

# Obion County Fair Demolition Derby Rules

## CAR

1980 and up passenger car- no Imperials

## FRONT BUMPER

Stock passenger car

Can weld seams but must have a way to look in for inspection

Hard nose allowed using 6x6 plate between bumper and frame- no other metal added

Mandatory: 2"x1/4" strap or chain from frame top around bumper to frame each side 30" max height at top of bumper

## FRONT FRAME

No cutting or adding metal to frame

No welded seams

No reinforcing

No tilting

No bumper shock left in frame

## RADIATOR SUPPORT

5" max spacer on support

No adding metal to support

Can weld (stock) support to frame

## FRONT SUSPENSION

One 2"x6" flat stock or 5/8 bold on A-arm to frame on each side

Twistins are okay, max 2 on each side

Tilted spring okay

Must have coil springs

Ball joint must be stock- can weld rebar (only) to tie rod for support

## FRONT HOOD/FENDERS & CROSSMEMBERS

1" althead. Six attachment in hood total: 2 front core support, 2 middle of hood/fender, 2 back of hood

If using hinges, that counts as 2 in back

Required 10" hole in hood

1/4" bolts maximum, need to be 3" to 4" apart

Crossmember (must be stock) welded or bolted

10 bolts maximum around fender wall

3/8 bolts thread on inside

Can crease fenders

## **RADIATOR/ UNDER HOOD**

Radiator in stock location or not at all  
Can have condenser in front of radiator only  
Engine swaps okay  
No cradle  
No distributor protectors  
Can add chain from engine to frame to keep from twisting

## **TIRES FRONT & BACK**

16" maximum  
No solids or foam-filled  
Tire must have air  
No valve stem protectors  
No bead lock wheels

## **FIREWALL**

Can cut firewall to make room for distributor (do not cut from top to bottom)

## **CAR BODY & DRIVER COMPARTMENT**

Driver door can be welded solid (all seams)  
Other doors vertical weld on (top to bottom) the outside of the door only  
If using flat stock (max 2")/body bushings, can replace bolts with althread same as bolts (cannot come through the floor)  
Cage required (6" maximum tubing)  
Front door bar above steering column only  
Mandatory Halo bar welded to cage (can touch floor)  
Mandatory windshield bar  
Battery secured passenger side front only, can be mounted to cage  
Maximum of two batteries in separate boxes  
Trans coolers allowed and must be secured  
All fuel & trans lines must be in protective tubing if inside driver's compartment  
Fuel cells or outboard tanks only- No O.E. tanks  
Fuel tank must be in center of the car  
Can use fuel tank protector welded to rear bar on cage, CANNOT touch floor or speaker deck  
Rear seat removed  
All glass removed  
All chrome removed

## **ROOF SIGN**

Mandatory 2'x3' maximum roof sign  
No sign, no run

## **UNDER CAR**

Slider shafts okay  
Trans crossmember bolted or welded  
Can use straight steel or angle in place of stock

## **TRUNK & FENDERS**

1" althread, maximum 4 OR Two 1" althread and weld 6" on 6" off only  
Tucking allowed  
5" hole required for inspection  
Can crease fender, back of doors to back of car  
10 bolts maximum 3/8" around fender wall

## **REAR FRAME**

Dimple or notch to aid in bending  
No prebending  
No welding on frame

## **REAR END**

No bracing  
Shocks required  
5 lug passenger car  
Coil springs can be secured using chain or bolts top to bottom  
No solid rods  
Watts links allowed  
No extra adding trailing arm must be straight  
Pinion brake allowed  
No body hold down  
No chaining humps  
No plating humps

## **REAR BUMPER**

Mandatory stock passenger car two 2"x1/4" straps or chain  
Hard-nosed using 6"x6" plate between bumper and frame  
No welding frame seams  
Bumper seams can be welded, must have hole for inspection  
No bumper shocks left in frame

## **DRIVE**

Full-face helmet required  
Seat belt required  
Fire suit suggested

**PRE-RAN CARS**

Will be allowed four 4"x4" patches on frame

Must notify inspection crew as to: how/why/where they were used

**BEST RULE**

If it was not discussed or addressed in these rules, DO NOT TOUCH IT.  
IT WILL NOT BE ALLOWED.

**MANDATORY MEANS IF YOU DO NOT HAVE IT,  
YOU WILL NOT RUN YOUR CAR.**

Jerry Gammons

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