Iron Outlaws Promoters Derby Rules 2024

GUT AND GO (WIRE) MINI CAR

THIS CLASS IS INTENDED FOR QUICK AND EASY BUILD ONLY WELDING ALLOWED IS DRIVERS DOOR AND SAFETY BARS/CAGE

Cars must be stripped of all interior, glass, chrome, plastic and any flammable materials.

1. Cars can be powered by a 4 or 6 cylinder engine.

2. 110" Maximum wheelbase

3. No shortening of cars to achieve wheelbase limits.

4. No full frame cars.

5. If 4x4 cars are used, front or rear drive shaft must be removed.

6. No sedagons.

7. Battery must be located in passenger compartment and mounted securely. ONE Battery are allowed.

8. Cars MUST have working seatbelt and brakes. MANDATORY!

Body

1. No body seams may be welded or doubling of body panels allowed

2. Doors may be chained or wired in 8 spots. You may weld drivers door only 3” x 1/8" x6" 2 plates per vertical door seams only (4 plates total). Pillars may be taped, chained or wired shut.

3. You must have a 8”x8” inspection hole in trunk lid.

4. Front Windshield Bar is MANDATORY. It is limited to a 2” wide x 1/4" thick strap or a chain/9 wire loop. NO REAR WINDOW BAR

5. NO Body creasing

Radiator and Core Support

1. Radiator must be in stock position

2. Any automotive type radiator can be used.

3. NO Homemade Radiators Allowed

4. No Reserve Tanks and No Added Cooling Capacity.

5. Two Electric Fans, Mounted to Radiator may be used

6. Do Not Move Core Support

7. Factory condenser can be mounted outboard of radiator to be used as a protector. Can be wired in 4 spots in factory location.

Hood

1. Hood has to be open at inspection then can be wired in 8 spots (double strand loop)

2. Hoods must have 8"x8" hole in center. If hood is removed, either the fan or the fan belt must be removed.

Trunk

1. Trunk Lid MUST remain on hinges and in factory location. No dishing, tucking or any other modifications.

2. Trunk can be wired in 8 places (double loop strand)

3. You can remove trunk lid

Cage

1. All cars MUST have at least a door bar or plate and cross bar between B pillars. Bolted or weld in from 3" in front of and behind drivers door seams. THIS IS FOR DRIVER SAFETY.

2. A 4 point floating cage is allowed but limited to 4 points only. Your cage must have a dash bar that must be 6" from the firewall. Your cage must have a bar behind the driver's seat no more than 8" away from it. You must have (2) side bars can't extend more 8" behind drivers seat and must not extend past your dash bar.

3. Roll over bar cannot be more than 8" behind driver's seat.

Frame/subframe

1. No welding, plating or reinforcing of the frame, sub frame, or unibody

2. ALL factory frame holes must be left open.

3. You CAN NOT shorten front frame

Bumpers

Stock to the vehicle

You may collapse bumper shocks but NO welding

You are allowed to (4) 9 wire loops from bumper to cores support.

YOU MAY BOLT A CHAIN FROM BUMPER TO THE FRAME (3/8 MAX) or 9 wire in 2 places.
This is to aid in keeping bumpers off the track.

You may remove rear bumper

If you choose to run rear bumper ur allowed to wire it to unibody of the car

Engine / Transmission

1. Any 4 or 6 cylinder car allowed. Must factory engine for car in STOCK location. (NO chevy to ford ect)

NO CARB UNLESS CAR HAD IT FROM FACTORY.

2. Stock motor mounts

3. ECU relocate is allowed

Gas Tank and Fuel Pump

1. Stock gas tank can be left in factory locations if in front of rear axle.

2. If it is not it MUST be removed from original position and mounted in the rear seat area and secured. No rubber or chain straps. All tanks must have a secure cap. A MARINE TANK OR FUEL CELL IS STRONGLY RECOMMENDED. All lines and fitting must be leak proof and meet approval of the track officials. Electric fuel pumps are allowed.

3. All lines should be double clamped

Suspension

1. Stock Suspension must be original factory suspension for that car.

2. Tie rods must be stock with factory ends, No heims! NO BRACING

Tires

1. Stock wheels only NO SOLIDS OR BRACED/PLATED WHEELS

2. Street tires/Dot tires only (NO skid steers, tractor threads etc)

PATCH PLATE RULES

1. ONLY pre ran cars get patch plates
2. (4) 3"x5"x1/4 any where on car must have 1" of space between them

All other repairs must be approved.

If it doesn't say you can do it. DON'T DO IT. You will cut or have run with limited weld minis

2024 Full Size Lite Weld class rules (this was our bonestock class with couple changes)

Any American made car or station wagon (no trucks, jeeps, limousine, imperials, or hearses).

DO NOT READ ANYTHING INTO THESE RULES, JUST READ THE RULES!! If it doesn't say you can, YOU CAN'T!

Or you will be loaded, your choice! NO black cars, dark cars must have contrasting letter/numbers. DO NOT paint anywhere on suspension or frame, we will not even inspect your car. - Remove all glass mirrors and plastic. Remove all decking in wagons

COMPETITION RULES: - Drivers must remain in the vehicle with helmet, seat belt, eye protection and steering wheel on until notified by an official that it is safe to exit the vehicle.

- Driver's door hits are illegal. If the hit is deemed by the official to be careless or intentional, you will be disqualified. If you use your driver's door as a defense, we will not enforce the rules. If you use the door defense repeatedly you will be disqualified.

- No hot rodding in the pits. Keep it at an idle.

- Any open door will be cause disqualification, you are allowed one fire, and then second fire will be cause for disqualification. You may return in later rounds.

- Sandbagging is not tolerated and will be strictly enforced. Locking up the brakes prior to a hit for anything other than a driver's door will be a cause for disqualification. The fans pay to see a show, put one on for them! - You must make AGGRESSIVE HIT every 60 seconds. - You will be given ample time for restarts. We do not use the clock exclusively. We try to work with you if you are hung up. Hitters get more time than sandbaggers. - This is not a team event; team driving will not be tolerated. - THERE IS NO ALCOHOL IN THE PITS. This includes pit crews. If you or ANY of your crew is caught with alcohol, you will be disqualified.

- Any questions, CALL FIRST. Don't assume anything. The Officials decision is final.

Body

- No sedagons, ZERO frame shaping, forming or folding.
- Deck and Hood must be 100% in stock location and open for inspection. After inspection you may tuck trunk to the floor with one single 90* bend.

- You may crease rear quarters. REAR ONLY.

- Wagons ONLY if you remove your tail gate may have 6 places of wire 2 strands max must be behind axle sheet metal to sheet metal only roof to floor.

- Anything can be removed, NOTHING can be added. – All cars competing must have a hood on at all times to run.

- Fasten trunks, hoods, tail gates in 6 places, 2 strands of #9 wire (Sheet metal to sheet metal only) or 6 locations using ½ bolts with store bought washers through the drip rail in the trunk. You may also use angle no longer than 2" long and a single ½" bolt to hold hoods shut.

-Door seams may have no more than 6" of weld, vertical seam only. Drivers door may be welded 12 inches total on vertical seams only. 2" x 1/4" strap.

-BODYMOUNTS:

-You may have up to a 6" core support spacer (it may not be welded if metal).

-Core support may be 1" threaded rod.

- If you choose to change your core support mounts with 2 of your threaded rods, you get 3 plates 1/4x 5"x 5" max, 7- 1" nuts ,7 -3"OD max 1/8 thick washers per threaded rod CORE SUPPORT ONLY. If core support bolts are changed, this will count for 2 of your 6 mounts.

-Body mounts and spacers to remain stock and in place. DO NOT EVEN TOUCH THEM! Exception, You may change a total of 6 body bolts out, with 5/8"x 30" long threaded rod max with 3 nuts, 3- 5/8 store bought washers and 3-5"x5" 1/4" thick plates per rod. Must be straight vertical rod only, no bends or angle pieces. Must have 1 inch rubber or metal spacer no larger than stock body pucks, and all bottom nuts must be inside frame. If they are broken or rusted out, a single piece #9 wire may be substituted. ZERO welding allowed to mount this rod. Rusted out body bolts may be removed and replaced with a single strand of #9 wire.

- No attaching body bolts to any part of the cage/ rollover bar.

- #9 wire or chain required in front windshield.

FRAMES:

- You may dimple your rear frame rails only to achieve the frame to roll

- NO welding, bolting, wiring, or adding any material/substance to strengthen frames.

-At Inspectors discretion frames will be drilled, wire wheeled or wiped down. – Absolutely not painting or spraying any material on frames or welds. Cars will not be inspected.

- No cold bending frames at all!! All frames will be checked with a straight edge.

- Metric GMs (most 1977^ full-size gm cars) are allowed a 6"x22"x1/4" hump plate. May be straight across the hump or contoured

SUSPENSION and STEERING:

- You may weld 2 straps per upper A-Arm 2”x2” to maintain ride height.

- NO ski springs

- You may change coil springs to a stiffer oem passenger car spring.

- You may use store bought spring spacers (no homemade spacers or spacers on top of the springs)

- You may use a single strand #9 wire to hold coil spring to rear end. Leaf spring cars may use 4 single strands #9 wire as leaf clamps per spring stack.

- All suspension and steering must remain stock (unless a modification is stated).

- Aftermarket steering columns and shafts are allowed. These components may not strength car in anyway at anytime.

- Tie rods may be reinforced in only 1 of the following 2 ways; 1) sleeve maybe and discarded pipe/solid rod tapped can be put in it's place. 2) Factory sleeve and ends maybe welded and reinforced with steel. Tie rod ends must be factory ends and fit the spindle and drag link without reaming the holes larger. A store bought washer maybe placed over the steam of the tie rod and welded.

Upper A-arms may be interchanged as long as they are able to be bolted on. You may cut/ trim to make fit, but no welding on brackets, etc. A- arm must bolt on factory brackets of frame, no drilling new holes, or enlarging existing holes. Example: 80-91 box ford a arms being installed on a 98-02. Cut the mounting bar out and trim the edges of a-arms to get height.

-Rear control arms may be changed but must be stock. You may shorten but max 2” overlap.

- 98 up watt links conversion will be allowed only in the following way!! Upper trailing arm brackets must be bolted in. They must be 2 separate brackets, may not be larger than 6”x 12”x 3/8” thick max. 4- 5/8 bolts, nuts and 8 washers per bracket. Brackets may only be bolted to tow package and bolts may not stick thru body. Brackets may not strength frame or body. NO WELDING AT ALL OF UPPER BRACKETS.

-98 up watt links LOWER BRACKET Conversion. Only 1 way will be allowed to mount lower trailing arm bracket. 1 piece of square tube 3”x 3”x 3/8”x 3” long max per side of frame maybe used. Cut the square tube to make a C channel. It must be welded to the inboard of the frame at the point you want your trailing arm mounted. Drill your hole thru the tube and only 1 thickness of the frame. Bolt your arm into place. No other bolts will be allowed to mount this bracket. No factory mounting brackets will be allowed to mount the trailing arms.

DRIVETRAIN:

- ANY drive train & transmission (manual transmissions allowed)

Steel bell and tail are allowed but (NO BRACES AND NO SOLID TRANNY MOUNT)

- transmission must be free floating or on a rubber mount cannot be welded to crossmember

-you may run a basic front plate and lower engine cradle with pulley protector, but it must be mounted to the car with oem style mounts.

-no engine chains, unless approved with pictures

Rear axle

- Any rearend.

- Rear end brace will be allowed.

- No axle savers.

-Pinion brake is ok

- All money winners will have to load on trailer, and pull axles before payout, we will check inside of tubes at this time.

- You may run 3/8 chain around rear end back to the frame with only each end of the chain welded back to the frame for ride height control. Any extra chain links or weld on the frame will cause you to run working suspension.

DRIVERS COMPARTMENT :

- 4 point square cage only, (1) down tube in the center of each front door welded to sheet metal only nothing to the frame. max 60 inch cage over all measurement. 6 inch max, Must be mounted horizontally and 6 inches off floor. Gussets only in interior of 4 point cage.

- Gas tank mount may be welded to back bar. See below for mounting fuel tank/ cell to floor.

- Halo bar allowed is allowed, 2-1/2 bolts with 1/2 washers to attach to roof. The halo bar may only be attached to the back seat bar or sidebars, not to floor.

- Gas tank protectors are allowed to be tight against rear sheet metal cannot be welded or bolted.

- Gas tank and batteries must be moved and secured. Tank behind the seat, Battery centered in the passenger front floor.

- Nothing may be mounted in a way that strengthens the car.

- Trans coolers allowed. Must be mounted inside 4 point cage area. Or on cage must be tight to cage if mounted on back bar.

Bumpers:

- You may hardnose front and rear bumpers if desired, but no shortening rear frame. Follow rules below if using a shock.

- You may weld on any DI approved bumper(see below). Bumper brackets (in factory location) maybe weld continuously to frame 4 inches from the back of bumper only. In addition you may put 4 one inch welds on back side of bumper bracket or to weld shock inside frame(example Crown Vics).

You may shorten 80 and newer fords up to an inch in front of the core support mount you may also be hard nosed.

Call with special cars to mount bumper legally. Rear brackets on rear and front brackets on front. - Or you may chain, 2 piece of chain per side BOLTED from the mount to mount to hold on the bumper.

- Bumper height must be 16" to 22" measured to the bottom of the frame at the back and front body mount location.

-Bumper may not exceed 9''x9''. - BUMPERS are interchangeable for all cars. -IF you start with a stock/replacement bumper you are allowed to re-enforce inside of bumper

- Bumper must appear stock from the stands with no spike or protruding items.

-If your bumper will not fit in a factory skin, it is too big.

- You are allowed either a (2) 6x6 bumper plate 1 per frame rail or a bumper shock not both.

- must be factory bumper shock exp: 70s gm on 80s newer cars.

- You may weld the outer chrome skin to the bumper inner frame - Bumpers may be cut to keep them out of the tires/ no sharp ends. - Bumpers may be flipped (upside down).

TIRES & BRAKES: - No tires taller than 30". 4 wheels max per car. No dual tires. - No split rims, studded tires or 100% solid wheels, you may use aftermarket center with various bolt patterns, solid centers are fine. Welds must be approved by judges on rear tires. Stay off the area of the rim the tube touches, except to weld your center into the rim.

- Valve stem protectors allowed, Valve stem protectors may not extend more than 6 inches from valve stem. Not allowed to be a rim protector. -Inner bead locks must not extend past stock tire bead area, not to exceed 2 inches wide. 1 inch outer lip ring allowed on outside bead.

- Doubled or foam filled tires allowed. - All cars must be able to demonstrate the ability to stop at any time. If your brakes do not work, you will not compete.

Simple rules, simple build, keep it that way. Again do not get "creative" or read into these rules, let’s get back to the basics. If it is not clearly described above, it is not allowed. If it doesn't say you can, YOU CAN'T!!

Bonestock mini

Iron Outlaws Promotions 2024

*updated

1. Cars can be powered by a 4 or 6 cylinder engine.

2. 108" Maximum wheelbase (NO FULL FRAME CARS)

3. No shortening of cars to achieve wheelbase limits.

4. No full frame cars.

5. If 4x4 cars are used, front or rear drive shaft must be removed.

6. No sedagons.

7. Batteries must be located in passenger compartment. TWO Batteries are allowed.

8. Cars MUST have working seatbelt and brakes. MANDATORY!

9. You must pass inspection within 3 times or you will not be allowed to run.

Body

1. NO body seams may be welded or doubling of body panels allowed

2. Doors may be chained, wired or welded. 3” x 1/8" x6" Max. 6" on 6" off. Pillars may be taped, chained or wired shut.

3. You must have a 8”x8” inspection hole in trunk lid.

4. Rust repair is limited to floor boards and roof only. Patch metal must be same thickness as floor board. 1” overlap to good metal outside of rust area. Do Not abuse this rule or you will cut.

5. Front Windshield Bar is MANDATORY. It is limited to a 3” wide x 1/4" thick strap or a chain/9 wire loop. NO REAR WINDOW BAR

6. Body creasing allowed on rear quarter panels. They must remain standing NO wedging allowed

Radiator and Core Support

1. Radiator must be in stock position

2. Any automotive type radiator can be used.

3. NO Homemade Radiators Allowed

4. No Reserve Tanks and No Added Cooling Capacity.

5. Two Electric Fans, Mounted to Radiator may be used

6. Do Not Move Core Support

7. Factory condenser can be mounted outboard of radiator to be used as a protector. Can be wired in 4 spots or bolted in factory location.

Hood

1. You can have (4 spots) 2” long pieces of 2” x 2”x1/4" angle with a single 3/8” bolt thru them OR wired in 8 spots (double strand loop)

2. Hoods must have 8"x8" hole in center. If hood is removed, either the fan or the fan belt must be removed.

3. Hoods MUST open at inspection.

4. Hoods may be secured by 2 pieces of allthread thru support. 1” diameter max.

Body Mounts

1. You are only allowed to replace front subframe mounts with 1" allthread. All other subframe mounts must be 5/8.

2. You allowed to remove body mount spacers and bolt solid. NO welding sub to unibody.

Trunk

1. Trunk Lid MUST remain on hinges and in factory location

2. You can remove trunk lid

3. Trunk lids can be tucked, v'd, dished or cut down but NO METAL CAN BE ADDED AND SPEAKER DECK MUST REMAIN FACTORY HEIGHT

3. Trunk options

A. Welded down with (6) 3”x6" by 1/8” thick strapping.

B. 9 Wired in (8) places (2 strand loops)

C. Bolted in (8) places with 1/2" MAX. bolts, washers and nut

Cage

1. All cars MUST have at least a door bar/plate and cross bar between B pillars. You can have a cage and roll over bar. 4” pipe or 4” x 4” square tubing MAX. THIS IS FOR DRIVER SAFETY.

2. A 4 point floating cage is required and limited to 4 points only. Your cage must have a dash bar that must be 4” from the firewall. Your cage must have a bar behind the driver’s seat no more than 6” away from it. You must have (2) side bars and they must stop 2" from the rear wheel hump and must not extend past your dash bar.

3. Roll over bar cannot be more than 12” behind driver’s seat. It may be connected by one of the following options: 1) can be welded to top of cage. 2) can be welded/bolted to floor pan, you may use a 4"x4” plate 1/4" thick to aid in attaching bar. It can be welded or bolted. Roll over bar may be bolted to roof.

4. You may float the gas tank on cage WITH Protector 24" WIDE MAX. CAN TOUCH BUT NOT WELDED TO ANY SHEET METAL

Frame/subframe

1. No welding, plating or reinforcing of the frame, sub frame, or unibody

2. ALL factory frame holes must be left open.

3. You can shorten front frame only to aid in mounting front bumper. (no shortening beyond core support)

Bumpers

1. Homemade, replica, and Chrysler pointy bumpers are permitted. If using a factory bumper it may be loaded. No excessive point

2. SHOCK OPTIONS

A. A (10") 3"x3/8" plate welded to outside of frame

B. A (10") 3"x3"x1/4" bumper shock inside

3. YOU MAY BOLT A CHAIN FROM BUMPER TO BUMPER SHOCK on THE FRAME 3/8 MAX or weld a piece of strap (2"x 1/4") from frame to bumper 1" overlap on each end.
This is to aid in keeping bumpers off the track.

Engine / Transmission

1. Any 4 or 6 cylinder engine allowed. Must be mounted within 6” of factory motor position. Engines cannot protrude into the passenger compartment before the race.

CARB SWAPS ALLOWED

NO PROTECTORS

2. Solid motor mounts allowed

3. ECU relocate is allowed

Gas Tank and Fuel Pump

1. Stock gas tank MUST be removed from original position and mounted in the rear seat area and secured. No rubber or chain straps. All tanks must have a secure cap. A MARINE TANK OR FUEL CELL IS STRONGLY RECOMMENDED. All lines and fitting must be leak proof and meet approval of the track officials. Electric fuel pumps are allowed.
2. All lines must be run inside car, not along the frame underneath.

3. All lines should be double clamped.

Suspension

1. Stock appearing suspension must be original factory suspension for that car. Must be in factory location. Spring/Strut SPACERS ARE ALLOWED to gain tire clearance

2. Tie rods must have factory style ends, No heims!

3. 2x2x1/4 tube trailing arms allowed

Tires
1. Stock wheels only NO SOLIDS OR BRACED/PLATED WHEELS
2. Black rubber and round may be tubed

PATCH PLATE RULES

1. Fresh car get 2 patch plates
2. Pre ran (6) 3"x5"x1/4 any where on car must have 1" of space between them

All other repairs must be approved.

If it doesn't say you can do it. DON'T DO IT. You will cut or load.

2024 WIRE CLASS RULES

ANY YEAR full size rear wheel drive sedan or wagon car must be striped clean.

NO IMPS OR SUICIDE LINCOLNS

Any motor & trans in any car, motor must be mounted in stock location, no metal added
Factory cross member must be used; you may move cross member to accommodate transmission no more than 4 in" of weld on mounting tabs

You may wire or chain transmissions mount (DO NOT GET CREATIVE this is to hold trans to cross member only)

You may use #9 wire to hold motor in must be to an existing bolt at the a-arm no more than 3 strands of wire

You may use shifter of choice, but it cannot be used to strengthen the car in any way

A 4 bar cage is allowed no bigger than 6" the cage will consist of dash bar,2 door bars and a rear seat bar, seat bar cannot be further than 6" past B pillar, all cage components must be mounted at least 6" off floorboards.
If you choose not to run a 4-bar cage you must have a back seat bar

You may have a roll over bar max. size 6" must be mounted to back seat bar or door bars no mounting to floorboards must be vertical (straight up and down)
You may weld driver's door 6 on 6 off with 3x6 plates no thicker than 1/4

The driver's door is the only door that can be welded all other doors must be wired or chained in 10 spots max 3 strands of #9 wire or 3/8 chain

If you choose not to weld driver's door you must have a door plate mounted on outer skin this plate must be at least 6" wide and no more than 4" of overlap on fender and rear door

Factory gas tank must be removed and either a fuel cell or boat tank must be mounted in back seat area, tank must be mounted securely if I can move it, you will not run until its fixed, fuel line must be ran inside of car, absolutely no gas tank protectors.

Gas tank holders can consist of an enclosure around the tank, no wider than 25". May have a halo no more than 4" taller than gas tank and it must be 6 inches from the back seat / speaker panel. Its there to protect the gas tank NOT TO STRENGTHEN THE CAR!!

Battery must be moved to passenger compartment and mounted securely, cannot strengthen car in anyway

Aftermarket steering columns may be used. Cannot strengthen car in anyway.

Core support bolts may be replaced with 1inch all thread going thru the hood and you can have a 2 inch wide by 3-inch-tall spacer, no welding of spacer, all other. Factory body bolts must remain in place, no changing body bolts if broke 2 strands #9 wire max

All suspension must remain factory; no new ball joints, tie rods etc. NO WELDING OR WIRING DOWN A ARMS. NO SPRING SPACERS

03 and newer fords must have struts mounted in stock location NO spacers or relocating mounts

OEM rear ends only 5 lug no rear end braces, you may weld spider gears,9-inch ford rear ends are ok. You may swap rear ends from make, example (ford to gm etc. etc.)

Any factory OEM bumper is allowed & can be loaded on inside of bumper. You may weld bumpers to shocks, you may also collapse shocks and weld shock tube halfway around the tube shock must be mounted in factory bolt location. You may hardnose the bumper but if you do you lose the shock

Maximum bumper height to bottom of bumpers 20" car must bounce with ease front and rear

Radiator must be mounted in factory location, you may mount radiator in 4 spots, factory condenser may be used mounted in same manner

Front windshield bar 2-inch max must run vertical and may have one bar joining the two. Hoods may be secured in 6 spots with #9 wire 3 strands max. you may also run an additional two spots in front thru hood/core support to front bumper

Trunk may be secured in 8 spots with #9 wire 3 stands max. with an additional two spots to rear bumper 3 strands max

You may notch or dimple rear frame rails, no pre-bending allowed

Any 14" or 15" tire allowed no bead locks or rim protectors

Absolutely NO BODY CREASING ALLOWED

Slider shafts allowed

LOWER CRADLES WITHOUT PULLEY PROTECTOR WILL BE ALLOW MUST BE ON STOCK MOUNTS

NO TRANSMISSION BRACES

NO DISTRIBUTOR PROTECTORS

NO PATCHING OF RUST

Carburetor protectors will be allowed, may attach to front head bolts or water pump and intake. Can’t be no farther back than 2" from back of carburetor. Header protectors can be bolted to the carb protector, Header protectors 6 inch tall max & no wider than 1 inch around header. THIS IS TO PROTECT THE CARB AND HEADERS ONLY, NOT REINFORCEMENT

03 and newer fords may use the 1/4" thick cradle to mount a chevy motor in the aluminum cradle, but must use factory clams and motor mounts, IF YOU DO ANYTHING EXCESSIVELY TO REINFORCE THE CRADLE YOU WILL NOT RUN!! CALL WITH QUESTIONS FIRST!!

This is a windshield stock class with the intention of a quick build. DO NOT LOOK FOR ANY GREY AREAS if car is built outside of the rules, you will not run

MOWERS

TIA 2024
Adult limited weld stock class
Sign in ends 1 hour before derby starts
Derby entry fee $35.00

Safety Rules
1-Drivers must wear a t-shirt or sleeveless shirt and long pants when in the derby
2-Helmets must be worn at all times unless derby is over or your off the track
3-Drivers under the ages of 14-18 must have parents permission and must be present when driver is registering

Mower Rules
1-Must be front engine riding mower completely belt driven
2-NO drive shafts driven mowers or chain driven mowers
3-Mower decks must be removed before you get to the derby
4-Must have lawn mower engine no bigger than a 25 hp you are allowed a 10 inch by 10 inch by 1/8 inch motor plate that can be bolted down with 4 3/8 bolts. ENGINE PLATE CAN NOT BE WELDED TO THE FRAME IN ANYWAY! IF SO YOU WILL CUT OR LOAD UP.
5-You can change the engine and rear end pulleys for more speed 3/4 or 1 inch 820s are allowed. no true 5 lugs or jd240 style rearends. if its c clipped 5 lugs hub thats fine.
6-Rims can't be any larger than 12" inch rims
7-Tire chains will not allowed
8-Foam filled and liquid filled and tire tubes are allowed
9-Exhaust must point up or down no bigger than 3 inchs. Must be clear of carburator to avoid fires.
10-Hoods must be stock lawn mower hood If your mower has a plastic hood you can change it with another metal lawn mower hood. you can fill in grill area with same thickness of metal must have head light holes you Can't use street signs at all.
11-Hoods can only be attached by self tapping screws or 10 3/8 bolts or you can have two pieces of 3/4 all thread in front coming up through Hood. you can also weld two washer to the frame for all thread to go through but must be small gap between them and the exhaust plate and all thread is only allowed 4 nuts per piece. Allthread may be sleeved with round or square tubing but must be a firm snug fit meaning ID of sleeving no bigger than 1inch an no thicker than 1/8inch this is to help save you from replacing allthread after each derby.
12-You can weld fender to frame you can seam weld dash and hood but make sure to clean up ur welds
13-You can fill in the front exhaust box hole on a Craftsman frame with a piece of 1/8 inch flat steel no more than half inch overlap only you can only welded on two sides you can also extend the stub nose mowers with two pieces of 2 by 2 1/8 inch angle can overlap on frame 3 in to weld cannot extend any farther than 7 and 1/2 inches out then you can put the exhaust plate on there no wider than 10 in wide and no longer than 5 and 1/2 any more questions on this rule contact me. John Deer 240/craftsman gt or anything frame bigger than 10X5 1/2 can have a 2 inch wide by 1/ 8 inch thick ran down side of the frame on top for the the exhaust hole can only weld on one side and lap around the end one in with Weld
14-You can weld front axle solid so it don't move

15-You can have a spark plug or motor protector as long as it bolts to the engine an engine plate only. can not touch the frame or cage header protector allowed but must be mounted to protector only an not touching hood frame or allthread.
16-Leg guards are Mandatory if u don't have leg guards u can't run no belly bars cage material can be no bigger than 2X3X 1/4 inch tubing
17- you can build a 4-point cage that ties into frame in four spots only and can only be below the frame 6 inches
18-Back bar can only be as wide as the the fenders and can't be tilted back no farther than 5 in past straight up and down
19-Pre ran mowers can put 3x3 plate only on the bends no doubling plates on top each other no more than 6 patch plates
20-You can reinforce the steering with other lawn mower parts or heim joints but no over kill
21-Gas tank and battery must be secured down and place we're they can't be hit Can run any kind of battery just as long as it's secured down. Must have fuel shut off switch in easily reached area incase of fuel leak. Fuel line must be ran around engine not over the top of shroud.
22-no bumper on front of mower or the back of the mowers
23-NO reinforcing frame other than what being allowed
24-Mower well be inspected before the derby hood can be bolted or screwed down or welded but must be able to see in side hood to inspect
25-Must make contact with 90 seconds or you well be out
26-Officials on track has last say we'll not tolerate fighting
27-No drugs or alcohol allowed remember this is a family friendly
28. If it's not in the rules don't assume you can do it call and ask first
Any questions you can contact Skyler Elliott 618-240-5779

TIA 2024
Adult light weld class
Sign in ends 1 hour before derby starts
Derby entry fee $35.00

Safety Rules
1-Drivers must wear a t-shirt or sleeveless shirt and long pants when in the derby
2-Helmets must be worn at all times unless derby is over or your off the track
3-Drivers under the ages of 14-17 must have parents permission and must be present when driver is registering

Mower Rules
1-Must be front engine riding mower completely belt driven
2-NO drive shafts driven mowers or chain driven mowers
3-Mower decks must be removed before you get to the derby
4-Must have lawn mower engine no bigger than a 25 hp you are allowed a 10 inch by 10 inch by 1/4 inch motor plate that can be bolted down with 4 3/8 bolts
5-You can change the engine and rear end pulleys for more speed.
6-Rims can't be any larger than 12" inch rims
7-Tire chains will not allowed outer beadlocks are okay.
8-Foam filled and liquid filled and tire tubes are allowed.
9-Exhaust must point up or down no bigger than 3 inchs

10-exhaust plate can be no bigger than 13X13X1/8 can not be no more than 1/2 inch overlap on craftsmans an can only be welded on 2 sides either front an back or sides only on top no welding the plate underneath.
11-Hoods must be stock lawn mower hood If your mower has a plastic hood you can change it with another metal lawn mower hood can fill in grill area with same thickness of metal must have head light holes you Can't use street signs at all. If you dont run a hood must have shroud on engine for safety reasons.
12-Hoods can only be attached by 3/8 bolts to the cage an allthread on the brush guard not all the way to the frame just thru the top bar.
13-You can weld front axle solid so it don't move
14-You can have a spark plug or motor protector as long as it bolts to the engine only can not touch the frame or cage header protector allowed but must be mounted to protector only an not touching hood frame or allthread. If you run protector you can not run front cage one or the other not both.
15- your allowed one bar from leg guard to brush guard 4 inchs above the frame no lower must be level with the cage no angling these bars downward no guessets on these bars.
16- brush guard can be no taller than the engine an no wider than the bumper shocks must sit on top on shocks. Your allowed a brace bar in between upright bars no lower the 4 inches. no gussets allowed from belly bars to frame.
17-Leg guards are Mandatory if u don't have leg guards u can't run 25% of cage material can be no bigger than 2X2X1/4 inch tubing the other 75% no bigger than 2X2X1/8 inch tubing all cage from the dash bar forward must be 1/8 absolutely no 1/4 inch in front besides the bumper. you may gusset your cage no bigger than a 2 inch gusset an no thicker than 1/8 inch.
18- you can build a cage that ties into frame in 8 spots of the frame 2 behind the front tire an 2 in front of the back tire for the leg guards 4 bumper shocks 2 in front 2 in back.the 25% of 2X2X1/4 inch tubing is to be used for safety such as the main leg bars, belly bars an braces nothing more.
19-Back bar can only be as wide as the the fenders and can't be tilted back no farther than 5 in past straight up and down
20-Pre ran mowers can put 3x3 plate only on the bends no doubling plates on top each other. Max of 3 plates per side no overlapping an no cutting them in half an making it longer or you will cut it all off.
21-You can reinforce the steering with other lawn mower parts or heim joints but no over kill.
22-Gas tank and battery must be secured down and place we're they can't be hit Can run any kind of battery just as long as it's secured down.
23-Bumper shocks may be welded on no farther than 4 inches on the frame. You may extend out as far as needed to pass the tires.
24-bumpers are to be no bigger than
2X4X1/4 an no wider the center of the tires. No pointed or jagged bumpers.
25-NO reinforcing frame other than what being allowed
26-Mower well be inspected before the derby hood can be bolted or screwed down after inspection.
27-Must make contact with 90 seconds or you well be out
28-Officials on track has last say we'll not tolerate fighting
29-No drugs or alcohol allowed remember this is a family friendly
30. If it's not in the rules don't assume you can do it call and ask first
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2023 Youth Stock Mower Rules Age 8-15

1.Must be a stock lawnmower [No1inch axle mowers]
2.Must be belt driven.
3.No pulley swap must be factory
4.Must have stock lawnmower tires no V-tread.
5.You can bolt or weld hood for hitting.
6.If mower has fiberglass hood you can replace with a factory metal hood off of another mower no home made hoods.

7.Must have 4 point cage for safety you can connect cage in 4 spots to frame with a kicker. Must gave back guard. no belly bars(bars under frame crossing from one side to the other.)

8.No adding metal anywhere other than cage and kicker for cage support.
9.No welding on frame or any other spots on the mower other than specify in rules
10.Cage must be within the body lines of mower can not extend out from fenders.
11.NO HITTING IN THE BACK OF OTHER MOWERS THIS IS FOR YOUR SAFETY

12.And the most important rule is to have fun.
13.battery an fuel tank must be secured in safe locations. Fuel shut off switch is a must an easily reached in case of fuel leaks.

If you have any questions about the rules you can contact me. Skyler Elliott 618-240-5779
These are the add-on rules for this class you can have two pieces of all thread no bigger than 3/4 inch to go from front of the hood down to frame to help tie down Hood if it is a stub nose mower like a MTD or Murray you can add angle iron no bigger than 1 inch by 1 inch by 1/8 inch that can overlap on to the frame and be welded only an inch and a half and can be extended out 7 inches and then have a piece of angle the same size that can connect the two pieces from the frame