

.2018
Demolition Derby
RULES & REGULATIONS



Dakota County Fair
August 6-12, 2018
Farmington, MN
www.DakotaCountyFair.org

Inspections and Judging by:
Tri State Motor Sports
Mike Tix (651) 248 - 8499

ENTRY:

**Entry Forms are available online at www.DakotaCountyFair.org
or for pick-up/ mailing from the Dakota County Fair Office.**

Fill out a separate entry blank for each car per night of competition.

Return with \$40.00* per car per night to:

**Dakota County Fair
4008 220th St W
Farmington, MN 55024**

We are looking forward to a great new year!
Thanks for Running!

CHECK-IN:

1. \$40.00 derby entry fee will include two fair gate tickets, two pit passes and one parking passes. We will check you in at the Hwy 3 entrance; we do not mail out tickets. Additional gate tickets are \$5.00 each. Additional pit passes are \$20.00 each and will only be sold the day of the event at the pit gate.
2. All persons admitted at the fair's outside gates must be on the check-in list themselves and their pit person or have a valid admission ticket.
3. Everyone entering the pits must have a pit pass and sign a waiver. ***Absolutely no one under 16 years of age will be admitted into the pits! NO EXCEPTIONS!!! Must have a valid picture ID.***
4. Only competition car, hauler and one other vehicle for each team will be admitted to the pits. No semis or semi-trailers allowed in the pit area.
5. **There will be a mandatory driver's meeting at 7:15pm. Drivers and cars must check in before the driver's meeting. No driver will be allowed to compete if they check in after 7:15pm. DON'T BE LATE!!!**
6. Hoods and *trunks* of competition cars must be open at pit gate for inspection.
7. Inspection start at 5:00pm and you must be on the grounds by 6:00pm.

COMPETITION RULES:

1. Drivers must remain in the vehicle with helmet, seat belt, and eye protection until notified by an official that it is safe to exit the vehicle.
2. Driver's door hits are illegal. If the hit is deemed by the official to be careless or intentional, you will be disqualified, NO questions asked! If you use your driver's door as a defense, we will not enforce this rule. If you use the door defense repeatedly you will be disqualified.
3. No hot rodding in the pits, keep it at an idle.
4. Any open door will cause disqualification.
5. Sandbagging is not to be tolerated and will be strictly enforced!
6. Questions or controversies will be discussed at the drivers meeting.
7. All cars are subject to a post-race inspection before any prize money is awarded. For feature only! Can only be protested by a feature driver. \$150.00 cash in hand by the protestor. If the car is found to be illegal that driver will be disqualified. If the car is found to be legal the protest money will be awarded to the protested driver!
8. One fire and one roll over is allowed, second fire or roll over you will be disqualified.
9. You will have 60 seconds to make a hit, period.
10. When there are 4 vehicles left MOVING in the field, you CANNOT hit the same vehicle more than two consecutive times until the field is down to 2 moving vehicles. You will get one warning and the second you will be disqualified.
11. Drivers must be at least 16 years of age and in possession of a valid driver's license and a signed and notarized parental consent form for any driver 16-17 years of age.
12. Drivers must wear helmet, seat belt, and eye protection at all times.
13. All vehicles must have a fire extinguisher in pit area.

14. All drivers **MUST** attend the drivers meeting. Vehicle must be checked in half hour before drivers meeting. **DON'T BE LATE!** Poor sportsman ship or misconduct by drivers or crew members will result in all disqualification.
15. There is **NO ALCOHOL IN THE PITS**. **NO Tolerance**. If you or any of your crew is caught with alcohol you will be disqualified.
16. No one under the age of 16 is allowed in the pit. **NO ACCEPTIONS!**

GENERAL PREPARATION:

1. All glass, plastic and pot metal must be removed.
2. Nothing may remain in the bottoms of the trunk or doors.
3. All outer hardware must be removed – door handles, mirrors, chrome, moldings, screws, fiberglass, etc.
4. No added weight to any car.
5. Rear seats in all cars and all decking in station wagons must be removed.
6. Front seat must be securely bolted to the floor; however, these bolts may **NOT** go thru the frame!
7. You must have a functioning seat belt.
8. All flammable materials must be removed from the inside of the vehicle other than safety padding and the driver's seat.

GENERAL RULES:

1. **If it does not say you can do it, it doesn't mean you can! Call First!**
2. **Officials decisions are final!**
3. Drivers must be at least 16 years of age and in possession of a valid driver's license and a signed and notarized parental consent form for any driver 16-17 years of age.
4. All vehicles may have a roof sign, minimum 15"x 15", maximum 24"x 24", contrasting colors. These may not be positioned in such a way to strengthen the car.
5. No imperials, any year, imperial sub frames, ambulances, hearses, carryalls or limousines allowed.
6. All bodies must be mounted on stock OEM frames for that year, make and model of that car.
7. Drivers must wear helmet, seat belt, and eye protection at all times.
8. All vehicles must have a fire extinguisher in pit area.
9. All drivers **MUST** attend the drivers meeting. Vehicle must be checked in half hour before drivers meeting. **DON'T BE LATE!** Poor sportsmanship or misconduct by drivers or crew members will result in all disqualification.
10. There is **NO ALCOHOL IN THE PITS**. **NO Tolerance**. If you or any of your crew is caught with alcohol you will be disqualified.
11. No one under the age of 16 is allowed in the pit. **NO EXCEPTIONS!**
12. Changing drivers is not allowed.
13. Entry fee is \$40.00 per car. This must accompany entry form with cash or valid check made payable to the Dakota County Fair
14. Winnings will be paid by cash or check each night of the demolition derbies. ***Drivers must provide social security number*** and if total winnings are \$600 or more, a federal tax form 1099 will be filed in January.

GENERAL RULES:

Engines

1. No engine oil coolers allowed.
2. Must have an air cleaner at the start of the event over the carburetor or air intake.
3. No water pump guards of any kind will be allowed.

Transmissions

4. Transmission coolers are allowed but must be secured in a way to prevent injury. Coolers must be secured in passenger compartment of car and may not be attached to the frame in any way.

Radiators

5. Radi-barrels are not allowed.
6. Radiator must be in stock position in front of the motor.
7. Radiator supports must remain in stock positions.
8. Radiator must contain water only, or environmentally friendly antifreeze (no green antifreeze).
9. You cannot have any kickers from the core support to the frame.
10. NO radiator protectors will be allowed of any kind.

Fuel, Fuel Delivery systems,

11. Marine tank or metal fuel tank will be allowed. No plastic tanks allowed.
12. Original gas tanks must be removed from car. You cannot use original gas tank!
13. You must have the gas tank securely mounted behind the driver's seat and it must be covered. Bolt may not go through the frame.
14. Fuel lines must run inside the car, not under the car along frame.
15. Electric fuel pumps are allowed. They must be covered and have an on/off switch near the steering wheel and clearly marked in large letters.

Tires and Brakes

16. No studded or 100% steel wheels.
17. Valve stem protectors are allowed but may not stick out of the rim.
18. Wheel weights must be removed.
19. Any tire allowed. Double stuffing is allowed. You can solid fill your tires if you wish.
20. Split rims must be welded at least 4 places around the rim with a 4" long bead in each spot.
21. Brake systems must be operational.

Batteries

22. A maximum of 2, 12 bolt batteries maybe used.
23. They must be inside the car in front of the passenger seat. Securely mounted and covered. They may not be attached to the frame in any way.

Bumpers

24. Bumpers are interchangeable. Any automotive car bumper maybe used on the front or rear of the vehicle. Homemade bumpers are not to exceed 6" x 6" and not wider than the tires. They may not have no more than an 8" point. (No log splitter bumpers)
25. You may weld the outer chrome skin to the backing and all the bumper seams.
26. You may weld the bumper to the frame with no extra metal unless specified in class rules.
27. You may not weld the body to the bumper at any time.\
28. Bumpers maybe cut to keep them out of the tires but no sharp points.
29. Bumpers may be installed upside down, but bumper height maximum is 28" to the bottom of the bumper.
30. You may stuff your bumper if you want. Bumper must still look stock with stock angles.
31. You may weld vent holes shut with ¼" maximum thickness flat stock steel.

Cages and Door bars

32. No cage components may attach to or conceal a body mount.
33. You may use channel iron or tubing up to 6" diameter for your cage components (Door bars, seat bars, and dash bar).
34. Door bars may not go through or be attached to the fire wall and must end 6" in front of the rear wheel house.
35. Seat bar may be no further than 6" behind the driver's seat. You are allowed one angled bar off of your seat bar to the floor sheet metal only that runs across the car from driver's side to passenger side.
36. No kickers angled or otherwise.
37. All horizontal cage bars must be at least 10" off the floor of the car, measured at the body bolt elevation.
38. All cage components must be in the interior of the car, not inside the door structure with the exception of the driver's door. This door bar may be inside the door to allow more room for driver's safety.
39. Dash bars may not be connected to the firewall in any way and must be at least 6" off the transmission tunnel.
40. Gas tank protectors are allowed on sedans, not wagons. They may not be more than 24"x10" at the back and centered in the car. It cannot be attached to rear seat pan/divider. It cannot be attached to door bars. It can be attached to seat bar and angle back from there. 3" tubing maximum.
41. Four down bars allowed – at the outside corners of cage.

Halo or Rollover bars

42. You may add a halo bar to cage components listed above. 6" diameter maximum.
43. Halo bars must be in a direct vertical line and no farther than 6" behind the rear of the seat.
44. Halo bar must be in the interior of the car. The top of the halo bar may go over the top of the roof and be welded or bolted to the roof sheet metal in 2 spots. 5" long welds allowed for this and ½" bolts max.
45. Your halo must attach to your back-seat bar or to your door bars.

Trunks

46. You may weld 2 pieces of 1" all thread vertically to rear frame rails and run them through the trunk lid. These must be welded vertically along the frame or bolted through the frame. No pig tails will be allowed.
47. You may use a 6"x6"x 1/4" washers that are free floating on trunk lid bolts.
48. You must have a 12" hole somewhere in the trunk for inspection.
49. Relocation of speaker deck or cutting it out is not allowed. It must remain in the stock location.
50. Your trunk lid may be V'ed in the center. You are allowed to smash it down, but you must have at least an 8" gap from the trunk floor pan and have a 6" gap from the speaker deck to the floor pan.
51. Tucking your trunk lid is allowed.
52. Rear Window Bar: from top window frame to front trunk seam – 4x4 max!

Hoods

53. Hoods may be bolted, chained or wired shut only. You cannot weld your hood shut in any way.
54. You may use 6 bolts to hold you're the hood shut that are 1" maximum with 6"x6"x 1/4" washers that are free floating.
55. You may run 2 of these bolts to the frame and they must be right in front of or right behind or through the core support. They must be vertical all the way to the hood and may be welded vertically along the side of the frame with no pig tails.
56. The other 4 bolts must be sheet metal to sheet metal with a maximum length of 8".
57. Or you may use 2 pieces of 3"x3"x4" angle iron and use a 1" bolt maximum to hold them together in 4 places.
58. You may install up to 12- 3/8" bolts or self-tapping screws per hood cutout maximum of 3 cuts out. Maximum washer size is 1" diameter. Cut outs may be for header clearance, air cleaner clearance or radiator filling opening. You must have at least 2 cutouts 10" diameter in hood for fire access.
59. No welding of hood cutouts is allowed.
60. Hoods must be open at inspection time.

Doors

61. Doors may be chained, wired or welded shut. 2 chains or wire loops per seam or welded 5" on 5" off with 2" wide by 1/4" straps. Straps may not go to frame. Chains and wire may go around frame.
62. Driver's door may be welded solid.
63. Driver's door plate recommended maximum 24" wide welded across driver's not to exceed 3" past front and rear seams.
64. Tailgates on wagons or trucks and hatchbacks maybe welded 5" on 5" off with 2" wide by 1/4" thick steel. These plates may not be welded to the bumper or frame.

Windows

65. You must have a minimum of 1 bar or max of 2 bars, 3" max, chain or wire running from roof to cowl in windshield area for Driver's protection. May not attach to the cage in any way. You may have two 1/4 inch flat stock window bars maximum.

Other

66. No chain binders will be allowed.

67. All 4-wheel drive vehicles must remove one drive shaft.
68. No doubling of body panels allowed, no added metal allowed.
69. Floor sheet metal maybe patched where components will be mounted or for Driver's protection, sheet metal only. No other patching is allowed unless it's a safety issue, call first. You must leave the rusty floors in place, do not cut them out.
70. No body seam welding allowed except for the exterior of doors.
71. Holes may be cut in floor and firewall to accommodate the shifter, fuel lines, and transmission lines.
72. You may cut or roll wheel wells and fenders for tire clearance.
73. You may not add any extra bolts or screws to any seam or frame unless the rules state you can. You will be asked to take them out if you add extra bolts or screws.

Full-size

Read Competition, General Prep and General Rules before reading these rules.

Engines

1. Any motor may be used in any car but must be mounted within 5" of original motor.
2. Engine mounts may be modified to hold engine in place but may not strengthen car.
3. All engine mounts and braces can go to cross member only.
4. You are allowed 1 chain per side off the front of the motor to be chained to the cradle only. You may use max chain of 3/8", 12" long max. You are allowed to weld 1 link to the cradle. One pass with the welder and max of 1/2" wide bead. Do not add any extra metal to it or you will be asked to cut it all off. If you choose not to weld it, then you can run the chain to an existing bolt. Do NOT make your own hole for this and you cannot pin or sleeve it in anyway.
5. **03s and newer:**
 - All material used must not exceed 1/4-inch thickness.
 - You must provide a one-inch inspection hole in spring bucket, you may weld 1 inch washer around it.
 - Must run the original aluminum cradle and stock lower A-arm. Aluminum cradle must be visible, do not wrap entire cradle, bottom straps limited to 8 inches flat straps.
 - Upper A arm, motor mounts and spring bucket must mount off the 2 existing cradle bolts. No frame welding allowed for these components.
 - No mounting plate or component may extend more than 2 inches in front of or behind the cradle bolts, measured from middle of the bolt, this rule will be strictly enforced.
 - You may use any automotive or fabricated spring bucket, but it must not strengthen the frame in any way, cannot not be larger than necessary to hold coil spring. Again, must be mounted off 2 existing cradle bolts. **DO NOT** weld to frame in any way.
 - **No pinning of frame. YOU WILL BE LOADED NO CHANCE TO FIX!!!!**
 - To mount steering box, you may weld a tube to the top and bottom of frame. Do not weld excessively, do not pin frame to mount the steering box. (if mounting of steering components strengthens the frame in anyway, you will NOT run).
 - Do not weld any seams behind the A-arm, even if the factory skip welded the seam, do not weld!
 - If you choose to pitch, this must be done at the Trans cross member only.
 - You may cut the excess frame off the front rails, but you may not move the front body mount. All body mounts must remain in stock location.

6. Distributer protectors are allowed must be attached to engine or transmission only. Backside no wider than 12" and must be at least 6" from dash bar at the start of the event with nothing between them except the firewall. It may not be welded, bolted or connected to body, hood, or frame. Forward supports must be inside normally positioned headers and must be behind water pump.
7. Engine braces cannot be connected to the cage or dash bars in any way.

Transmissions

8. Slider drive shafts are allowed.
9. Transmissions must be of passenger car origin.
10. Transmission cross members can only be welded 6" along frame, straight across from transmission original mount. If you are running a homemade crossmember, it cannot be any bigger than 2"x 2".
11. Transmission braces are allowed but they can only connect to the transmission. They cannot be attached to the tranny cross member, tranny mount, or engine cross member.
12. There must be a 2" gap from all bracing and brackets and the crossmember.

Rear-ends

13. Rear ends must be of passenger car origin factory 5 lug max.
14. May use any type of rear ends. (Ford, Mopar, GM or Hybrid.)
15. You may tilt the rear ends by lengthening or shortening the trailing arms. Trailing arms must be of passenger car origin and must operate. Trailing arms maybe reinforced but must be OEM design.
16. Rear end braces are allowed, but they may not serve any purpose other than to strengthen the rear end housing. They may not extend from the rear end further than 6" or above the axle tubes 18" from the back of the backing plate.
17. You may convert a Watts-link to a standard 4 link system in the following way. Use the upper and lower brackets off an older ford. After market brackets are allowed but no thicker than 1/4" and may be attached with max of 3- 1/2" bolts on each side or 4- 1" welds per bracket. Do not position the brackets to strengthen the front down legs of the rear hump. The brackets must mount in the stock location and be the stock size. Or you can cut out the old pan and weld a new one with a max of 2" overlap. Weld the new pan to the old pan tabs and not to the frame rails. Call if you have any questions?

Body Bolts

18. All body bolts may be replaced with up to 1" bolts, maximum length 10".
19. You must have at least 3/4" space between body and frame, any spacers may be used but cannot be welded. Maximum spacer size 3" diameter.
20. Maximum washer size is 4"x4"x 1/4" and must be free floating. The washers on the bottom of frame must be inside the frame and must not cover the body mount holes in anyway.
21. Body mount holes CANNOT be covered for any reason! All plates must be free floating.

Cages and Halo's

22. You may add 4 vertical down bars welded to your door bars and welded to the floor sheet metal only without any extra plating. Maximum 3"x 3" tubing will be allowed for these.
23. You may weld the halo bar to your floor sheet metal but this counts as 2 of your vertical down bars. These cannot attach to or conceal a body mount.

Frames

24. Call inspector on rust repair before you do anything.
25. Frame seams may be welded on top only. From in front of the front A-Arm mount forward only. May only use welder, no extra metal. 1/2" wide bead max.
26. No other frame welding is allowed. No plating, stuffing, heat treating, or foam filling of frames is allowed. DO NOT paint or undercoat your frame, you will not be inspected! Your vehicle will stay loaded on trailer.
27. You may cold tilt frames or cut 2 flaps at crush box and re-weld 1/2" wide welds.
28. Rear frame rails may not be shortened, and no dowel pinning of the frame is allowed.
29. You may run a chain, cable, or #9 wire from rear rail to rear rail behind the rear humps. 3/8" chain maximum. You may bolt through the frame for this but no pinning or welding of washers to frame.
30. You may chain or wire your axle around the frame rail, do not bolt this chain through the frame. You may not use any strapping of any kind for this. 3/8" chain maximum. You may not weld the chain links together to create a bar effect.
31. Uni-body cars may use 1 bolt per side for this to bolt through the uni-body. Do not weld the bolt or any washers to the uni-body.
32. You may not add any extra bolts or #9 wire or anything through the frame unless the rules state you can.
33. All cars are allowed hump plates in the rear. You MUST follow the contour of the frame. 18" long x 1/4" plates max. One side of the frame only and must be centered on the hump. Judge's decision is final.
34. On pre-1973 Y frame Chryslers you may weld the Y shut top and bottom with 3/16" maximum plates. It cannot overlap frame more than 1" and must have a 2" inspection hole.
35. Mopars are allowed to secure K member in the following ways
 - a) You will be allowed to weld the k-member to the frame rails. Only use the welder, a 1/2" wide bead max.

Bumpers

36. You may weld the bumper brackets or shocks to the frame. You may not weld or attach anything further back than 4" behind the core support to the frame unless the factory mounts for that make and model car go farther than that. Call with any questions.
37. Rear bumper must be a minimum of 14" off the ground from the bottom of the bumper.
38. Compression bumper shocks may be drained and slid back and welded.
39. You may run 4 loops of #9 wire from radiator support to bumper in 2 locations outside of radiator.
40. You may weld one 4"x12"x1/4" strap per frame rail from bumper to frame to help keep bumper on. This must remain in one piece, and may be welded on top, bottom or side of frame, but it cannot be angled to corner of bumper to form a kicker. 12" is maximum length.

Suspension, Springs, Steering

41. No coil to leaf conversions.
42. Leaf springs must be in factory position.
43. You may change coil springs or use spring expanders to raise ride height. You may also double up coil springs.
44. You may not remove the shocks and put pipe or all thread in their place.
45. You may reinforce your tie rods. Must start with an OEM tie rod.
46. You may not add anything behind the spindle that may act as ball joint protectors!
47. Steering wheel to steering gear box may be modified. After market or homemade steering columns are allowed.
48. Sway bars must be in stock location and not welded to the frame in anyway. It may be bolted tight to the A-arm though.
49. A-arm rubber stops may be removed, and A-arms maybe bolted or chained down. 3/8" chain max. You are allowed to weld 4 links to the frame rail, but nothing can be welded to the A-arm.
50. You may change A-arm and spindles, but they must be an OEM car A-arm and 5 stud spindle.
51. You cannot reinforce any A-arms. They must remain stock.
52. Back end cannot be solid. Suspension must move.

Leaf Springs

53. 9 leaf maximum, 2 1/2" wide maximum.
54. No flat stacks allowed. Packs must have an arch.
55. Stagger must be 1" between leafs in front of and behind rear end.
56. 5 clamps allowed per side and cannot be attached to frame.
57. Clamp material 1/4" thick 2" wide, 2 bolts per clamp.
58. No welding on spring pack.
59. No duct taping of spring pack prior to inspection.

Trunk Lids

60. You may also hold your trunk lid down in one of the following ways along with the 1" rod:
 - a) You may weld 2- 4"x4"x 1/4" plates on the side trunk seams (4 total plates). None on the front or the back seams of the trunk lid.
 - b) Or you may use 2 pieces of 3"x3"x4" angle iron with a 1" bolt to hold them together in 4 spots.

Doors

61. You may smash the top of the inner and outer door skins together and weld them together with no extra metal.
62. Driver's door may have window netting for driver's safety. No other windows may have any netting.

Windows

63. Bars in the windshield area must be 6" outside of the back of the distributor protector. Do not put them directly behind the distributor protector.

64. You may use #9 wire in 2 spots total in each window opening. This wire may go to or around the frame, but not past C pillar on wagons, or in rear window. Wire must remain in the field of that window. No crisscrossing the interior of the car.
65. Washers for #9 wire may be welded to roof sheet metal. Maximum washer size is 2".
66. You are allowed one bar in the rear window. 3" maximum diameter allowed. Not allowed on wagons or sedagons. It may only be connected to the speaker deck and 6" onto the roof. May not attach to the cage in any way and may not overlap over any sheet metal. Must remain on the speaker deck.

Other

67. Body creasing, enhancing of existing body lines and additional body lines will be allowed, but they may not be welded or bolted together.
68. No body seam welding allowed except for the exterior of the doors and the top of the doors for the inner and outer door skins.
69. You may have up to 8 3/8" bolts in each wheel opening; you may cut or roll wheel wells and fenders for tire clearance.
70. All sheet metal repairs must be done with sheet metal only.
71. Skid plates are allowed. They must be separate plates for the engine and transmission. NO full-length skid plates. NO bolting or welding the skid plate to the frame or cross-member.

03 and Newer

72. Must run the original aluminum cradle and stock lower A-arms.
Review '03 and newer rules under Engines...Please call with any questions – don't assume!

Pre-ran Cars

73. Cars that have been pushed down or bent back or the frame is ripped can be plated.
74. One 5x5 inch front of cross member allowed. Two 5x5 inch plate behind cross allowed per frame rail.
75. Frame repairs CANNOT cover any body mount holes in any way.
76. Re-stubbing is allowed but must be stubbed A-arms forward or behind the firewall and must be but welded.
77. Re-stubbing of frames must be manufacturer to manufacturer frame. For instance: GM to GM, Ford to Ford for that make of that car.
78. There will be no slicing or trimming of illegal plates or reinforcement, if it doesn't belong, it has to be removed completely.
79. Any car that will not comply with these rules and regulations will stay on the trailer.

Mighty Mini's

Read Competition, General Prep and General Rules' before reading these rules.

1. One 16 vehicle event - if we have more than 16, class will split -Payoff stays the same.
2. Examples of Mighty Mini's - small vans, Ford Ranger, S-10 pickups and Blazers, Bronco II, Dodge Dakota's or Astro van's.
3. V-8's allowed if they came factory.

Rules

4. Pre-bending of sheet metal is allowed but body creasing, enhancing of body lines or additional body lines will NOT be allowed.

5. Vehicles must have standard suspension. No welding of front or rear suspension is allowed.
6. Body bolts may be changed. 3/4" is the maximum diameter allowed with 3"x3"x 1/4" plates in original positions. Plates must be free floating.
7. No protectors or cradles

Midsized class

Read competition, General Prep and General Rules' before reading these rules.

1. One 16 vehicle event. If we have more than 16, class will split. Payoff stays the same.
2. Wheelbase specifications for midsized are 114" and shorter measured at the center of the front axle to the center of the rear axle.
3. FRONT wheel drive only.

Rules

4. Pre-bending of sheet metal is allowed but body creasing, enhancing of body lines or additional body lines will NOT be allowed.
5. Vehicles must have standard suspension. You may weld your suspension, front and rear, with two pieces of 2x4 inch plate.
6. All body bolts must remain stock.

Chain-up Class

Do not read the General rules unless these rules say too.

NEW THIS YEAR: cross breeding engines and tranny are allowed, along with slider drive shafts.

After-market parts allowed: gas/brake pedal, shifter and pinion brake. The pinion brake may not strengthen the rear end.

1. This is a pure stock, no weld class.
2. 113" wheelbase is minimum.
3. Any 1980 and newer car is allowed.
4. No chain binders, slider drive shafts, distributor, pulley or water pump protectors will be allowed.
5. Any tires are allowed.
6. Body bolts must remain original. If they are rusted out or missing, you may replace them with the stock size bolts and stock size washers. Core support mount may be changed out with 5/8 rod and go through the core support and hood.
7. Transmission coolers are allowed. They must be mounted securely on passenger side floor and not connect to the frame in any way.
8. Rear ends must be stock with no bracing.
9. Front and rear suspension must remain stock. You may replace the coil springs, or you may use 2 spring expanders per spring.
10. For your cage and halo, follow the rules in the general rules section.
11. Bumpers may be welded chained or bolted on. Bumpers may be cut for tire clearance. No sharp points will be allowed. Any bumper allowed, welded bumpers must be welded on 4 inches back.
12. Frames may be re-stubbed just in front of the front A-arm mount or at the cross-member location. But weld only, no over-lap will be allowed. No plating will be allowed. Rust repair is based upon judge's decision – call first!

13. You may repair floor pans that are rusted out with sheet metal only for driver's safety or for mounting gas tank, battery box or transmission coolers and that's it. You must leave in the rusty floor pans, do not cut them out.
14. No bolting, chaining or reinforcing of A-arms. You may weld upper A-arm down with 2 pieces 2"x4" flat straps per side.
15. You may weld or bolt a driver's door plate on the outside of the door. 24" wide by a 1" thick can go 3" past the door seams. It may not be welded over the door seams though, can only be welded to the driver's door.
16. You may move the shifter to the floor and hot wire the ignition and starter.
17. Follow the fuel systems and battery rules from the general rules.
18. Each door may have a maximum of 2 chains (3/8" max) or 9 wire (2 loops, 4 strands) in 2 spots on the door. Only 1 may go around the frame.
19. Trunks may have a maximum of 2 chains (3/8 max).
20. No pre-bending of sheet metal allowed. You may tuck your trunk but if you do, 50% must remain in the stock location.
21. Wheel opening may be trimmed for tire clearance but fender or wheel well bolts will not be allowed.
22. Hoods may have a maximum of 4 chains (3/8" max). 2 in front and 2 in the back around the cowl.
23. No crisscrossing of chains front or rear.
24. Follow the tire rules in the general rules section.
25. Brakes must be operational.
26. Hoods must have at least 2, 10" holes for fire access and must be open at inspection time.
27. Roof signs can be no bigger than 24" x12" high. May not be placed to reinforce anything.
28. 4 leaf spring clamps will be allowed per spring. Do not duct tape or cover springs until after inspection.
29. No 9 wire will be allowed unless specified in the rules.

COMPACT CAR CLASS

1. Front Wheel Drive ONLY

Rules:

1. Maximum hub center to hub center wheelbase measurement of 104.5".
2. Any hardtop cars, including station wagons are allowed *except* ambulances, hearses and carryalls. You may swap engines. Engines must be six cylinders or less.
3. Exterior molding, license plates and glass, including head and tail lights must be removed before entering the fairgrounds. The rear seat must be removed. All dirt, debris and other loose pieces must be swept out.
4. Gas tank must be strapped in back seat and covered; tank can be metal and cannot hold more than five gallons of fuel. The original tank must be removed or dropped. No electric fuel pumps unless standard equipment. Cannot use original gas tank.
5. Gas tank protectors are allowed. May not be attached to door bars. May be attached to seat bar. May not be more than 24" wide at the back and not more than 10" tall. It cannot be attached to rear seat pan-divider.
6. Cooling system must be original equipment and must contain water only. Trans Coolers allowed.

7. Any flat car bumper allowed – NO points. Bumper may be welded to frame but with only two straps per frame rail. 4"x6"x1/4" to keep bumper attached. No trailer hitches or other reinforcement.
8. All body parts, including fenders, must be in place. Trunks, body and frame may not be welded for reinforcement. Pre-bending of sheet metal is allowed.
9. External door skins can be welded. 5 on 5 off, no welding on inside of doors.
10. Cars must have standard suspension. No welding of front or rear suspension.
11. You are allowed 2, 12-volt batteries in the car.
12. Car hood and trunk must be held down using two single strands of chain (3/8" max), or #9 wire, maximum of 4 strands (2 loops). 2 thru cowl and hood also allowed for safety. Or maximum 4 bolts, 1" threaded rod, max 6" washer. Front two may go through the frame and the other two tin to tin. Washers must be free floating. 2 bolts allowed in trunk with 6" free floating washers. Two 6" diameter holes must be cut in hood (fire access).
13. Minimum 2" and maximum 3" tubing MUST be placed in car running from post to post behind driver's seat with maximum 12" square end plates permanently attached to cars body. If dashboard is removed, a safety bar with minimum 2" and maximum 3" tubing and 6" square mounting plates must be installed in its place. A roll bar manufactured from minimum 2" and maximum of 3" tubing can be installed for driver protection. Roll bar must abut to the back of the driver's seat or safety bar, no kickers. Passenger side safety bar is allowed. Door bars may not go past fire wall and must end 6" in front of rear wheel house. Allowed 4 vertical down bars attached to sheet metal only, 3x3" max tubing. May not go to or conceal a body mount. Roll bar may go over roof.
14. Each driver must have a fully functional five-pound ABC fire extinguisher on site in tow vehicle.
15. Car number must be on both front doors, rear lid and roof; no advertising or other signage in these areas. No upright signs higher than 12" *or longer than 24"* on car roof.
16. Driver's door may be reinforced with maximum of 1" thick plating extending no more than 3" past door opening seams, and no more than 24" wide.
17. Body bolts cannot be larger than 1/2" in diameter with 3"x3"x1/4" plate in original positions. Washers must be free floating.
18. Hatch backs and tailgates may be chained in two spots or two pieces of 3"x3"x 4" angle iron with 1" bolts to hold them together in two places.
19. Any tire allowed. No solid steel wheels. Must have rubber around them.

Trucks

1. 1/2 and 3/4 ton truck and suburban's will be allowed in this class.
2. 4-wheel drives must remove one drive shaft.

Rules

Engines

3. Follow the engine rule in the general rules section and the full-size class.
4. You may also have 4 extra motor mounts that go to the frame, one off each corner of the motor. These braces may be 3" wide by 1/4" thick that are welded to the frame. You may also weld a 3"x3"x 1/4" plate to the frame. There must be a 2" gap between these braces and you cage braces. They may not be more than 6" in front of or behind the engine.

Frames

5. There will be no plating, boxing, doubling or adding of any cross members to the frame unless the rules say you can.
6. You are only allowed 6-6"x6"x1/4" plates per frame rail for frame repairs on your truck. You may box the frame but must have a 2" gap between plates. You are allowed a max of 6 plates per frame rail. Maximum of 36" of total frame plating on each frame rail.
7. Any plating done other than rules allow will be cut. NO QUESTIONS ASKED!!

Fuel Systems

8. Follow the fuel system rules in the general rule section. The gas tank must be securely mounted in the front of the box.

Doors, Tailgates and Body

9. Doors and tailgates may be welded shut with 4" wide by 1/4" thick flat steel inside and out. If you don't weld them, you must chain or 9 wire them shut in at least 3 places and a maximum of 6.
10. Body creasing, enhancing of existing body lines and additional body lines will be allowed, but they may not be welded or bolted together.
11. Box can be bolted to the cab in 6 places with 4"x4"x 1/4" plates that are free floating with 1" bolt max. You can also weld the cab to the box using 4"x 1/4" flat steel.
12. You may have a door plate on the outside of the driver's side door that may not exceed 24"x1" and cannot extend more than 3" past door seams.

Cages and Halos

13. Safety is a big concern in this class so make the inside of you cab safe. A dash bar, behind the seat bar and door bars are Mandatory. Maximum 6" tubing or channel iron may be used for these.
14. You may have 4 down bars connecting your cage to the frame. They can be a maximum 6". They cannot extend past the fire wall or behind the back of the cab.
15. No bars are allowed to attach to the firewall in any way.
16. You may also run a halo bar directly behind the cab. Maximum 6" diameter. It may be bolted to the cab in 6 spots with 1" bolt max. It can be bolted to the bed floor and may not be welded to the frame. Bolts may connect to the frame with a 1" max bolt.
17. Kickers from your halo cannot be more than 12" from halo bar and must be bolted only to bed of truck not to the frame and must be 12" in from the sides of the box.

Body Bolts

18. All body bolts may be replaced with a maximum 1" bolts that cannot attach to any cage components.
19. You may add 6 extra box bolts from the frame to the box. That are 1" max bolt or U bolts or chain. Washers for box bolts can be 6"x6"x1/4" max and must be free floating. U-bolts will count as one bolt. Both bolts of the U-bolt must go through the same 6x6x1/4" plate.

Leaf Springs

20. Shackle brackets may be welded to the frame. Welder only, no extra metal. 1/2" wide bead only.
21. Rear leaf spring can have no more than 10 leafs in it with a 1" stagger in front and behind the axel.
22. Front leaf springs can have a max of 8 leafs with a 1" stagger.

23. You may leaf the front of a non-leaf vehicle, but you must use factory OEM leaf spring mounts. These mounts may be welded to the frame.
24. 5 leaf spring clamps will be allowed per leaf pack. Clamps can be 3"x1/4" and wide enough to get around the springs with 2, 3/8 bolts per clamp. No welding of leaf springs.

Tires

25. Follow the tire rules in the general rule section.

Hoods

26. You will be allowed to have 6 hood bolts welded vertically to the frame with no pig tails that are 1" max with 6"x6"x1/4" free floating washers. OR you can use 2 pieces of angle iron that is 3"x3"x4" bolted together with a maximum 1" bolt in 6 places on the hood and fenders.

Radiators

27. Follow the radiator rules in the general rule section.
28. You are allowed to run a radiator protector for the truck class only. Protector can be no thicker than a 1/4" and no wider than 2" bigger than the factory radiator opening. Flat stock only, no angle iron or tubing will be allowed. Solid plates can be bolted in only. Max of 6, 1" bolts. If you are using wire mesh or expanded metal, you may completely weld them in.

Transmissions

29. Follow the transmission rules in the general and full-size rule sections.
30. Transmissions may be from a car or truck origin.

Bumpers

31. Follow the bumper rules from the general and full-size rule sections.
32. No homemade bumpers can be run on the front of the truck. You may use a piece of C-channel for the rear bumper if you wish. It cannot extend more than 8" outside of the frame rails and must be cut flat. No sharp points. Maximum width allowed is 6".
33. You can run either a bumper or the C-channel, not both of them.
34. You may add a cross member from frame rail to rail behind front bumper only. 4" angle iron or channel will be allowed to weld the bumper to.
35. Bumper brackets may not extend more than 8" onto the frame.

Stock Truck Rules

Truck

1. 1/2 and 3/4 ton truck and suburban's will be allowed in this class.
2. 4-wheel drives must remove one drive shaft.
3. Please follow all general prep rules.

Rules

Engines

4. Engine cross breeding is allowed.
5. You may have solid motor mounts that can be welded, bolted or chained to the engine cross member, Not to the frame rails.

6. You may brace front of motor to the frame rail with 1"x ½" flat steel or 3/8" chain. No angling forward or backwards.
7. You must start with an air cleaner over the air intake.
8. No skid plates, distributor protectors, trans bracing, engine cradles, engine oil coolers or carb protectors.

Frames

9. There will be no plating, boxing, doubling or adding of any cross members to the frame unless the rules say you can.
10. If frame is badly bent you may plate one side with one 3"x 5"x ¼" plate. **Limit 2 plates per rail.**

Fuel Systems

11. Follow the fuel system rules in the general rule section. The gas tank must be securely mounted in the front of the box.

Doors, Tailgates and Body

12. Doors and tailgates may be welded 5" on 5" off with 4" wide by ¼" thick flat steel outside seams only. Drivers door may be welded inside also. If you don't weld them, you must chain or 9 wire them shut in at least 3 places and a maximum of 6.
13. Box can be bolted to the cab in 4 places with 4"x4"x ¼" plates that are free floating with 1" bolt max or you can weld the cab to the box using 4"x ¼" flat steel.
14. You may have a door plate on the outside of the driver's side door that may not exceed 24"x1" and cannot extend more than 3" past door seams.

Cages and Halos

15. Safety is a big concern in this class so make the inside of you cab safe. A dash bar, behind the seat bar and door bars are Mandatory. Maximum 6" tubing or channel iron may be used for these.
16. You may have 4 down bars connecting your cage to the floor sheet metal. They can be a maximum 6". They cannot extend past the fire wall or behind the back of the cab.
17. No bars are allowed to attach to the firewall in any way.
18. You may also run a halo bar directly behind the cab. Maximum 6" diameter. It may be bolted to the cab in 6 spots with 1" bolt max. It can be bolted to the bed floor and may not be bolted or welded to the frame.
19. Kickers from your halo cannot be more than 12" from halo bar and must be bolted only to bed of truck not to the frame and must be 12" in from the sides of the box.

Body Bolts

20. All body bolts may be replaced with a maximum 1" bolts that cannot attach to any cage components. 5"x 5"x ¼" free floating washers will be allowed for this.
21. You may add 6 extra box bolts from the frame to the box. That are 1" max bolt or U bolts or chain. Washers for box bolts can be 6"x6"x1/4" max and must be free floating. U-bolts will count as one bolt. Both bolts of the U-bolt must go through the same 6x6x1/4" plate.

Leaf Springs and suspension

22. Must have a stock number of leaf springs. No leaves over the main leaf.
23. 4 leaf spring clamps will be allowed per leaf pack. Clamps can be 3"x1/4" and wide enough to get around the springs with 2, 3/8 bolts per clamp. No welding of leaf springs.

24. No after marked Rear-ends allowed.

Tires

25. Follow the tire rules in the general rule section.

Hoods

26. You will be allowed to have 6 hood bolts welded vertically to the frame with no pig tails that are 1" max with 6"x6"x 1/4" free floating washers. OR you can use 2 pieces of angle iron that is 3"x3"x4" bolted together with a maximum 1" bolt in 6 places on the hood and fenders.
27. You will be allowed 4, 3/8" bolts per hood cut out. If sheet metal is folded over or rolled you may not weld or bolt together.

Radiators

28. Follow the radiator rules in the general rules section.

Transmissions

29. Transmissions may be from a car or truck origin.
30. No slider drive shafts allowed.

Bumpers

31. Any stock flat car bumper allowed. No points.
32. Bumpers may be cut down, but no sharp edges will be allowed.

Other

33. No frame seam or body seam welding will be allowed except for what the rules say u can do.
34. Wheel well openings may be cut for clearance and may be bolted together with a maximum of 6, 3/8" bolts.
35. You must have a minimum of 1 and a maximum of 2 bars or chains in the windshield for the driver's protection.