the frame But not welded
- \*Car must have a driver's door bar bolted to outside of car; edges cut at a 45-degree angle.
- \*A dash bar and seat bar is highly recommended but not required. You are allowed a gas tank protector, no wider than 24 inches, must be at least 1" away from rear tray package/backseat sheet metal. May NOT run straight back to frame humps, must angle in from back seat pipe. IT MAY RUN STRAIGHT BACK BUT ONLY IN THE CENTER

OF THE CAR and must be 4" off of the floor. May not be connected to gas tank and must be free floating. One down bars per side from cage down to floor sheet metal only (down bars must remain inside the front door seams). Seat bar cannot be any further back than 6" from front door seam.

\*Suspension...front a-arms may be 9 wired down or bolted with 1-½" bolt with a 1.5" washer top and bottom or use a piece of ¾th chain max weld 1 link per side of a-arm. Rear ends may have 9 wire, ¾ths cable or chain running thru the coil springs or around frame and rear end on leafed cars to prevent them from falling out, no added leaves or leaf clamps to leaf sprung cars. No braced rear ends

#### NO PAINTED FRAMES

\*Car must be fully stripped of all flammable material. Factory seats and factory dash are allowed. All glass, chrome, door handles, and any unsafe items must be removed from inside and outside of the cars. All plastic, stainless and pot metal trim, fiberglass, and rubber must be removed from the outside of the car. Car floor, trunks, and inside of doors must be swept of glass, debris, and must be clean. Factory fuel tank(s) must be removed. Removing unused fuel lines recommended. Factory fuel tank may not be re-used. Battery must be re-located inside of passenger compartment. The battery must be in a solid container and must be securely fastened and covered.

\*No steel gas "cans" or plastic gas "jugs" allowed. A steel boat tank is recommended, however any metal tank deemed safe by the officials is acceptable. Any plastic or urethane "fuel cell" must be in solid metal container and must be covered with metal. The fuel tank must be securely fastened inside the passenger compartment. Fuel line must be secured and fastened properly. Keep away from exhaust. Place fuel cell behind driver's seat or in the center of the car where the back seat used to be. No other source of gas inside the car at all. Official's decision is final.

\*Cars must have some type of working brakes.

\*Oil coolers, engine and transmission, are allowed. IF air coolers (fans) are used, a shield must be located between the cooler and the driver. High-pressure hydraulic lines and fittings are recommended. No gas hose is allowed. It must be compatible with transmission oil. If oil hose is used, minimum of two hose clamps per fitting. Non-high-pressure oil hose must be covered. Engine cooler hose and fittings must be high pressure.

\*Electric fuel pumps are allowed, must have high pressure fuel line. All fuel hose must be covered. And be safe!

\*No wheel weights or balance weights allowed on wheel rims.

\*Radiator coolant overflow tubes must point straight down.

\*Bumper shocks can be collapsed and bumper chained or welded.

\*ALL DOORS AND TRUNK/HOOD MUST BE CHAINED, BOLTED OR #9 WIRED SHUT. Max of 2 loops chain, max 10-5/16ths bolts per trunk. TRUNKS ARE ALLOWED 2-3/4" MAX ALL THREAD IN THE TRUNK SHEET METAL TO SHEET METAL ONLY!! Hood can have 6 additional bolts of any size sheet metal to sheet metal only plus core support bolts. If you choose you can weld the doors shut with 2 2x4x1/4" plates per door seam NO MORE

\*No re stubbing of frames or cutting and tilting of frames. YOU MAY "COLD TILT" Repairs... you will be given 2 4x4x1/4" repair plates per frame rail for repairs, damage must be obvious.

\*MUST HAVE HALO BAR/ roll over bar allowed to be welded to floor or frame bolted to roof top, no more than 6" behind driver's seat.

\*Must have 2 bars welded or bolted in the windshield area to keep hood from coming inside the car

\* Body/frame creasing is allowed

\*NO CLAIM RULE!!

\*TIRES... any tire allowed as long as no bigger than 16" with no studded tires, wheel centers fine.

\*Wheel well openings may be trimmed and bolted with no more than 8- 3/8th bolts per opening with a max 1.5" fender washer

\*Rusty body bolts can be changed 1/2 max bolt with 2" max washers. No bolts out the bottom side of the frames.

- 2 loops per window opening of number 9 wire as long as there's none in front of the radiator or per rule number 3.

## **BONE STOCK 80'S AND NEWER**

- NO HEARSE OR LIMOUSINE
- LONG PANTS, DOT HELMETS, AND EYE PROTECTION ARE A MUST GLOVES AND BOOTS HIGHLY RECOMMENDED, MUST HAVE SHOES AT MINIMUM
- MUST HAVE SEAT BELT AND IT MUST BE FUNCTIONAL
- CAR MUST BE STRIPPED OF ALL FLAMMABLE MATERIAL CHROME, HANDLES, PLASTIC, RUBBER, STAINLESS AND POT METAL TRIM

MUST BE REMOVED FROM THE INSIDE AND OUTSIDE OF CAR.  
ALL GLASS MUST BE REMOVED, GLASS DEBRIS ALSO MUST BE  
REMOVED FROM INSIDE DOORS, TRUCKS AND FLOOR

- LEAVING DASH AND FACTORY SEAT ARE OK
  - MUST HAVE WORKING BRAKES
  - ALL ITEMS MUST BE STOCK OEM MATERIAL OF THE MAKE/MODEL OF CAR.
  - ABSOLUTELY NO WELDING ANYWHERE!!!!
  - MUST USE OEM CARBS
  - MUST HAVE DRIVER'S DOOR PROTECTION, CAN BOLT TO OUTSIDE OF DRS DOOR OR CAN SLIDE INSIDE OF DRIVERS DOOR BUT MUST CHAIN OR 9 WIRE TO B PILLAR.
  - GAS TANK MUST BE REMOVED AND RELOCATED TO BACK SEAT AREA. IF THE CAR YOU ARE USING CAME FACTORY WITH FUEL INJECTION, YOU CAN HAVE FUEL PUMP RELOCATED INSIDE CAR, BUT MUST USE HIGH PRESSURE LINE/HOSE WITH THE APPROPRIATE AND A MUST OFF SWITCH
- MUST BE LABELED AND PAINTED A BRIGHT COLOR SO FIRE PERSONNEL MAKE LOCATE IT IN CASE OF FIRE.

- BATTERY AND COMPUTERS CAN BE RELOCATED INSIDE CAR
- NO BODY SHAPING AT ALL!!!!!!!!!!
- TRUNK LIDS CAN BE MOVED
- MUST HAVE CHAIN OR 9 WIRE IN WINDSHIELD AREA TO PROTECT YOU IN CASE OF HOOD REMOVAL
- CAN USE HEADERS THROUGH HOOD
- ALL GAS, BRAKE AND SHIFTER LINKAGE MUST REMAIN STOCK
- HOOD MUST CAN 2-4 CHAINS OR 9 WIRE TO HOLD IT ON
- DOORS MUST HAVE 1-2 CHAINS OR 9 WIRE TO HOLD IT ON
- TRUNKS CAN HAVE 1-2 CHAINS OR 9 WIRE
- IF DRIVERS DOOR COMES OPEN, CAR WILL DISQUALIFIED
- TIRES MUST BE 16" OR SMALLER, NO DOUBLED, FOAM FILLED, STUDDERED, FORKLIFT, SKIDDERS. ALL WHEEL WEIGHTS REMOVED NO VALVE STEM PROTECTORS. YOU CAN USE TUBES
- STEERING MUST BE OEM

CAN HAVE ANY 80'S OR NEWER BUMPERS, MUST BE BOLTED ON, DO NOT WELD BUMPER ON!! QUESTIONS ON THIS JUST CALL

YOU CAN HAVE A DRIVERS SEAT BRACE, NOT TO GO SIDE TO SIDE OF CAR. NO BAR ALLOWED ON PASSENGER DOOR  
QUESTIONS ON THIS PLEASE CALL

## **BONE STOCK COMPACT**

- 108" WHEEL BASE AND UNDER, FRONT OR REAR WHEEL DRIVE
- NO FULL FRAME CARS
- CAR PREP RULES WILL BE THE SAME AS FULL SIZE BONE STOCK

AS LISTED ABOVE

IF FACTORY FUEL TANK IS IN FRONT OF REAR CROSS MEMBER  
IT DOES NOT NEED TO BE REMOVED AND CAN USE IT INSTEAD  
OF A FUEL CELL INSIDE CAR.

ANY FUEL LEAKING FROM CAR, THE CAR WILL BE REMOVED FROM  
ARENA IMMEDIATELY

**ANY QUESTIONS CALL  
913-208-5223**