

Wright County Fair Mighty Minis Class 2024

Mighty Mini's (any mass produced compact pick up, mini van or compact SUV.
4 or 6 cylinder, 2-wheel drive or 4X4 with front drive shaft removed.)

Glass, including headlights and taillights, exterior molding, etc., must be removed before entering fairgrounds. All dirt and other loose debris must be swept out.

Two batteries are allowed. Batteries must be securely fastened in front passenger side of vehicle and covered for protection.

Original or automobile radiator must be in original position. Radi barrels may be used in place of radiator. Barrel must be no larger than the stock radiator. May be welded to core support and bolted in four places.

Electric fans are allowed. Original fans may be removed or cut.

Transmission coolers allowed. Must be securely mounted in cab or box and covered for protection.

Stock gas tank must be removed. Must use either a marine tank or other well-made metal fuel tank.

Fuel tank is to be mounted in the center of the box behind the cab. It must be securely fastened and covered. Fuel tanks for mini vans must be placed in center of van behind front seat, securely fastened down and covered.

An 8" x 8" hole must be in box to cab for gas line. Steel line is recommended. Any fuel leakage will result in disqualification.

All vehicles must have working brakes at all times.

Electric fuel pumps are allowed if mounted securely in the vehicle. Must have shut off switch near steering wheel or wired to ignition.

Shifter linkage may be altered.

Vehicles must have operating safety harnesses or belts.

Driver's window may be strapped or wired for protection. At least ONE bar must also be on windshield from roof to dash for protection.

All trailer hitches and bracing must be removed.

Uni-lug centers are allowed, 9" maximum.

Any ply of tire allowed. Stem protectors allowed. Full center rims allowed. Wheel weights must be removed. Tires may be screwed to rims. Tires may be doubled.

Cab may be fastened down with additional bolts.

Box and cab may be bolted together, with six bolts maximum (doesn't count towards the 12 box bolts). Up to 1" in size with a maximum 4" x 4" washer.

Box may have up to 12 bolts to frame. U-bolts count as two bolts. Up to 1" in size with a maximum 4" x 4" x 1/4" plate.

Cab and box may be welded together and a filler material may be used to fill gap between box and cab.

Tailgates may be welded shut or chained. 3" x 3" angle iron may be used on inside of tailgate only to weld to box. NO angle iron on edge of box sides to floor. Doors may be solid welded or chained/wired/bolted shut.

Must have a dash bar and door bars. Bars may be attached to each other and to frame. Three down bars allowed per side. Front bars can angle to firewall, others straight down. Up to 5" diameter tubing with 6" mounting plates. May have a bar outside of both doors not to exceed 4" past door itself. Get carried away and you will cut.

May have roll loop behind cab. Roll loop can be bolted to frame but bolts count as part of box's 12 bolts. May have two angled down bars no further back than the front of the rear wheel wells. Nothing past the front of the rear wheel wells.

Wheel wells may be cut away. Fenders may be bolted together with eight 3/8" bolts or less.

4 or 6 cylinder engine only. May be chained or welded down but must not reinforce frame in any way. No distributor protectors, mid plates, or transmission braces allowed. After market bell housing allowed.

6 lug maximum rearends. Welded or posi track recommended. Slider drive shafts allowed. Rear end bracing allowed.

Rear ends may be tied to frame on one spot per side using chain or wire. No welding. One brace allowed from frame to frame above rear end only.

Any factory automotive bumper, bracket, or shock may be welded on the front and rear of truck. Welding of bumper skin together is allowed. Two 4" wide x 8" long x 1/4" thick straps may be welded on the front and rear bumpers to body. Bumpers may be reinforced on the inside only.

Maximum bumper height is 28" to bottom of bumper in the center. Minimum bumper height is 16" to bottom of bumper.

Tie rods may be reinforced but must be workable. No additional reinforcing.

Converting front suspensions from coil spring to leaf spring will not be allowed. Stock front ends only.

NO CUSTOM MADE AXLES ALLOWED. Judges' discretion.

Leaf springs must stagger down in spring length largest to smallest. You may reclamp springs, 6 per side, factory or homemade. Homemade clamps not to exceed 2" x 4" x 1/4".

Exhaust may be through the hood, not to be higher than the top of the cab.

Must be at least a 12" hole in hood for fire access.

Hood may be chained in six places or eight pieces of all-thread rod (up to 1") from frame through hood allowed, may be welded to the frame; 4" x 4" x 1/4" plate allowed. Allowed to bolt hood skin together, sheet metal to sheet metal, with up to twelve 3/8" bolts.

Two pieces of iron 2" maximum allowed from core support to frame (one per frame rail). No further then front axle. Don't get carried away or you will cut.

Core support may have a 2" x 2" angle iron on top of core support from fender to fender. May be welded at ends.

Frame seam may be welded from front body mount by fire wall to front of vehicle; 1/2" wide on one side only with no added material. Do not get carried away or you will cut.

Bent frames may be repaired with maximum 1/4" metal two inches past the bend but only on two sides of the frame. You must have 1/2" hole in the patch. 25" total frame repair allowed. Don't get carried away.

If you have to re-stub your vehicle, you are only allowed to butt weld the frame together. This means NO overlapping. You are allowed 1" x 1/4" to go around stub only. Engine crossmember may be welded in. **NO CUSTOM FRAMES ALLOWED** (i.e.: Chev/Ford, Chev/Dodge, etc.). **No capping of frames.**

No welding of hood but body seams may be welded with no added metal.

Hood must be open for inspection.

Your number (given by demo official) must be on both doors and a sign with your number must be on roof for recognition of vehicle. Number must be painted with a contrasting color from truck.

A fire extinguisher is recommended and securely fastened down in vehicle.

Any objectionable picture, logo, or slogan will be removed from your vehicle or you will not be allowed to participate.

No welders allowed in pit.

No alterations allowed on vehicles after inspection. If you are stopped at gate because of alteration, you may be disqualified.

Demo chairman reserves the right to alter program as needed.

Vehicle may be reinspected at any time.

IF rules do not say you can do it, do not assume you can!