



Full Size Hobo Motor Swap 2024

This class is open to all makes and models of cars, excluding 1973 & older Imperials and 1970 & older Lincolns.

BUMPERS

You may use any stock bumper. You may load any stock bumper. Must be loaded inside of both front and back skins. No alteration of those skins.

You may hard nose bumper with one single pass of weld around frame. Do not shorten frame more than needed to square the frame ends to mount bumper. If hard nosing, you must remove shock.

If you leave the shock it must remain in factory position on frame. Shock can be welded solid to bumper and 2 pieces of 4" by 1/4" may go from shock to the front inch of frame - 2 per shock . 4" of weld total to hold shock to frame or bracket to frame.

FRONT SUSPENSION

A arms may be changed. Must be from a car that is allowed in this class. No after market tie rods. Tie rods may be reinforced with one pass of weld on turnbuckle. A arms may be tied down with two 2x2x1/4" straps - per upper only.

DRIVE TRAIN

You may use engine of choice in any car.

Engine must be mounted on stock motor mounts. You may add a piece of half inch no larger than the stock bottom motor mount to the frame engine cradle for mounting purposes only. You are allowed a front lower cradle no further back than halfway on the engine.

You may use any automatic transmission. If transmission looks to reinforce car in any way, you will cut the tranny tunnel. Transmission must be mounted to stock cross member for the car. You may add 4" long angle welded to side rail of motor. You may use any 5 lug auto rear end simple brace, no bigger than 4" off of axle housing. Must be on completely stock trailing arms for the car or 100% factory leaf springs for car you are running. Trailing arms may be shortened with 1" overlap. No watts link conversion.

You may wire or chain rear end around frame with one loop of 3/8" chain or 4 loops of 9 wire. Any drive shaft is allowed.

CAGE AND HALO

Simple 4 point cage, 8" max material side bars no longer than 60".

One 2" x 3" down leg to top of frame only per side, in center of front doors. Halo may also go to floor, not to extend past side bars. Sheet metal may not be beat down. You may run a fuel cell protector 24" wide straight back to package tray sheet metal.

DRIVER'S COMPARTMENT

After market pedals/shifter/steering columns allowed. Transmission coolers, battery box & gas tank must be inside of car. All must be 6" from any body mount or body mount plate.

BODY

All glass, chrome & plastic must be removed.

No body creasing or shaping other than quarter panels. Quarter panels may be pushed in trunk area with no creases and may be wired together. Trunk lid may be tucked to one 90 degree angle. No wedging of trunk lid.

BODY MOUNTS

You may replace 6 body bolts 5/8" by 24" long with 3 washers 4" diameter and only 3 nuts. Bolts may either go through radiator support or trunk lid. Must have a 1" spacer. Do not remove any other body mounts.

CORE SUPPORT

You may remove the core support spacer and replace it with 4" long X 2" diameter MAX.

TRUNKS/HOODS & DOORS

May be wired, chained or bolted in 6 spots. 5/8 bolts MAX. You can go around the frame or bumper.

All cars must have a windshield bar. Doors may be welded with a total of 10" of weld per door seam, 2" wide strap MAX.

Trunks may have 10" of weld per seam, 2" wide strap MAX.

TIRES AND WHEELS

Wheels may have valve stem protectors and oversized lug nuts are allowed. NO foam filled or solids. NO bead locks. 8" weld in center allowed. 1/2" wide bead protector MAX.

PLATES/REPAIRS/9 WIRE

All cars may have a total of four 6x6 1/4" plates to body or frame. Unlimited 9 wire allowed.

All other components must remain stock for the car you are running. Do not try to change anything or alter anything other than what is stated in above rules.

FRAME

Cold bending is allowed. Dimpling and notching of rear rails is allowed. No other frame shaping or welding other than what is stated in the rules is allowed. You may only have a 4" tall core support spacer & 24" all thread. Remember this when you are cold bending.

Let's keep this class simple. Do not overthink it!

Any questions?

Please contact **Chad Markley 785-479-0996**.