



# **Demolition Derby Rules Packet**

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# General Demolition Derby Regulations

1. Vehicle and driver must be equipped with seat belt and helmet.
2. No snow or bar tires, regardless of tread, allowed on drive wheels. Minimum 15" wheel size. May be disqualified at gate, if found with vehicle.
3. All glass must be removed from inside and outside of the vehicle, before entry into fair grounds.
4. All drivers **MUST** have valid driver's license. Drivers under the age of 18 **MUST** have written consent from parent or guardian.
5. Vehicles displaying a flag are open for crashing.
6. No intentional driver's door crashing. Judge's decision.
7. No drinking alcohol before or during the contest.
8. Battery **MUST** be covered and fastened securely. NO Bungies!!
9. Gas tank **MUST** be removed from the vehicle. Must have inside gas tank, positioned away from rear bumper, and bolted down. No bungies or plastic tanks or boat tanks allowed!! Maximum of 6 gallons.
10. All vehicles **MUST** have a number sign on roof, minimum size 12" x 12". Also **MUST** be numbered, in contrasting colors, on both sides. Numbers need to be 12" or larger.
11. No offensive or vulgar words/pictures on any part of the vehicle allowed.
12. During contests, vehicles remaining in stationary position for more than 1 & 1/2 minutes will be disqualified. If you move again you must hit an active car.
13. Vehicles may be disqualified by a judge or judge's decision. Judges may disqualify ANY driver. ANY harassment of the judges or fair board members, by a contestant, will result in banning that contestant for 1 year, through conclusion of next year's fair.
14. All vehicles, not removed from grounds, within 4 days, will become property of the fair.
15. Must be in the gate by 5:30 pm. Gate will be closed promptly at 5:30 pm.
16. You must have a factory hood and trunk lid installed on your car.
17. If your car rolls over you are out.

You are not signed up until we receive entry form and fee.

Mail or Call:

Mike Ovick  
11223 Pokegama Lake Rd  
Pine City, MN 55063  
(320)629-6671

Scott Wimmer  
6809 560th Street  
Pine City, MN 55063  
(320)279-0019

Pine County Agricultural Society  
Fair Office  
(320)629-3408

## 2024 Stock Car Rules

Judges make all final calls

All cars must be standard makes. No CONVERTIBLES, IMPERIALS, or IMPERIAL FRAMES.

No 9 wire or cable to frame.

Washers must be free floating, not welded to anything

### Frame

\*No welding on the frame. No reinforcing, plating, or stuffing the frame, hood, trunk lid, or body panels. No tipping.

\*May use 1 - 16" long 4 x 1/4" plate per frame rail on top of frame rail only. 16 inches starts from the front of frame rail.

\*Torsion bars may be turned up to gain height. Suspension may only be welded up at the control arms.

### Drivetrain

\*May use any motor and transmission of choice. Must be mounted in stock location. Factory mounts may be welded or chained.

\*You may run a lower cradle/ front plate w/ pulley protector. Cradle may be welded to engine crossmember. You are allowed **2- 4x1/4 flat straps to help weld motor in**. No more than 4 inches of any strap may be welded to the frame. Straps must be in front of the carburetor and remain behind the front pullies.

\*No other bracing of engine, transmission, rearend allowed

\* Rearends must be 5 lugs from any passenger car. May run slider shaft and pinion brake. Rearends may be chained over the top of the frame. (not through it)

\* Headers, tranny coolers, floor shifters, and electric fuel pumps may be used.

\* NO WATER BARRELS ALLOWED! You can run radi-barrels attached to core support only. Radi-barrel cannot touch frame in any way and you cannot cut out frame to fit it.

### Body

\*Firewall horizontal seam may be welded. No other seams may be welded. No added material.

\*Body bolts must remain stock size. May replace factory rubber mounts with spacers(same size as factory).

\* May add four bolts 3/4" x 9" max – 5"x5" x 1/4" plates, from floor to frame anywhere in the car behind firewall. Bolts may go through the frame or may be welded to side of the frame vertically.

- \* Driver's door reinforcement may not extend more than 2" out from body and no more than 6" past door seams.
- \* Doors must be chained or welded. No seam welding- may use 4x6 inch patches. 3 per door seam. If chaining doors 3 spots per door seam. 1 loop per location and **CANNOT** go around frame.
- \* May fasten clip to frame in 2 locations on each side. 1 must be in front of a arms and other must be behind a arms. 2x4x 1/8 strap to do so.
- \* No window bars in the front window opening.
- \* All aftermarket throttle pedal and brake pedal systems can mount to tin only. No bolts through the frame.
- \* You may trim and fold rear wheel area for clearance and may be welded or bolted back together with no added material

### **Cage**

- \* A 4-point free floating cage. Door bars not to exceed 60". No larger than 4" diameter dash bars. X-brace from door post to opposite rocker allowed, no larger than 4" diameter. allowed. No down bars to frame or floor. Has to be floating cage. Dash bar 3" away from firewall.
- \* One strap or chain may run from middle of door post from top of door bar up to roof. If strap is used, it may not be more than 3/16" thick x 4" wide and not welded more than 8" on the roof.
- \* Gas tank mount can be connected to cage but must be floating 6" off of the floor and 6" away from package tray

### **Bumper**

- \* Any factor bumper is allowed. If building a bumper by using tubing, bumper cannot be made into a point, max size is 4"x4" must be covered by a bumper skin.
- \* May add 2- 2x2x1/4" angle iron per frame rail to help weld bumper to frame
- \* Rear bumpers may be attached to body.

Bumper height not to exceed 22 inches to the bottom of the bumper to the ground and must be a minimum of 14 inches from the ground to the bottom of the bumper or frame.

All must be open

### **Hoods**

- \* Hood may be bolted or chained, but not welded shut
- \* If using bolts:
- \* 6 hood bolts (1 inch max diameter)

\* 2 must go through the frame or be welded to the side of the frame at the core support. Must remain vertical and not be used as a kicker.

\* Other 4 must only go to tin. (8 inch maximum length) may use 6x6x1/4 washers

\*If chaining.

\* 6 locations.

\*2 can go around frame at core support.

\* Other 4 locations are tin to tin.

\* 1 loop per location.

\* Must have 12x12 hole in hood in case of fire

**\* Hood must be opened for inspection. If hood is not off for inspecting, you will not run. NO EXCEPTIONS!!**

## **Trunks**

\* Trunk lids can be tucked.

\*Trunk lids may be chained or welded shut.

\*If welded

\* 6- 4x6 inch patches.

\*May run 2 bolts (1 inch diameter max) from trunk lid through or welded to side of frame. Max 6x6 washers

\*If chaining

\*6 locations, single loop per location.

\* Can run 2 bolts (1 inch diameter max) from trunk lid through or welded to side of frame. max 6x6 washers, or 2 chains from trunk lid down around frame.

\* Rear window bar may be ran from top of rear window opening (in center) to front trunk seam. Window bar and mounting pad must remain within 6 inches of window opening and 6 inches of trunk seam. Max window bar size of 2" tubing.

# PINE COUNTY FAIR IMPERIAL RULES

## ENTRY INFO:

1. Registration is open to first 32 Cars.
2. Registration Deadline is July 4<sup>th</sup>, 2024.

## ENTRY FEE:

1. 1 Pit pass per entry.
2. vehicles hauling cars will be allowed in pit area.

## RULE CHANGES 2024

\*\*\*PRE-RUNS ARE ALLOWED AS LONG AS CARS PASS INSPECTION USING THESE RULES.\*\*\*

### New Styles (1967-1973)

1. New style Imperials may run rear  $\frac{3}{4}$  threaded rod from hood to frame, rod must run along firewall with no angle forward onto top of frame.
2. Threaded rod only may be welded to top of frame with 1 inch weld around rod.
3. No gussets or forward angled threaded rod allowed or will be cut from top of frame.
4. New style Imperials may weld k-member to frame.
  - 4 inches in front of a-arm,
  - 4 inches in back of a-arm,
  - May use a plate or filler for gap.

## BASIC RULES:

1. Imperial only class. ~~Cars must be FRESH builds no prerans.~~
2. Build to the rules listed not the "grey" areas. Impossible to cover all "grey" area rules, use common sense, most do a great job understanding the type of build we're looking for. RULES WILL BE ENFORCED PER JUDGES INTERPRETATION!
3. Cars must remain stock to the cars design unless, modification is in THESE RULES FOR THIS YEAR.
4. All Chrome, glass, interior must be removed.
5. No trailer hitches or brackets on car.
6. No welding other than what is mentioned in THESE RULES. If your car is found with any welds and you refuse to cut your car will not be allowed to compete.
7. Scope will again be used on all cars.
8. No #9 Wire allowed.

## FRAMES:

1. No Imperial subframes in non-imperial cars.
2. ABSOLUTELY NO welding of any frame seams whatsoever! NO fresh paint or undercoating on frames. GRINDING on frames is LIMITED to only areas ALLOWED for modifications. Spray foam NOT ALLOWED to cover any framework.
3. No reinforcement to shock tower area. Leave this area with shock or leave open. No sleeving shock tower.
4. Torsion bars maybe turned up for height, but may NOT be moved, remounted, or welded to.
5. Body bolts can be replaced with a ¾ inch max bolt. Max length of 8 inches for body bolts. Must keep a one inch spacing between body and frame. Cars without a space of one inch will NOT be permitted to run. **Do NOT weld body washers to frame or floor.** Max size of washers is 4x4x1/4.
6. No other spacing of body and frame. NO sleeving body mounts for body height.
7. You May add 2-3/4 bolts with 4" washers on each frame rail in desired location. Again, these CANNOT exceed 8 inches. These extra body mounts are in addition to factory mounts.
8. NO welding new style k-member to outer frame rails.

## FRONT SUSPENSION:

1. NO AFTERMARKET:

Tie Rods, Ball Joints- Weld in, A-Arms, Steering Box, Pitman Arms, Sway Bars, HUBS/ Idler arms/ Trailing arms, Spindles.

2. Everything under front of car MUST remain STOCK to a Chrysler Imperial.
3. No changing, altering or modifying front suspension. EXCEPT: turning up torsion bars and bracing on factory a-arms.
4. A-arms may be welded with 2- 2x6x1/4 thick strap on each side of arm. May weld same size piece of steel to lower control arm as well in place of shock.

## REAR SUSPENSION:

1. Use rearend of choice, 5 bolt or 8 bolt, but may NOT be reinforced in any manner. All stock housing may be used with no bracing or extra bolt on mounts. If mount is not being used it may not be on housing. Only mount on rearend is factory leaf spring mount factory for Chrysler.
2. May run slider shaft with pion brake.
3. Leaf springs must have factory measured stagger and only 7 leafs per pack. May run up to six spring clamps per side. Max size of 2" wide clamps.
4. Only factory leaf perches may be used to mount rearend to leaf spring. For Non-Chrysler rearends only factory size Imperial perches and U-bolts can be used to mount rearend to leafs!
5. You may loop chain or cable from rearend over frame. Only ONE loop allowed. NO bolting or welding to frame.

#### TIRES AND WHEELS:

1. May start with 14 or 15 inch tire. 8 lugs will need 16" factory stock rim for 8 lugs.
2. Wheel reinforcement is allowed only for 6" weld in centers and valve stem protection.
3. Street tread on rear tires.
4. Stock rims may have 1" bead welded on inside of tire for non-Chrysler rims or wheels that are narrowed.
5. No solid tires.
6. AGAIN, if you run 8 lug must use a stock non-reinforced 16" rim. NO aftermarket wheel centers can be used with 8 lug rearend.

#### BODY ALTERING:

1. Trunk lid is only body shaping allowed.
2. 2-piece fenders on old styles and 72-73 maybe seam welded with NO added material.
3. Only seam welding is on firewall horizontal seam, no added material.
4. Front wheel wells maybe bolted on 67-68. Max 8 bolts but may not be welded in any manner.
5. May fold hood and trunk must stay located to hinges.
6. Trunk lid maybe folded under into truck, just ONE-fold to keep it clean.
7. Rear window bar may be run on new styles from roof to front trunk seam, 6x6 plate on both ends, only one bar 2x2 or smaller.
8. Doors welded shut two 4"x 6" patches per seam.
9. Drivers' door can be reinforced on outside for driver protection. Bracing may not extend out farther than 2". May extend door bar 6" past door seam forward and backward.
10. You may trim front fenders over and bolt or weld tin together. No added material, May NOT be welded to frame or bumper.

#### TRUNK:

1. Two 3/4 all thread maybe ran through trunk frame to trunk lid. May weld all thread to side of frame. Only two rods to frame.
2. 6x6 plates maybe welded to trunk lid.
3. Weld trunk shut, using SIX 4x6 patches- 2 per seam.
4. Inspection hole cut on trunk floor.
5. May tuck trunk as described above.
6. Rear bumper may have two straps to body. No wider than 6 inches.

#### HOOD:

1. Hoods may be bolted shut in 6 locations max 3/4 inch all thread.
2. Front two bolts at core support. May go through frame or welded to top of frame. May NOT add any plate to top of frame to mount allthread.
3. All other bolts must be sheet metal to sheet metal 6x6 plates on hood and can only be 8 inches long.
4. Front core support cannot be moved from stock location or reinforced in any way. May have bottom seam welded to frame not added material.



## BUMPERS:

### TWO OPTIONS ON BUMPERS:

1. Run shock style bumper but must follow same shape and size as factory. These bumpers may be reinforced on the inside. NO Chrysler pointy bumpers.
2. 4x4 beam behind stock Imperial bumpers.

MAY NOT RUN BOTH! IF OLD STYLE RUNS A SHOCK BUMPER IT CANNOT RUN ANOTHER BEAM TO THE FRAME RAILS TOGETHER. ONE OR THE OTHER! NOT BOTH!

- Old style Imperial frames may be shortened in front of stock core support. Bumper or 4x4 beam. Can not be closer than 17" from engine cross member.
- Old styles may mount angle or plates under radiator but can only be welded to core support and NOT to frames. ONLY for radiator support.
- Top of "Y" on old styles must remain OPEN for access to frame. Old styles can weld bottom of "Y" with ¼ plate only. CANNOT go farther back than where "Y" comes together.
- No other welding on front frame rails.
- Front bumpers may not exceed 22" to bottom of frame to ground.
- Rear frame must be a minimum of 20" from ground.

## INTERIOR:

1. Bars may be a max of 6" diameter tubing.
2. May run dash bar, behind seat bar, and horizontal door bars to connect dash and seat bar.
3. Seat bar may be run horizontal or x shape behind seat.
4. Horizontal bars cannot run farther back than 6" past front door seam and 6" past rear door seam on front doors of 4 door or 2 door.
5. Cage can only be connected to sheet metal NOT to frame.
6. NO rollover roof bars.
7. Battery box, gas tank, tranny cooler must be bolted or welded to floorboard only no welding these parts to cage work or frames.
8. Pedal plates can only be bolted or welded to floor not to frame or cage.
9. Steering column may be welded to cage.
10. Shift controller may be welded to a bar off cage as well.
11. Gas tank protector can be run but must be off floor and welded off cage. Must be away from floor or tin by 4".

#### DRIVE TRAIN:

1. Use motor of choice in stock location.
2. Must run a radiator in stock location. Radiator can be only option for cooling. No auxiliary coolers allowed.
3. No radiator protectors in front, sides, or back of radiator. NO SPRAY FOAM, per order Pine City Fire Department!
4. Distributor, midpalate's, dist. Cap, full engine and transmission cradles or plates are NOT allowed.
5. May run front plate with pulley protector. This plate may be bolted on or welded to a lower engine cradle that is connected to engine only. Must attach to a factory style motor mount.
6. Motor may be mounted in two extra points between the front of pulleys and front spark plug. May be attached to k member or frame with 4" max material.
7. No header or carb protectors allowed.
8. Transmission of choice with no bracing and only one mounting point on stock Imperial cross member.
9. May run Ultrabell Aluminum.

#### REPAIRS:

1. Rust repair is allowed with only 16 gauge MAX.
2. Rust repair is NOT allowed 2" past damage.
3. Call for frame repair if car needs framework repair. Otherwise, no repair of bent or rusty frames.
4. Like we say...Do NOT push build into "GREY AREAS". Thank you!

Casey Laase 763-286-6421

Scott Olander 763-350-1008

Mark Geisler 320-336-9816

# 2024 Big Truck Rules

## General

- No wire #9, etc.
- ½ and ¾ ton trucks only
- 4 door trucks allowed (see cab section for details)
- If you have a 4x4 truck, no power to the front tires
- No adding or moving stock cross members except as follows:
  - If you need to, you can remove your stock transmission cross member and substitute a piece of C channel. Only welded or bolted along the bottom of the frame rail.
  - You can add a support to hold your radiator/radibarrel. 3” channel max only connected to frame. Must be directly under radiator/radibarrel. This is not intended to be a crossmember to support the frame rails.

## Frame Repairs

- You are allowed 8 total frame bent/kink repairs. No more.
  - Each fix has to be at least 4” apart
  - You cannot sandwich the frame with steel at a bend. Choose to either fix it on the outside or the inside.
  - Material can only extend past the bent/kink by 2”.
  - Material can only be ¼” thick

## Drivetrain

- Engine and transmission swaps allowed
- Rim diameters stay between 15” - 16 ½”
- Full weld in center allowed
- Rear differentials can be swapped by must be 8 bolt max. No braced rear ends.
- Aftermarket gas pedals, shifters, sliders, brake pedals, etc. allowed. Pinion brake also allowed.
- Lower engine cradles allowed. Welded or bolted, but not both. Details below:
  - Lower cradle made from plate steel only. No front plates, no pulley protector, no mid plates, no tube reinforcing cradle
  - Lower cradle cannot attach to cylinder heads or cylinder head bolts
  - Lower cradle attaches to engine at factory engine mount location and does not wrap around the front of the engine
- Cradle, if bolted in, must be bolted within the stock location only using 2 bolts
- Cradle can also be welded in using flat stock, square tube, etc., but must still only use 12” worth of total weld connecting it to your frame. Welded only between front pulleys and carburetor.
- If not using lower cradle, you may bolt in factory mounts along with welding engine down. You may weld between front pulleys and carburetor. Cannot

bridge from side to side or go over the engine. Must not have more than 12” total weld connecting to frame.

- Transmission bracing and aftermarket bellhousings are allowed. If you use one of these, you cannot bolt or weld to your transmission to a crossmember. It has to be floating on top of your crossmember.
- You can only mount your transmission to the crossmember if it is in stock form with no bracing or aftermarket bellhousings. Must be bolted or welded in a stock manner (single location).

### **Suspension**

- Front bumper must be between 24” – 30” off the ground measured from the top of the bumper.
- Rear frame cap must be 24” – 30” off the ground measured from the top of the cap.
- Front suspension can be welded to obtain a height.
- Tube steel can be used to weld your suspension up, 2” max. Must stay vertical and have no gussets.
- If leaf springs are used, you are not allowed to add/stack front leaf springs.
- Allowed 6 clamps per leaf pack

### **Front of Truck**

- Front bumper can be no bigger than 4”x4” tubing. No pointed bumpers. Bumpers must have bumper skin over the face of it.
- No car bumpers allowed – tube only.
- No angled gussets connecting your bumper to the frame. You can only use 2x2 angle iron to overlap your welds to make sure your bumper doesn’t break loose.
- You are allowed 2 pieces of 1 ½ x 1 ½ square tube to reinforce your frame. Connecting engine saddle to front bumper. Cannot go further back than front edge of engine saddle. Do not place it on outside face of the frame.
- The only other tube steel allowed in the front of the truck is:
  - A piece of tube (3” max) across the top of the core support.
  - 2 down bars (3” max) connecting your core support bar to your frame rails. These 2 down bars must stay vertical. You are not allowed to have kicker bars from the core support bar to the engine mount area.
  - The 2 down bars can have 6” triangle gussets at the bottom where they meet the frame. 3/8” max thickness plate steel. No tube gussets.
- Radiator or radibarrels allowed. Barrel width stay inside of your frame rails. 3” max. Mounted to vertical uprights only in 4 locations. 4 – 2x2 angle 6” long cannot touch frame. Must be mounted in factory position.
- You can have a max of 8 hood bolts (1” max). Bolts can only connect sheet metal to sheet metal.

- 2 of your hood bolts are able to run down to your frame rails by the core support area.
- Your hood must either be removable or have a large enough hole cut in it to fully inspect the front area.
- You cannot add an engine saddle/crossmember if it did not come with on from the factory.

### **Cab Area**

- Floating cab steel only meaning none of your dash bars, door bars, etc. can be welded to your frame.
- Cab bolts can only be welded along the outside of your frame rail or bolted to the top lip.
- You can add 6 additional bolts (1" max) inside the cab. 6" washer max and no washers can be connected.
- Ay bolt cab to box with up to 3 bolts (1" max) – 6" washer.
- You can patch rusted through floor pans with 1/8" sheet metal.
- Doors are to be welded shut. Your material shouldn't venture more than a couple inches past your door seams. Same applies to welding your box to your cab (1/8" max thickness).
  - No re-sheeting body panels
- If you build a roll bar inside your cab, all of it must stay inside your cab and not anchored into the bed.
- If you run a 4 door, all your cab steel must stay within the front area just like if it was a single cab. Nothing more than 10" behind the driver seat. Your additional bolts can extend behind the driver seat.

### **Bed Area**

- Rear frame must be capped. Use either C channel or square tube
- You are allowed 8 additional box bolts (1" max). 6" washer max and no washers can be connected.
- Box bolts can only be welded along the outside of your frame rail or bolted to the top lip.
- You are allowed to use C channel as a gas tank protection. Laid flat along the bed floor. Must stay in front of the wheel wells and cannot be connected to your cab steel.
- You can only use 4 of your additional box bolts through this gas tan protection down to the frame.
- If you choose to have a roll cage in the box, it must stay in the box no wider than the width of the frame, no further back than 3' from the front of the box and stay in front of the wheel wells. This can be anchored in the same manner as the gas tank protection and not connect to cab steel. May choose either gas tank protection or a roll bar, not both in the box.

- You can lay a piece of angle iron along your box where it meets the tailgate (3" max)
- Weld your tailgate so it does not fall off your box
- No wedging or flattening your box and tailgate

# 2024 Small Truck Rules

1. Welding from center of front wheels forward permitted. This is the only frame welding allowed. All added steel must be covered by body panels.
2. Patch and pucker frame. 6" long ¼" thick plate outside of frame only, 8" between patches.
3. No frame swaps. No Imperial sub frames, K frames, etc. Stock only!
4. Stock bumpers only. Make sure bumper can cover your beam. No pointy bumpers.
5. Must have a hood and must be bolted down in max of six places using 1" rod, 6" washers max. 12" x 12" opening in the hood above the carburetor. All doors must be welded shut. Eight 4" x 4" pads per door.
6. Roll bars allowed. Inside the cab can be attached to floating cage, cannot be attached to frame. In the box can be attached to floor of the box, cannot attach to cab cage or frame. Kickers can go back to front of rear axle.
7. Dash bar 3" max, door bars and rear cab bars are allowed. No kickers down to the frame (Only floating cages allowed). A driver's side kicker is allowed for driver protection, must be attached to the floor only and not to the frame in any fashion.
8. Cab reinforcement must remain separate from the box.
9. Gear protection in the box cannot be attached to the cab, box front, sides or rear.
10. Tailgate must be welded to the box. Factory tailgates only.
11. No stuffing of body panels (fenders, box sides, etc.)
12. Rear bumpers that are removed, must have frame rails capped using channel or angle, not to extend further than frame rail width.
13. Prior run trucks must meet rules.
14. May add an additional eight body bolts total, other than factory locations in cab and box. 6" washers max.
15. 4 x 4's must have front driveshaft removed.
16. Dodge Dakota's are allowed. No full size trucks allowed.
17. Motor mounts may be welded. Two additional straps or chains can be added. Must be behind water pump, but in front of the carburetor. Lower engine cradles are allowed, but can only be attached to the frame from the center of the front wheels forward, 6" maximum. No DP or Upper cradles allowed. No transmission girdles allowed. Factory transmission mounts are allowed. Home made or manufactured transmission mounts will have to be cut loose.
18. Radi-barrels must be inside frame rails (top and bottom) may be welded or bolted in, 3" thick outside to outside max and vented down.
19. No homemade spring packs – leafs only.
20. If it doesn't say you can do it don't! (It is not allowed)
21. Look at the general rules as they apply to every pit person and the driver.

## Two man cars 2024 (Saturday night only)

*14 car maximum.*

Two man cars is a class where one person steers the car and another person controls the throttle, brakes, and shifter. This is supposed to be a fun class to get others and new drivers involved.

Same as stock car rules

Judges make all final calls

All cars must be standard makes. No CONVERTIBLES, IMPERIALS, or IMPERIAL FRAMES.

No 9 wire or cable to frame.

Washers must be free floating, not welded to anything

### **Frame**

\*No welding on the frame. No reinforcing, plating, or stuffing the frame, hood, trunk lid, or body panels. No tipping.

\*May use 1 - 16" long 4 x 1/4" plate per frame rail on top of frame rail only. 16 inches starts from the front of frame rail.

\*Torsion bars may be turned up to gain height. Suspension may only be welded up at the control arms.

### **Drivetrain**

\*May use any motor and transmission of choice. Must be mounted in stock location. Factory mounts may be welded or chained.

\*You may run a lower cradle/ front plate w/ pulley protector. Cradle may be welded to engine crossmember. You are allowed 2- 4x1/4 flat straps to help weld motor in. No more than 4 inches of any strap may be welded to the frame. Straps must be in front of the carburetor and remain behind the front pullies.

\*No other bracing of engine, transmission, rearend allowed

\* Rearends must be 5 lugs from any passenger car. May run slider shaft and pinion brake.

Rearends may be chained over the top of the frame. (not through it)

\* Headers, tranny coolers, floor shifters, and electric fuel pumps may be used.

\* NO WATER BARRELS ALLOWED! You can run radi-barrels attached to core support only. Radi-barrel cannot touch frame in any way and you cannot cut out frame to fit it.

### **Body**

\*Firewall horizontal seam may be welded. No other seams may be welded. No added material.

\*Body bolts must remain stock size. May replace factory rubber mounts with spacers(same size as factory).

\* May add four bolts 3/4" x 9" max – 5"x5" x 1/4" plates, from floor to frame anywhere in the car behind firewall. Bolts may go through the frame or may be welded to side of the frame vertically.

\* Driver's door reinforcement may not extend more than 2" out from body and no more than 6" past door seams.

\* Doors must be chained or welded. No seam welding- may use 4x6 inch patches. 3 per door seam. If chaining doors 3 spots per door seam. 1 loop per location and CANNOT go around frame.

\*May fasten clip to frame in 2 locations on each side. 1 must be in front of a arms and other must be behind a arms. 2x4x 1/8 strap to do so.

\* No window bars in the front window opening.

\* All aftermarket throttle pedal and brake pedal systems can mount to tin only. No bolts through the frame.



\* You may trim and fold rear wheel area for clearance and may be welded or bolted back together with no added material

### **Cage**

\* A 4-point free floating cage. Door bars not to exceed 60". No larger than 4" diameter dash bars. X- brace from door post to opposite rocker allowed, no larger than 4" diameter. allowed. No down bars to frame or floor. Has to be floating cage. Dash bar 3" away from firewall.

\* One strap or chain may run from middle of door post from top of door bar up to roof. If strap is used, it may not be more than 3/16" thick x 4" wide and not welded more than 8" on the roof.

\* Gas tank mount can be connected to cage but must be floating 6" off of the floor and 6" away from package tray

### **Bumper**

\* Any factor bumper is allowed. If building a bumper by using tubing, bumper cannot be made into a point, max size is 4"x4" must be covered by a bumper skin.

\* May add 2- 2x2x1/4" angle iron per frame rail to help weld bumper to frame \* Rear bumpers may be attached to body.

Bumper height not to exceed 22 inches to the bottom of the bumper to the ground and must be a minimum of 14 inches from the ground to the bottom of the bumper or frame.

All must be open

### **Hoods**

\* Hood may be bolted or chained, but not welded shut \*If using bolts:

\* 6 hood bolts (1 inch max diameter)

\* 2 must go through the frame or be welded to the side of the frame at the core support. Must remain vertical and not be used as a kicker.

\* Other 4 must only go to tin. (8 inch maximum length) may use 6x6x1/4 washers

\*If chaining.

\* 6 locations.

\*2 can go around frame at core support.

\* Other 4 locations are tin to tin.

\* 1 loop per location.

\* Must have 12x12 hole in hood in case of fire

\* Hood must be opened for inspection. If hood is not off for inspecting, you will not run. NO EXCEPTIONS!!

### **Trunks**

\* Trunk lids can be tucked.

\*Trunk lids may be chained or welded shut.

\*If welded

\* 6- 4x6 inch patches.

\*May run 2 bolts (1 inch diameter max) from trunk lid through or welded to side of frame. Max 6x6 washers

\*If chaining

\*6 locations, single loop per location.

\* Can run 2 bolts (1 inch diameter max) from trunk lid through or welded to side of frame. max 6x6 washers, or 2 chains from trunk lid down around frame.

\* Rear window bar may be ran from top of rear window opening (in center) to front trunk seam.

Window bar and mounting pad must remain within 6 inches of window opening and 6 inches of trunk seam. Max window bar size of 2" tubing.