

# Mitchell County Fair FULL SIZE Demolition Derby 2026

*Rules and Information*

## **FULL DISCLOSURE:**

1. If it is **NOT LISTED** in the rules **DON'T DO IT**
2. NO GREY AREAS ASK FIRST
3. Stock classes are meant to be simple for fun, entertainment, and a great place for beginners or a quick, cheap build for anyone. This is a class for the driver and a little bit of luck like the old days.
4. **Officials Discretion Final on all rules and failure to follow rules will result in being loaded**
5. All repairs must be pre approved

## **BUMPER:**

Any loaded auto and or homemade bumper can be used. No oversized bumpers must be car sized no sharp points homemade v must be no bigger than 8in from back side of bumper spread over 32in min or more. Bumper must be in front of core support mount. May shorten frame to factory core support mount. Core support must remain in factory location. Mopar cars may run core support mount right behind core support. Front bumper 21in to bottom max back bumper 14in to bottom min.

## **Brackets:**

Any auto or 5x3/8in steel one bracket per frame rail to front a-frame only. Bracket may touch 2 sides of frame. Also anything within 6in from back side of bumper where it mounts to frame this is to mount bumper to frame. Back bumper may also use anything within 6in from back side of bumper where it mounts to frame plus stock oem bracket max 20in. You may also weld rear bumper to body 5on5 max using 3x¼ max flat steel. Please weld these on good I don't want to pick bumpers up.

## **BODY MOUNTS:**

You may remove and replace any factory mount with 3/4in bolt max. Bolt must be inside frame in factory location with a 1in thick min and 3in round max spacer or factory spacer with 1/4in thick 3in round max washer. Front core support mount must be in factory location may shorten frame to this point. Mopar may run hood pin and mounts to back side of core support. You may use up to a 1in bolt with 5x5 ¼ washer with 3in max sleeve may be welded or bolt to frame and core support. Between these sleeves/bolts you may use 1/4in plate with 3x3 ¼ angle on top and bottom no lower or no higher than factory core support. This is for radiator support and protection this may be welded to bumper and is no wider then factory core support mounts/sleeves. You may also use 1in bolt with 5x5 ¼ max washer on very rear trunk mount bolt may go through frame and washer may be welded to frame.

## **DOORS:**

You may weld 5on5 per exterior seam using 3x ¼in max flat steel. Driver's door may be welded solid with anything no wider than 6in from door seam nothing to frame. You may weld tops of door skins with 3x1/4in max flat steel. Cars that are 4 door no posts may add 3x ¼ strap 5in on door 5in on roof. You may weld 5on5 using 3x1/4 max flat steel. You may also add two 1in bolts that can be welded to side of frame vertical only. These bolts may have a 5x5 ¼ washer on trunk floor and on trunk lid. You may also have a bar from trunk lid to roof using 2x2 ¼ with a 5x5 washer/plate on roof and trunk lid. This must be within 5in of speaker deck if speaker deck is removed it must be no further back than rear pillars. You may tuck crease or pound body lines any way you want truck lid must be 4in min away from trunk floor at frame level. You may remove speaker deck. No added metal and must be trunk lid no sheet steel must be hole cut for inspection 8x8min. You may per bend frame rails on fresh cars rear bumper/frame must be no higher than 28in will be measured at end of frame in factory location at its lowest point.

## **HOOD:**

You may have up to 6 attachment points please see BODY MOUNTS for core support rules all other points may be tin to tin only. 1in bolt max and 5x5 ¼ washers max. Bolt may be welded to tin only up to 5in and no longer than 8in total length under hood. Angle iron with two bolts is ok but must be 5x5 ¼ max attachment area this way will count as 1 attachment point. Must have 8in hole cut for firemay have holes cut for headers these holes can be bolted together using 3/8th bolts with 2in washer max 6 per cut out no more than 16 bolts per hood. Must be a car hood with no added metal.

## **CAGE:**

You may use steel nothing longer than 60in and you may have 6 down bars welded to top side of frame only must be vertical with a 6in attachment point to frame must be 6in behind firewall body mounts. Dash bar must be 6in from engine and engine protector. May have halo or roll bar may attach to frame but will count as cage down bar and must be no further back than 60in from front most part of cage. You may also have a gas tank protector that must be 1in away from body and 4in off floor and no wider than 24in and attached to cage only. May have 2 ¼in straps 3in max steel in window area may attach 5in on body 5in on roof this can also attach to dash bar using same material you may connect them. This may not contact any engine component at all ever.

## **INTERIOR:**

You may patch rusted floor pan 2in past rust only must leave rust no other welding or added metal. All gas tanks, seats; battery box ext... must be attached to floor tin or cage only never both. Must be fasten good please be safe cover battery and other items for safety.

## **EXTERIOR:**

Any rust repair must be no bigger than 2in past rust leave rust in place must use same size material. Do not over do or you will not run or will cut it out. Any roof sign can be use but must not attach to window bars or halo in any way that adds strength to car in any way. Body lines and shaping in any way you want no added metal. You may bolt fenders with 3/8in bolt 2in washer in 5 spots. May also use 3 more of these bolts per side to attach fender to core support.

#### **FRAME:**

You may weld frame seam top side only firewall forward 1/2in bead single pass one seam. No frame shaping you may cut or dimple frame in rear no re-welding the cut. You are also allowed 10in behind a-arm per rail for tipping frame or seam welding not both weld to fill gap. When tipping frame must be at a factory seam or tranny cross member not both. If tipping at tranny cross member this will count as your full 10in allowed. You may also weld a 5in wide 20in long hump plate 1/4in thick max must be centered in hump straight or contoured outside only. If you have a k-member style car you may use this 10in to weld k-member to frame in bolt area only no added metal weld only. Y frame cars you may close the Y and weld top and bottom seam. You may use 4strand of #9 wire 3/8 chain or 3/8 cable around frame and through window with no added metal 1 per window and 4 per car total. Attached from frame to body only.

#### **ENGINE:**

Any engine and or engine cradle can be used. But must be no more than 6in wider then engine and may attach to engine cross member only may strength cross member with up to 20x1/2in flat but must be 1in from frame and on engine cross member only. Any weld or plate to hold motor in must be at least 1in away from frame or suspension with the exception of one 3x 1/4in strap from front side of motor to top side of frame in front of a-arm. This strap must be vertical to top side of frame with 3in of weld and no further forward then 3in from a-arm. If using engine cradle, mid plater, dp, or any protector of any kind fire wall must be cut out for it to pass through. It must not be a support for car in any way you will cut to size of protector/midplate. If you don't use or are using front and lower engine cradle only and a slip over style tranny brace you may use two 2x2 1/4 or 3x1/4in round tubes from engine cross member to tranny cross member this must be 1in away from frame and never touch frame and must mount to tranny cross member in center under tranny mount 6in apart outside to outside max. You may connect these tubes with one 2x2x1/4 under engine/tranny may connect to engine/tranny 4 spots 3x1/4in only to these tubes. This rule is to equal the playing field of high dollar cradle do not abuse this or it will be cut.

#### **TRANSMISSION:**

Any tranny protector many be used attached to engine and tranny cross member only no welding to floor. You may leave floor in place with no added metal. Any part of tranny or brace may touch only 6in of cross member and this must be in center outside to outside no wider then 6in or it will be cut. I am only allowing 6in so please use steel or angle iron to get to only 6in. You may bolt, chain or weld tranny to cross member inside that 6in. You are allowed a factory car cross member or you may use 2x3 tube homemade angle iron cross members or you may

use 3in round 1/4in max this must be straight across side to side no curve or angle and may be welded to frame with 3x3 1/4 angle 10in per side. You may tip your frame at cross member mount but this will count as your 10in seam please read #10 FRAME. Slider drive shafts are ok.

### **REAR END:**

You may use rear end of choice but must use factory mount on frame side. You may convert w-link with 4x1/4in tube or 4x1/4in plate 4x4x1/4in box on frame it must be in a factory location not behind this is for mounting only not to re-enforce mount or frame. 98-02s may replace package tray but must be weld only and 2in from frame. No leaf spring conversion. No part of rear end housing may touch frame or be used as a brace to start 3in gap min. You may bolt springs/rear end in through spring pocket with 1in bolt 5x5 1/4 washer may go through body and jam nutted in spring tray on mopars bolt must be in shock area and may not be used to strengthen frame. You may chain rear end with 3/8in one spot per side on frame must be within hump plate area vertical not crisscrossed. Factory leaf cars can have double main with 2in stager 9 leaves max and no thicker than factory car leaf or 1/4in per leaf with 6 clamps 2in flat steel for clamps plus factory ones.

### **SUSPENSION:**

You must use factory car parts. No aftermarket springs or oversized parts. Aftermarket ball joints ok but must be factory bolt on style no weld on cups or any weld on parts. No added metal on a-arms of any kind other then to weld down per rules. You may weld suspension solid using 3x3 1/4 metal in 2 locations 3in on suspension 3in on frame you may use 3/4 bolts through frame with 3in washers. You may add 2in of metal behind ball joint for spacer only. You may use aftermarket tie rods or reinforce them. No reinforced or aftermarket spindles.

### **TIRES:**

No split rims or anything unsafe! Must be rubber!

### **RADIATOR:**

You may use any car radiator or radiator sized water barrel in stock location. You are also allowed a radiator protector. Please read #3 BODY MOUNTS

### **QUESTIONS? Ask!**

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