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VAN WERT, OH 45891



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## **2023 Van Wert County Fair Demo Derby Rules**

### **DARE Class and Windshield Class**

W1. Any 80 or newer front wheel drive. 4 or 6 cylinders. No headers or stacks

W2. Windshield Class

- a. Windshield may be left in place
- b. If the windshield is removed, there must be a vertical bar or double strand of wire from roof to fire wall.
- c. All other glass must be removed, if you break any of the windows open removing them all glass must be swept out of the doors/off floor/out of window seals, etc. No covering with tape is allowed.

W3.

- a. Remove outside molding, mirrors, headlights, taillights, hood, and trunk latches.
- b. Exhaust must be removed in front or behind the catalytic converter.
- c. No cutting, bending, hammering, or creasing body is allowed.
- d. Trunk lid must be on the car in the factory location.
- e. You may remove the rear bumper.

W4.

- a. Plastic cover must be removed.
- b. Must use a stock bumper unless it is plastic. Plastic can be replaced with a steel car bumper of similar size. No chrome bumpers.
- c. Front bumpers must be welded on or wired to core support. Bumpers may be welded all the way around but no adding steel or cutting bumper/frame.
- d. Wired bumpers can have 4 double strands of up to #9 wire to core support either around or through the bumpers.

W5. Tie Rods & Suspension

- a. Broken tie rods may be welded but no adding steel
- b. No suspension modifications, must be stock components, cars must bounce.

W6. Battery

- a. May be moved to inside of car
- b. Must be secured to the floor. Ratchet straps are not a secure tie down. You may build a simple battery box to mount to the floor.

- c. No moving computer or any electrical component. You will not run in this class if anything other than what is stated is moved!
- d. If the battery is left in factory position, it must be secured with spray foam.
- e. One battery only

#### W7. Gas tank

- a. Tank may stay in factory location
- b. You may use an aftermarket stainless steel or aluminum tank with a fuel pump either in tank or in-line. Must be securely fastened in the middle of the rear seat area. Ratchet straps are not a secure fastener.

#### W8. Doors

- a. May be wired or chained in up to 2 spots on vertical seams, and 2 spots at the top of the doors.
- b. You must have a bar securely fastened in the driver's side door.

#### W9. Trunk

- a. May be wired in up to 6 spots of double strands of up to #9. 2 of those spots must be around or through the rear bumper if intact. If wired before the inspection, a 12" hole must be cut in the trunk.

#### W10. Hood

- a. May be wired in up to 4 spots with #9 wire double strand.
- b. Must have a 12" hole in the hood.
- c. Must be open for inspection.
- d. Hood latch must be removed.

#### W11. Tires & Rims

- a. Must be factory made.
- b. May run donut spares on the back.
- c. Tires must be radial tires. Must have tires on all rims at the start of heat.
- d. No tubes, no doubles, and no snow tires.

#### W12. Interior

- a. Air bags must be removed.
- b. No other interior to be removed other than door panels to remove windows.
- c. One optional bar behind the seat may be bolted or welded in place and must be horizontal from driver's door post to passenger's door post, or driver's door post to floor on passenger's side. Max 2"x2"x1/4" tubing.

### **Front Wheel Drive Stock Class**

1. Read all rules carefully and follow them. There will be no stretching or bending of any rules or you will either run in the modified class or go home!

2. You must pass inspection within 2 times through or you will not be permitted to run.
3. A 12"x12" roof sign is recommended. It cannot strengthen the car in anyway.
4. Cars must be stock unless modifications are stated in the rules. Cars must have functioning brakes at all times on at least one axle. No painting of the frames, inside of the body of the car, or underneath of the car and inside the trunk.
5. A helmet, seat belt, and eye protection must be worn at all times on the track.
6. If it doesn't say you can do it, don't do it.
7. Any controversies or protests must be brought up during the drivers meeting. We have the right to reinspect, cut, or drill any car at any time. If you are caught breaking the rules you will forfeit all winnings and/or prizes you are due. If you stretch a rule, you will lose that rule.
8. All airbags, glass, plastic, and interior must be removed before arriving to the event.
9. Official's decisions are final! All cars are subjected to reinspection at any time.
10. If the car is found to have plates on the frame or body that the rules do not allow the car will not be permitted to run. There will be no option to fix this problem.
11. If you hammer/shape/weld on the frame in any manner not covered in the rules you will not be able to run. There is no fixing this.
12. You have 1 minute to make an aggressive hit. After 1 minute that car is disqualified. That is 1 minute total. An aggressive hit is solely at the discretion of the officials.
13. You are not permitted to hit anyone in the driver's door. If you do, you are disqualified. If you use your driver's door to take advantage of this rule, the car that hit you is not disqualified.
14. You may not get out of your car for any reason during the heat until you are out.
15. You are only permitted to have 1 fire in your car. Unless we think it is unsafe. This will result in a disqualification.
16. You can not pin to win.

#### BUILD

1. Cars must be 100% stock! No cross breeding the entire drive line. It must be the same make as the car, it must have the factory engine of the make and model of the car with the stock exhaust or headers. The exhaust may be cut off.
2. The engine must be mounted with the stock mounts in the stock position. No welding of mounts. They must be bolted in. No homemade cross members.

3. The cross member must be stock and bolted in, not welded. You are permitted an aftermarket aluminum radiator, but it must be bolted in like factory or held in with ratchet straps or #9 wire. No radiator protectors or holders are permitted.
4. You may leave the stock gas tank in the stock location, or you may relocate the fuel tank to the rear floor of the car. If this is done, you must use a fuel cell or boat tank. No stock fuel tanks are permitted inside of the car. If you move the fuel cell to the inside of the car it must be securely fastened to the floor with bolts and you must remove the stock tank from under the car. Ratchet straps are not approved to mount the fuel cell.
5. The windshield may be left in the car, but it is recommended you remove it. If removed, you must have a double strand of #9 wire from fire wall to roof.
6. The following must be removed prior to entering fairgrounds; the windows, headlights, taillights, all the chrome, and the mirrors. Interior must be swept clean of debris and glass. You must remove all glass, plastic, and fiberglass on the outside of the car including the plastic bumper covers. **ALL AIRBAGS AND PUCKS MUST BE COMPLETELY REMOVED.**
7. Under the hood you may take the plastic fender wells out. The battery may be left in the stock location. You may put a rubber mat over it or spray it with foam around it but not excessively. You may not move the battery to the floor of the car. Battery must be covered and secured. You may lengthen the cables to reach the battery on the floor but not the wiring harness. This will be strictly enforced.
8. A simplified wiring harness is permitted. If the car has a wiring harness in front of the core support you may move it behind the core support. You cannot remove the body mount bolt to do this.
9. All body mount bolts must be factory stock. No altering is permitted.
10. The doors must be chained or wired in no more than 8 places per door and no more than 2 double strands of wire per spot. The wire for the bottom of the doors may go around the frame. You may use 5/16" chain or 2 strands of #9 wire per spot. You can weld the driver's front door only for safety using 3"x3"x1/4" strapping and you can have a door skin no thicker than 1/8" or similar material or a bar in the door. No other doors may be welded or have washers or angle iron welded to them.
11. Trunks must be chained or wired in no more than 8 places and no more than 2 double strands of wire per spot. Two of these may go around the bumper and/or the frame. The deck lid and tailgate must be in the factory position on the car or it must be completely removed from the car. If you remove the deck lid you are not permitted any wire for your trunk. Two 8"x8" inspection holes must be put in all

- deck lids within 2" of the center of the quarter panel rain channel. You cannot remove the speaker deck from the car. No welding or adding metal is permitted. If the deck lid is welded you will not run or you will cut the deck lid completely off with no exceptions. The deck lid is being measured 12" from the top of the rear quarter panels in the center of the deck lid in 3 spots starting from the back of the deck lid up. If you don't have a deck lid you are permitted any wire for your trunk.
12. Hoods may be wired or chained in 8 spots and no more than 2 double strands of wire per spot. No exceptions! You may use 5/16" chain or 2 strands of #9 wire per spot. It must be sheet metal to sheet metal only. No welding case of a fire. You must remove the hood latch. Hoods must be open for inspection.
  13. Creasing of the body is permitted but it must be behind the back door on the quarter panels only. The quarter panels must stay the stock height of the car.
  14. Any tire and rim combos are permitted. Double tires are permitted. No foam filled tires. No bead locks.
  15. You can have a safety bar behind the driver's seat and driver's door bar if you choose. You may have a rollover bar but it must run straight across and can only be welded to the top side of the rear seat bar. You are permitted a gas tank holder off the back bar that can be no wider than 24" and must be 6" away from all sheet metal. No exceptions or you are not permitted to run! These may be no bigger than 2"x2" and the mounting plate can be no bigger than 6"x6" and must be mounted no farther than 6" behind the driver's seat. You may also reinforce the driver's door as you see fit for driver's safety. This may be done from door seam to door seam only.
  16. The car's factory springs and shocks are what can be used. No solid suspension. Screw in spring risers are permitted. No wire, chains, or any weld on the rear ends or the rear spring pockets. The car must bounce. The front bumper can not be any higher than 21" from the bottom of the bumper. The back bumper can not be any higher than 14" from the bottom bumper.
  17. Any car bumper is permitted except for chrysler pointy bumpers. They must be bolted and welded on in the factory location. You may collapse the shocks and weld all the way around the shock and to the mounting plate to the bumper there must be a 1 1/2" gap between the frame and the factory bumper shock plate. The shock must be bolted in the factory location. If the car did not come with bumper shocks you cannot add them. You can use 4"x4" box tubing that is 1/4" thick as a bumper that is no more than 5 feet long with no point. The ends of the bumper must remain open. No metal added to the bumper is permitted. If the car has no shocks, the bumper may be welded directly to the frame with no metal added. On

the back side of the bumper where the shock mounts you may use a ¼" x 6" x 6" piece of flat metal to create a flat mounting surface. DEC bumpers and Adept products bumpers are permitted. Homemade bumpers must be bolted together, not seam welded. Hard nosing is permitted but there must be a 1" gap between the front of the core support mounting bracket and the bumper plate. This will be measured from the front of the core support mounting bracket to the bumper plate.

18. No wire or straps can be attached from the roof to the floor in the rear seat area.
19. Headers are permitted.

### **MINI VAN/TRUCK/SUV**

Engine cannot be bigger than a V6, no V8's. No durango's or dakota's.

#### **General Rules**

1. Must be 100% stock! No cross breeding of the drivetrain. It must be the same make as the vehicle (ex: chevy to chevy, ford to ford, etc.) and must appear to be the factory engine to the car. Headers are permitted. The engine must be mounted with stock mounts in the stock position. No welding of the mounts is permitted. They must be bolted only.
2. No homemade cross members are permitted. Cross members must be stock and bolted in, not welded.
3. The doors must be chained or wired in no more than 8 places per door. The wire from the bottom of the doors may go around the frame. You may use 5/8" chain or two strands of #9 wire per hole.
4. The trunks must be chained or wired in no more than 8 places. Two of these may go around the bumper and/or the frame. You are not required to have a deck lid and/or tailgate. No welding or adding metal is permitted. The trunk lid must be in the stock location. No tucking, wedging, pre-bending, smashing, folding, or anything else you can think of is permitted. No welding washers for holes is permitted.
5. Hoods may be wired or chained in 8 spots. You may use 5/16" chain or two strands of #9 wire per hole. It must be sheet metal to sheet metal only. No welding washers for holes is permitted. There must be a 12" hole in the hood in case of fire. You must remove the hood latch. Hoods must be open for inspection.
6. Any tires are permitted. Doubled tires are permitted. No foam filled tires are permitted. Valve stem protectors are permitted. No bead locks.

7. You may leave the stock gas tank in the stock location, or you may relocate the fuel to the rear floor of the car. If this is done you must use a fuel cell or boat tank. If you relocate the fuel tank you have 2 options:
  - a. A back bar is permitted no bigger than 2"x2"x1/4" and you may have a 6"x12"x1/4" plates on the ends for mounting, you can have a gas tank holder no bigger than 24"x24" and it must be 6" away from sheet metal.
  - b. If no back bar is present, you are permitted to have a 24"x24"x12" gas tank structure no thicker than 1/4" and it must be bolted to sheet metal only.
8. No stock fuel tanks inside of the car are permitted.
9. The windshield may be left in the car or you can remove the windshield. If removed you must have a double strand of #9 wire from fire wall to roof.
10. Creasing is not allowed.
11. Stock type springs and shocks are permitted. No solid suspension. Screw in spring risers are permitted. No wire, chains, or any welding on the rear ends or rear spring pockets. Cars must bounce and must be stock.
12. You must use the factory rear end for the car you are running.
13. You may weld the spider gears in the rear end to make it posi. No gears are permitted, and you must use stock axles. You are not permitted to change the gear ratio or use aftermarket axles. This will be the drivers responsibility to prove they are not changed.
14. Any car bumper is permitted except for chrysler pointy bumpers. They must be bolted and welded on in the factory location. You may collapse the shocks and weld all the way around the shock and to the mounting plate to the bumper and there must be a 1 1/2" gap between the gram and the factory bumper shock plate. You can use 4"x4" box tubing that is 1/4" thick as a bumper that is no more than 5 feet long with no point. The ends of the bumper must remain open. No metal added to the bumper is permitted. If the vehicle has no shocks, the bumper may be welded directly to the frame with no metal added. On the back side of the bumper where the shock mounts you may use a 1/4"x6"x6" piece of flat metal to create a flat mounting surface. DEC bumpers and Adept products bumpers are permitted. Homemade bumpers must be bolted together, not seam welded.
15. If the car has a wiring harness in front of the core support, you may move it behind the core support.
16. All body bolts must be factory stock. No altering is permitted.
17. You must have a door bar in the driver's door or a 1/8" thick plate car be welded to the inside or outside of the door.

18. The battery can be moved to the passenger side floor or in the seat but must be secured and covered. You can make the battery cables longer to reach the battery.

## **OLD SCHOOL WIRE**

Any year American made cars including imperials, no hearses or ambulances.

Read all rules carefully and follow them!

### **Frame & Bumpers**

1. Trailer hitches and braces must be removed. No frame welding other than what is stated in the rules.
2. No tilting or COLD BENDING of frames will be permitted. No seam welding on frames is permitted.
3. No frame shaping or hammering is permitted. You may crease, notch, or dimple the rear of the frame to help roll.
4. You may weld the bumper to the shock plate and the bumper shock where they collapse must be at least 1" gap between bumper and frame. You may hard-nose the frame but it must be 1" in front of the core support mount. You can use a 6" x 4" x 1/4" plate for steel to mount the bumper but no bumper shock is allowed if hard nosed.
5. Any factory bumper or a 10 gauge approved bumper from RCL, Limitless Fab, SMW, or Pimp Products.
6. 4 fixed plates, 4"x4"x1/4" only on pre-ran cars, must be visibly bent. 2 per rail.
7. No tilting or cold bending allowed. If in question will be thrown out.

### **Body/Gage**

1. The Driver's door may be welded four places using 3x6x1/4 strapping. All other doors must be wired, chained, or banded shut. 6 double strands of #9 wire permitted per door.
  - a. You must have a door bar or you can plate the driver's door for safety.
2. Deck lids must be in their original position above rain channels or they may be removed from the car. NO WEDGING or BODY CREASING is permitted.
3. Hoods can be wired shit ONLY 6 double strands of #9 wire 2 may go around the bumper. Hoods must be open for inspection. 12" x 12" hole over carburetor. Deck lids may be wired the same way and must also be open for inspection.
4. Body bolts must remain factory. If they look like they have been touched the only fix you will have is to remove bolts and you can use a double strand of #9 wire for each mount. You may change the core support bolt with a 1/2" bolt. 2"x2"x3" long core support spacer is permitted. You may use up to 3" washer. You can change



the rear body mount with a ½" bolt using the factory mount and a 3" washers. Those are the only mounts you can touch.

5. No seam welding on the body will be permitted. Only sheet metal repair is allowed where the battery box and gas tank and drivers area of the floorboard.
6. You may have a bar behind the seat. No bigger than 3" diameter bars and you can use a ¼ x 10" x 10" plate to attach bars to sheet metal. The bar cannot be any further than 6" behind the door post.
7. Gas tank holders are permitted no wider than 24" and at least 5" from any sheet metal. No protector.
8. Original gas tank must be removed and replaced with a boat-type tank or aftermarket fuel cell. Moved inside of the car behind the driver's seat.
9. Batteries must be moved to the passenger side floorboard and securely fastened, must be covered with rubber or another non-flammable material. Only 1-12 volt batteries are permitted.

#### Suspension

1. Tie rods must remain factory.
2. Watts link conversion on 98 and newer cars is not permitted.
3. All suspension components must remain factory stock and no modifications will be permitted. You may use 4 screw-in spacers to get ride height in the front coil springs.
4. No spacers or other metal permitted in, on top of, or around coil spring inside of frame on front coils.
5. Leaf spring cars must remain factory springs.
6. Any tire may be used.
7. Rear coils may be wired or chained.
8. Any factory 5 lug rear end is permitted. No bracing of rear end permitted.

#### Engine/Transmission

1. Any car motor of choice is permitted. No chains on engine permitted.
2. Lower engine cradles are allowed for mounting purposes only. No pulley protector
3. Must use factory cross members and mounts
4. Must use factory style motor mounts
5. Aftermarket shifters and steering columns are permitted, slider driveshafts are allowed.
6. Transmission coolers are allowed. Must be mounted safely and securely.

## **PRO STOCK**

Any year make and model passenger car allowed. Except limousine, hearse, travelall or el camino. Imperials are permitted at some events checked with the promoter prior to the event.

### **General Rules**

1. Trailer hitches and braces must be removed.
2. No frame welding other than what is stated in the rules.
3. You may cut the flaps and tilt the frame in 1 place and in 1 direction. No seam welding on frames permitted.
4. No shaping or hammering of the frame is permitted. You may crease, notch, or dimple the rear 12" of the frame to help the car roll.
5. Bumpers: if using a factory bumper it may be loaded or stuffed full. Replica bumpers are allowed including Chrysler replicas. Homemade front bumpers are permitted. If you choose to manufacture a homemade bumper, it must conform to the following size limits. It can be no larger than 8"x8", the point must taper over an area of at least 32" wide and cannot exceed 12" wide (front to back). The point may only extend out 4" from the flat part of the bumper. If using a factory bumper it may be loaded or stuffed full. Chrysler pointy bumpers are allowed.
6. You may mount the front or rear bumper in 1 of 2 ways. The 1st bumper may be welded to factory shock in the factory location. the 2nd front frame may be shortened to the front edge of the body mount bracket (bracket must remain in factory location and complete). On cars with core support mount through the frame. The frame must be a minimum 1" in front of the factory hole in the frame. If this rule is not followed you will only get a 6" bumper plate if you can cut back more than 4" from the rules you will lose the whole bumper plate! Bumpers may be welded directly to the frame. The bumper shock must be removed from inside the frame and you are permitted a 4" x 12" x 3/8" plate on the side of the frame for a bumper bracket that must be attached to the bumper and it must be welded on the outside of the frame. On the back side of the bumper where it meets the frame you may use a 1/4"x6"x6" to create a flat mounting surface. Rear bumpers may be seam welded and loaded. No pointy bumpers are permitted for rear bumpers. You may have a 4"x12"x3/8" plate on the side of the frame for a rear bumper bracket and it must be attached to the rear bumper. Must be welded on the outside of the frame. No exceptions! Cars with bumpers that do not attach to the frame may use 6 m- 4"x6"x1/4" plates to hold the bumper on.
7. Cars must have set level bumpers that cannot be higher than 22" to the bottom of the bumper or lower than 14" to the bottom part of the frame.

8. You may have a 6"x22"x1/4" hump plate that may be straight across or contoured to the frame and must be centered in the hump. Leaf sprung cars may have a 6" x 12 x 1/4" hump plate straight across or contoured and must be welded on the outside of the frame.
9. You may have 4 fixed plates 4" x 4" x 1/4" on fresh and pre-ran cars two per rail. Plates may not touch/overlap and must have 1/2" gap between. If building a car for these rules and twisted metal they only allow 4" x 12" x 1/4" plate.

#### Body & Cage

1. Doors may be welded 5" on 5" off with no thicker than 1/4" x 3" x 5" material or can be fastened shut with #9 wire or banding drivers door may have a door skin may be welded all the way around.
2. Trunk lid must be from the make of the car and must be a trunk lid (no hoods). You can fold the trunk lid over or push down, the trunk must remain on factory hinges. Quarters must remain in factory position no welding deck lid to trunk floor. Body creasing is ok. Deck lids may be welded with 3" x 5" x 1/4" plate 5" on 5" off. Speaker deck must remain intact. You must have inspected 2 holes in deck lids. Large enough for inspection suggested size 12" x 12". If we can't see you will cut 12" x 12" holes.
3. Hood can be bolted down in 6 places 4 spots sheet metal to sheet metal and 2 front body mounts that may extend through the hood. If using wire, you may use 8 double strands of #9 wire 2 may go around the bumper and or frame. Hoods must be open for inspection. (12" x 12" hole over carburetor).
4. Factory body bolts may be changed to 5/8" bolts there must be 1" gap between body and frame you can use steel spacers, hockey pucks, or stock of washers nothing used may be bigger than 3" in diameter. Body washers inside of the car can be no bigger than 3" in diameter.
5. The front 2 body mounts may be 1" and extend up through the hood. Front body spacer may be 10" tall maximum 3"x3" and must remain below the core support. May be welded to core support frame mount but not welded to core support whatsoever.
6. No seam welding will be permitted on the body. Repairing sheet metal is limited to where the battery box and gas tank and drivers area of the floorboards of the car.
7. You may have a bar in the dash area and a bar behind the seat with bars connecting the dash and rear bar on each side. Side bars must be inside the car not inside the doors. Roll over the bar is permitted. Gussets permitted in corners of the cage must be done at corners only. Side bars no longer than 60" and you

can use a  $\frac{1}{4}$ "x10"x10" plate to attach bars to the sheet metal. No kickers or down legs permitted.

8. Gas tank protectors no wider than 32" may touch the package tray and be bolted with two  $\frac{1}{2}$ " bolts. Dash bar must be 5" from the firewall rear bar can be no farther back than where the kick panel meets the seat all bars must be 5" off the transmission tunnel.
9. Original gas tank must be removed and replaced with a boat-type tank or fuel cell. Moved inside of the car behind the driver's seat but no further back than the rear axle.
10. Batteries must be moved to the passenger side floorboard and securely fastened; these must be covered with a rubber or nonflammable material.
11. You may use expanded metal no thicker than  $\frac{1}{8}$ " or a factory air condenser on core support in front of radiator this may be attached with 4 -  $\frac{3}{8}$ " bolts or 4 - 1" welds.
12. You may have 1 front window bar that cannot be any thicker than 3" x  $\frac{1}{4}$ " strapping. These may attach to the sheet metal no more than 6" on the roof and firewall. You may have 1 rear window bar no bigger than 2" x 2" x  $\frac{1}{4}$ ". It cannot be welded on more than 6" on the roof and 6" from the top seam of deck lid.
13. You may have 4  $\frac{1}{2}$ " bolts per wheel well.

#### Suspension and Steering

1. Any tie rods may be used. On 03 and newer you must use the factory rack and pinion. Any rear end permitted if you run a rear end brace it cannot reinforce the frame or be any wider than 10".
2. Watts link conversions on 98 and newer cars are permitted; you may use  $\frac{1}{4}$ " x 2" x 2" square tubing or 2" round pipe for rear trailing arms. Upper and lower mounting brackets uppers must be mounted to the package tray and lowers must be mounted on the side of the frame. (Cannot be mounted inside or on top or bottom of frame) can be no larger than 7" x 7".
3. You can weld front A-arms down using a  $\frac{1}{4}$ " x 2" x 4" piece of steel front and back side of A-arm. No other weld is permitted on A-arm.
4. No spacer or other metal permitted in, on top of, or around coil spring inside of frame on front coil springs.
5. Rear coil springs must be wired or chained. Solid suspensions are ok. All suspension components must remain factory stock and no modifications will be permitted. Cars do not have to bounce. Front coil springs must remain stock car coil springs. You may use 1" all thread for shocks no bigger than a 3" washer and it must be standard nuts.

6. Leaf spring cars must remain factory springs. You cannot change coil spring to leaf spring setups. No more than 7 springs 5/16" thick. Mainspring must be on top, springs must stair step 1"/ no more than 4 clamps per side. Rear end must sit on top of springs.
7. On 03 and newer fords you must use factory aluminum cradle and suspension components; you may use 80's style spindles and only 80's style spindles. You cannot tilt a 03 and newer ford.
8. No aftermarket spindles allowed. If you use aftermarket ball joints the collar you weld in or bolt in can only be 1/2" bigger than the ball joint.
9. If you run a sway bar it must be mounted in the factory position; the ends can be heated and bolted to the a-arm with no bigger than 1/2" bolt. Must have a 1" gap from the pulley protector.

#### Engine, Transmission, & Drivetrain

1. Any car motor of choice is allowed. Must use frame mounts that have a rubber style bushing like a factory style mount. ZTR or equivalent mount will be permitted. No solid mounts permitted. No chains on the engine allowed.
2. Transmission cross members can be a factory one or a 2" x 2" square tubing only must be straight. Angles for cross member cant be longer than 7" and 2" x 2" must be within 12" from factory location.
3. Lower engine cradles and pulley protectors are permitted. (no braces, brackets, or metal allowed behind the motor mount plate. Maximum distance for mounting pad to engine is 3" past factory motor mount bolt).
  - a. Oil pan may be reinforced, no skid plates.
4. Aftermarket bell housings, transmission braces, and midplates are allowed.
5. Midplates cannot strengthen the car in any way and can only be 1" past the engine block. **\*\*NO DISTRIBUTOR PROTECTORS, FAN GUARDS\*\***
6. Carburetor halo are allowed and may not extend more than 6" past the back side of the carburetor. Spark Plug wire protectors/coil protectors nothing wider than 2" on the side of the cylinder head and 2" taller than the valve cover. 2 1/2 " from the back side of the head. Abuse of these rules results in cutting the firewall out 3" past these parts. Not allowed at twisted metal shows!!!
7. Aftermarket gas pedal, brake pedal, steering column, trans cooler are permitted; these must not be mounted in a way to strengthen the car.
8. Slider driveshafts are permitted.