

## **Twisted Metal Demo Crew 2024 Rules**

ALL ENTRIES MUST BE IN INSPECTION LINE 1 HOUR PRIOR TO THE START OF THE DERBY  
OR AN ADDITIONAL \$50.00 FEE WILL BE ADDED TO PARTICIPATE!

### **Entry and Registration**

1. Each driver must fill out an entry blank in its entirety.
2. Each driver and pit crew member must sign a release form prior to entering the pit area. All injuries must be reported to the officials at once. Only drivers, owners, mechanics, crew members that sign the release sheet will be allowed in the pit area.
3. If you are pregnant and/or have back, heart, or health problems, you are not permitted to compete.
4. Any driver or crew member not obeying the rules will be disqualified. Drivers are responsible for the actions of their crew members.
5. All competition rules are explained at the mandatory drivers meeting.
6. The track owners, fair board have the right to approve or reject any entry.
7. The track owners, fair board is not responsible for any vehicles, parts, or personal property at any time.
8. Any American made hardtop automobile or station wagon is permitted. No convertibles, jeeps, hearses, ambulances, or 4-wheel drive cars will be permitted.

### **Inspection**

1. Only the driver will be permitted with each entry into the inspection area. NO SPECTATORS PERMITTED.
2. Each entry will ONLY be permitted one additional attempt through the inspection area. Build your vehicles to the rules! NO REFUNDS will be awarded for illegal entries.
3. All entries will be required to open hoods in the inspection area 4. All entries must be inspected 1 hour prior to show time. If vehicle is not in inspection line 1 hour before show starts, a \$50.00 fee will be added to participate.
1. Remove ALL glass, fiberglass, headlights, taillights, trim, interior, trailer hitches, etc. Vehicles must be swept clean. No junk tires, wheels, metal parts, etc. allowed.
2. All rear seats and flooring decking must be removed. Any sharp or protruding fins must be cut off the vehicle.
3. Standard safety belts, Z-90 approved helmet, and eye protection (face shield or safety glasses) are required. Neck braces highly recommended. Fire retardant suits, clothing, or hood is recommended. No shorts or shirtless drivers will be permitted.
4. Exhaust (either zoomies or headers) must point away from fuel lines and headers must be straight in the air.
5. All hoods must have a square hole directly cut above the carb. All hood and deck lid latches must be removed.

6. Firewalls may not be totally removed. If holes are cut for clearance purposes, the holes must be covered by something fireproof. If patched with metal, the metal must not be thicker than 16 gauge.
7. No spray devises or cans permitted in the vehicle.
8. All vehicles must have dependable brakes at all times.
9. Stock gas tanks must be removed from the original position. A replacement tank must be securely fastened in the rear section (no farther forward than the back of the front seat) of the driver's compartment. Steel gas tanks or Neoprene construction approved tanks may be used. No original tanks permitted. Gas tank must be securely fastened by means other than ratchet straps or wire. Tanks must be securely bolted to the floor. Tanks must be covered in a fireproof fashion. Any vehicle that spills gas will be disqualified immediately. Gas tank protectors maybe used must have a gap between the rear deck.
10. Electric fuel pumps are permitted, but the switch must be CLEARLY marked ON/OFF.
11. Stock batteries must be removed from the original position. A battery must be located in the driver's compartment and securely fastened to the floor. The battery must be covered.
12. No profanity will be permitted on any vehicle.
13. If it doesnt say you can do it, don't do it

## **80's Motor Swap**

**Read all rules carefully and follow them! Any questions call Dustin Stansbery 419-310-1321 Any American made 1980's and newer full size cars ONLY.**

### **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 rear of the frame to help roll.
4. You may weld the bumper to shock plate and weld the bumper shock where they collapse must be at least a 1" gap between bumper and frame.
5. Any year factory automotive car bumper or a 10 gauge approved bumper from Limitless Fab, SMW, or Pimp Products. 4 gussets with 1" hole and two end caps with 2" hole. No Chrysler Pointys

### **No replicas**

6. 4 fix it plates, only on pre-ran cars, must be visibly bent.
7. No tilting or cold bending allowed. If in questioned will be thrown out.

### **Body/Gage**

1. Drivers door may be fully welded . All other doors must be wired, chained, or banded shut. 6 double strands of #9 wire permitted per door.
2. Deck lids must be in original position above rain channels or they may be removed from car. No wedging, or body creasing is permitted. You can weld washers to the body of the car for wire to go through.

3. Hoods can be wired shut ONLY. 6 double strands of #9 wire 2 may go around bumper. Hoods must be open for inspection. 12" x 12" hole over carburetor. Deck lids may be wired same way and must also be open for inspection.
4. A total of (6) body bolts (excluding the radiator core support) may be replaced with 1/2 " bolts and a 3" x 1/4" thick washer. No welding of washer is permitted. Must use factory rubber mount, hockey puck or similar material. Radiator core support bolt may be replaced with 5/8 bolt or all thread. A spacer is permitted. Spacers may be steel, rubber, or 2x2 tubing maximum of 4" high. Bolts are not to go through core support or hood.
5. No seam welding on body will be permitted. Only sheet metal repair allowed is where the battery box and gas tank and driver's area of the floorboard.
6. You may have a 4 point cage, one bar in the dash area and a bar behind the seat with bars connecting the front and rear bars. Side bars must be inside the car not inside the door. No down legs permitted. No bigger than 3" diameter bars and you can use 1/4 x 10" x 10" plate to attach bars to sheet metal.
7. Dash bar must be at least 5" from firewall. Door bars maximum length is 60 inches, any longer will be removed. May be gusseted in the corners, within 6" of the corners. All bars must be 5" off the transmission tunnel. Gas tank holders are permitted no wider than 24" wide.
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 drivers seat.
9. Batteries must be moved to passenger side floorboard and securely fastened, must be covered with rubber or another non-flammable material.

### **SUSPENSION**

1. Tie rods must remain factory, any factory five lug rear end permitted. No bracing permitted.
2. Watts link conversion on 98 and newer cars is not permitted.
3. May weld the upper a-arms down with 2x2x1/4 plate. One in front of the a-arms and one in the back.
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.

### **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.
3. Angles for cross member can't be longer than 5" and must be within 12" from factory location.
4. Must use factory style motor mounts.
5. Aftermarket shifter, gas and brake pedals are permitted, slider shafts are not allowed.
6. No tranny, oil, or water coolers permitted.

### **PRO STOCK Rules- any year car (imperials are allowed)**

**Read all rules carefully and follow them! Any questions call Dustin Stansbery 419-310-1321 Frame & Bumpers**

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 rear 15" of the frame to help car roll.
5. 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" X 8", 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 front or rear bumper in 1 of 2 ways.
  - A. 1st being bumper may weld to factory shock in factory location.
  - B. 2nd front frame may be shortened to front edge of body mount and bumper maybe welded directly to the frame. The bumper shock must be removed from inside the frame and you are permitted a 4" x 15" 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 bumper where it meets the frame you may use a 1/4"x 6"X6" to create a flat mounting surface.
  - C. Rear bumpers may be seam welded and loaded. No Chrysler pointy bumpers or slanted bumpers are permitted for rear bumpers. You may have a 4" x 15" x 3/8" 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 !
  - D. On 1970's GM wagons, the rear bumper must be in factory location.
7. Car must set level bumpers cannot be higher than 22" to bottom of bumper or lower than 14" to the bottom part of the frame.
8. You may have a 6" x 22" x 3/8" hump plate this 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 3/8" hump plate straight across or contoured and must be welded on the outside of the frame. No chain or wire to the humps or frame is permitted.
9. You may have 4 fix it plates on fresh or 6 fix it plates on pre ran cars. Plates must be no bigger than 4 x 4 x 'A, only three per frame rail. Plates must have 1/2 gap. No touching or overlapping. Any other plates will be cutoff completely.

### **Body & Cage**

1. Doors may be welded 5" on 5" off with no thicker than 'A" 3" X 5" material or can be fastened shut with #9 wire or banding. The driver's and passenger door may have a door skin no thicker 1/8" and may be welded all the way around.
0. Trunk lid must be from the make of the car and must be a trunk lid (no hoods). You can fold

trunk lid over or pushed down. You may cut the speaker deck out or leave it in. If taken out, you can not weld the deck lid to the package tray. 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. Two 8"x8" inspection holes must be put in all deck lids within 2" of the trunk strapping and in the center of the side quarter panel strapping. This is mandatory. No welding deck lid to trunk floor. Body creasing is permitted. Deck lids may be welded with 3" X 5" X 1/4" plate 5" on 5" off.

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 hood. You are allowed four 4"x4"x1/4" brackets. If using wire, you may use 8 double strands of #9 wire 2 may go around 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 a 1" gap between body and frame you can use steel spacers, hockey pucks, or stack of washers nothing used may be bigger than 3" in diameter. Body washers inside of car can be no bigger than 3" in diameter. The front 2 body mounts may be 1" and extend up through hood. You may weld 3"x3"x1/4" washer to top side of frame but only centered over the body hole.
5. No seam welding will be permitted on body. Repairing sheet metal is limited to where the battery box and gas tank and driver's area of the floorboards of the car.
6. Front body spacer may be 10" tall maximum and must remain below the core support. May be welded to core support frame mount but not welded to core support whatsoever.
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 of car or inside of doors. Roll over bar is permitted. You can have 4 down legs welded to the frame mounted to the side or dash bar inside the driver's compartment of the car no larger than 2"x2"x1/4" and they must be straight up and down with no gussets. Gussets permitted in corners of cage must be done at corners only. No bigger than 6"x6"x1/4" in diameter bars no longer than 60" and you can use a 1/4" X 10" X 10" plate to attach bars to the sheet metal. You may have a gas tank protector no wider than 32" may touch the package tray and be bolted with two 1/2" bolts.
8. Dash bar must be 5" from 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 car behind driver's seat but no further back than rear axle. Batteries must be moved to passenger side floorboard and securely fastened these must be covered with a rubber or nonflammable material.
10. You may use expanded metal no thicker than 1/8" or a factory air condenser on core support in front of radiator this may be attached with 4 - 3/8" bolts or 4 - 1" welds
11. You may have 2 front window bars that cannot be any thicker than 3" X 1/4" strapping. These may attach to the sheet metal no more than 6" on roof and firewall. You may have 1 rear window bar no bigger than 2" x 2" x 1/4". It cannot be welded more than 6" on the roof and 6" from the top seam of deck lid. Wagons are allowed one rear window bar and it must be in the center of

the tailgate no more than 6" and can not be attached to rear bumper  
12. You may have 4 'A" bolts per wheel well.

### **Suspension**

1. You are permitted 1" all thread for front shocks but only one per side with a 3"x3" washer on top of the cone and a 3"x3" washer on the bottom side of the lower control arm. Washers can not be welded together. All nuts must be standard.
2. Any Tie Rods may be used. On 03 and newer you must use the factory rack and pinion. No rack and pinion protectors are permitted. Any rear end permitted if u run a rear end brace it cannot reinforce the frame or be any wider than 10". Any rear end component must be 5" away from all sheet metal.
3. Watts link conversions are permitted you must use 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 side of frame. (Cannot be mounted inside or on top or bottom of frame) can be no larger than 7" X 7". If using a watts kit all factory trailing arms must be removed.
4. You can weld front A-arms down using a 1/4" X 2" X 4" piece of steel front and back side of A-arm. No other weld is permitted on A-arm.
5. No spacers or other metal permitted in, on top of, or around coil spring inside of frame on front coil springs.
6. Rear coil springs may be wired or chained. Solid suspensions are ok. All suspension components must remain factory stock 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. The shocks must run straight up and down.
7. Leaf spring cars must remain factory springs. You cannot change coil spring to leaf spring set ups. No more than 7 springs 5/16" thick. Main spring must be on top, springs must stairstep 1". No more then 4 3"x 4" x1/4" clamps per side, with only two bolts. Rear end must sit on top of Springs. You can run 1" all thread for shocks, must run up and down no more than 2 on the rear end
8. Any tire may be used. You can have 4 bolts per wheel well, no larger than 'A"
9. On 03 and newer fords you must use factory aluminum cradle and suspension components you may use 80s style spindles and only 80s style spindles. You cannot tilt a 03 and newer ford. You can have a homemade draglink from spindle to spindle with the tie rods welded to it.
0. No aftermarket spindles allowed. You may reinforce the factory spindle.If you use aftermarket ball joints the collar you weld in or bolt in can only be a 'A" bigger than the ball joint. You may have a 2"x 2"x 3" x 1/4" ball joint protector. You can not use bolts or heim joints for ball joints.
  1. 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 a 'A" bolt. Must have a 1" gap from 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 engine allowed.

2. Transmission cross member can be a factory one or a 2" X 2" square tubing only must be straight.
3. Angles for cross member can't be longer than 7" and 2" X 2" must be within 12" from factory location. The cross member must sit on top of the cross member bracket.
4. Please read carefully, there are two options for mounting motor.

**OPTION A: Lower Engine cradles, front plate, and pulley protector . You can have two 2"x 2" pieces of box tubing going from midplate to the lower cradle. Midplates can not strengthen the car in any way and only be 1" past the engineblock.**

**OPTION B: May run full cradle with halo and distributor protector, must not strengthen the car in any way. If opting to run full cradle, firewall must be cut out, and protector must be at least 5" from front bar. You will not be permitted any down bars if running full cradle.**

5. Aftermarket bell housings, Transmission braces, midplates, and slider driveshafts are permitted.
6. Aftermarket gas pedal, brake pedal, steering column, trans cooler are permitted these must not be mounted in a way to strengthen car.
7. No skid plates are permitted.

## **Compact Cars Rules**

**108" wheel base or any front wheel drive**

**Read all rules carefully and follow them! Any questions contact Joey Bowman 419-937-3568**

### **BODY**

1. Doors may be welded all the way around on outside of body only with 'A: x 3" wide strapping no excessive overlapping of strapping is permitted. Door tops can be welded, no metal added. 2. Deck lids and tailgates may be welded 45" total using 'A" x 3" wide pieces of steel or 9 wired or banding in 8 spots. Deck lids and tailgates must be in original location deck lids may be folded down in the trunk, trunk lids may be dipped along with speaker deck. Speaker deck can be removed, but trunk lid can only be welded to quarter panels and tail light assembly only nothing may be welded inside of trunk. Deck lids must be factory for make and model of car. 3. Hood may be 9 wired in 8 places or bolted in 6 places bolts may be 5/8" in dia. front 2 body mounts may extend through core support and used as front 2 of the 6 hood bolts 1" all thread max you cannot sleeve the all thread with anything from bottom of core support and above. A 12" hole minimum must be in the hood.
4. No interior body seam welding will be permitted. Doors can be welded on outside of body only. On pre-ran cars the doors may be repaired back to stock. Rust repair is limited to floor boards and roofs only.
5. You may have a window bar or wire in windshield and rear window if using metal, it can be no thicker than 3/8" and no wider than 3" you may use 2 x 2 pipe. Not solid. These may not touch the rollover bar. They can be welded to roof and firewall no more than 6" from the window area. And welded to the floor directly above rear axle the rear window bar cannot be attached to anything else except for roof of car and floor pan and welded 6" at the rear window on roof and 6" on floor pan.
6. Hoods must be open for inspection. (12" x 12" hole over carburetor).

7. Cars may not be smashed flat if cars are tucked the rear quarter panels must stay at the factory height deck lids must be in factory location (above rain channels).
8. You can add a piece of angle (4" x 4" x 1/4" max.) to top and bottom of the core support but can be no longer than 1" wider than the radiator no other metal permitted on core support. No other metal permitted to be welded to core support.
9. Original gas tank may be removed and replaced with a boat-type tank or fuel cell Moved inside of car behind driver's seat but no further back than rear axle. If fuel tank is in front of rear axle you may leave it in stock location. No stock fuel tanks permitted inside of car. Batteries must be moved to passenger side floorboard and securely fastened.

### **CAGE**

1. You may have a 4-point cage surrounding the drivers compartment with a roll over bar. Bars 6" diam. Max must be sheet metal to sheet metal only. The front bar must be 5" from the firewall and run straight across, no contouring to the firewall. The door bars maximum length is 60 inches any longer it will be removed and must be at least 5" off the floor measured from the highest part of the floor/ driveshaft tunnel. You may use a rollover bar from front side of roll bar across the roof down to dash bar this may not connect to sheet metal.
2. Door bars may be no further forward than the firewall.
3. No angling of roll over bars permitted.
4. You may have gussets in cage at the corners. They must be within 6" of corners of bars only no other gussets will be permitted.
5. You may use a floating gas tank protector that comes off the back bar, but it cannot be wider than 24" The gas tank protector or holder may go all the way back to the sheet metal. The gas tank protector must stop at the sheet metal in front of rear axle and rear seat metal cannot be welded. May have two bars one from each side that go from the rollover bar to the boat tank protector above the height of the doors.
6. A center bar from rear seat bar to dash bar is permitted. You may use a bar from the roll over bar on roof across the front roof down to dash bar. Door bars may not extend farther forward than the firewall.
7. Rear window bar maybe welded 3" on the roof and straight down to speaker deck or floor not on trunk lid.

### **FRAME**

1. Trailer hitches and braces must be removed. No plating, pinning, heat treating, stuffing the frame of any kind. Do not paint frame. No welds on frame or K member may exceed a single pass no weave passes or building the weld up will be permitted.
2. No frame creasing or hammering permitted. You can notch or crease rear frame this is to help rear of car roll not to strengthen the frame. Frame welding is limited to front and rear bumper areas. you may do one of the following not both: 1. You can weld 1 seam per side on body from firewall forward or 1 seam per side on k member with no metal added. Front frame may



be shortened to front side of core support. Core support must remain in stock location.

3. If a frame section needs to be replaced or repaired (rust) you must call first.
4. Angles for cross member can't be longer than 5" and must be within 12" from factory location.
5. Sway bar and bracket may be welded to the frame this must be in stock location and must only be welded to bottom of frame.
6. 4 fix it plates can be added to fresh or pre-ran cars  $\frac{1}{4}$ "x4"x4" (2 per side) Must have at least  $\frac{1}{2}$ " gap between plates or will lose the whole the plate.
7. The front mounting points on the K member may be welded to the body of the car. No more than 3" weld per rail is permitted They may also be bolted solid.

### **BUMPERS**

1. Homemade bumpers are permitted they must be no bigger than 8"x8" square tubing. No homemade points added. No sharp or excessive points will be permitted. Bumpers can be loaded. No Chrysler pointys or replicas.
2. Bumpers may be no lower than 14" and no higher than 20" to bottom of bumper this will be strictly enforced. Bumper seams may be welded metal may be added to bumper this must be done on the inside of the bumper front bumper only. Rear bumper may be seam welded no metal may be added to rear bumper.
3. Bumper shocks or bumper brackets may be welded to the frame. Bumper brackets and or shocks must be no longer than 12" in length and welded to inside or outside of frame if welded to outside of frame they must be on the side towards the outside of car. If welded on the inside a  $\frac{1}{2}$ " inspection hole must be made at the end of the shock. They will be measured from back side of bumper back. You can hard nose the front bumper you may use a 2" x 6" x  $\frac{1}{4}$ " plate to weld bumper to the frame 2 per mounting point these plates must be on side of frame not permitted on top or bottom of frame. You may weld shock to frame factory bumper shocks can only be 12" from end of frame and may not be moved back on frame.

### **ENGINE / TRANSMISSION**

1. No chains on engine permitted solid or aftermarket mounts are ok.
2. Distributor protectors are allowed. No cradles allowed.
3. Oil pan and transmission pan may be plated the plate used may be only 1" wider than the pan they are welded to. They may not connect in any way.
4. No steel bell housings permitted.

### **SUSPENSION**

1. You may modify tie rods. Valve stem protectors are permitted. A-arms must remain in stock configuration. Any tire permitted. Rear trailing arms may be home made no bigger than 2 x 2 square tubing or pipe.
2. Upper a arms may be welded down with a  $\frac{1}{4}$ " x 2" x 2" piece of steel on front and back side of upper a arm and you may plug weld the center of the a arm. Lower a-arms may not be welded.

Cars do not have to bounce. Solid suspension is allowed. Coil springs in rear may be welded wired or chained to rear end. Rear end protectors may be used but may not be used to strengthen car in any way. Leaf spring cars may replace broken springs with factory  $\frac{1}{4}$ " leaf springs only. No more than 5 springs allowed and must have a 2" stagger and mounted in factory location you cannot change coil spring to leaf spring set ups.

3. Idler arm must be bolted factory to frame no bolts will be permitted all the way through the frame. Sway bar may be welded to bottom of frame in the factory location you may use a  $1\frac{1}{2}$ " x 4" bracket or a 2" square tubing or pipe to weld to sway bar to attach to frame. You cannot move the sway bar they must mount in factory location.
3. On front wheel drive cars, you may reinforce the rear axle assembly with 2" x 2" square tubing, 2" angle or 2" wide flat plate this may not in any way reinforce the body of the car nothing bigger than 2" X 2" may be used. And the 2" X 2" can attach to rear hubs.
4. Hydro steering is permitted. However if you are running hydro steering you are not allowed to install bump stops.

## Youth

Only FWD cars are permitted with no more than a 108" wheelbase.

Age limit is 11 to 16 years old. They are required to have a passenger whom is a parent or legal guardian.

1. Read all rules carefully and follow them. Any questions call Ryan Weaver at 419-618-

### 7449. Body

1. The driver's and passenger's front doors may be welded solid using 3" x 'A" door strapping. Both front doors may also have door skins no thicker than  $\frac{1}{8}$ " for safety. Back doors and deck lid may be welded with 3" x 6" x 'A" door strapping no more than 12" per seam. Speaker tray must remain intact.
2. You may crease the rear quarters but nothing past the rear doors. The top of the rain channel and quarter panels must stay factory height. Deck lid can be dished 12" It will be measured from

the rear center of the decklid.

3. Hoods may be bolted in 4 spots. Mounting points can be no larger than 2" x 2" x 1/4" angle iron with one 3/8" bolt. Nothing can run through the core support for securing the hood down.
4. You may change out the factory core support body mount bolt with a bolt no larger than 5/8" with a standard nut. Washers can be no larger than 3". No other bolts may be changed out. No seam welding of the body or K member is permitted. K member may be welded with a 3" weld to core support.
5. You may use factory fuel tank if its in the factory carriage in front of the rear axle. No factory tanks inside the car.
6. Aftermarket shifters, gas pedals, braking combos, and steering columns are permitted.
7. Stock batteries must be removed from their original position. Battery must be relocated to the drivers compartment behind the front seat and securely fastened to the floor. Battery must be covered.

### **Frame/Bumpers**

1. Any year factory bumper is permitted as well as a RCL, Limtless Fab, SMW, or Pimp Products bumper. No chrysler pointy bumpers. You may not seam weld the bumpers. You may use 8" x 8" x 'A" box tubing no longer than 5 foot for a bumper. You may mount the bumper with a 6" x 6" x 'A" plate between the bumper and the frame. If the car does not come with shocks from factory you may not add them

Nothing past the mounting point of the bumper can be welded.

2. No fix it plates on fresh cars. 4 fix it plates 4" x 4" x 'A" may be used on pre ran but must be visible bent, 2 per side

### **Suspension**

1. The front struts must be the factory struts. Absolutely no aftermarket struts are permitted.
2. The rear suspension must be stock
3. Car must bounce.
4. May weld or wire in the rear coils
5. No plating of A-arms is permitted

### **Engines**

1. A factory 4 or 6 cylinder front wheel drive only.
2. No chains to the engine solid or aftermarket mounts are ok.
3. No cradles or pulley protectors are permitted.
4. Headers are permitted.
5. You are permitted aftermarket aluminum radiator, but it must be bolted in like factory or held in with ratchet straps or #9 wire.

### **Window Area**

1. You may have a 3" x 'A" piece of door strapping in the windshield area and it must be no further than 6" on the roof and 6" to the cowl. In the back window area you are allowed a 3" x 'A" piece

of door strapping welded no further than 6" on the roof and it can not be any further than the speaker deck/deck lid seam.

### ~~Cage~~

1. You are allowed a 4-point cage with a gas tank holder that is no bigger than 6" in diam. Must be sheet metal to sheet metal only. Front dash bar must be 5" away from sheet metal. The door cage bars can be a maximum of 60". The gas tank holder must be 5" away from all sheet metal and be no wider than 24".
  2. Roll over bars are recommended, but they must run straight across the roof, no angling.
  3. A center bar from rear seat to front bar is permitted.
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1. A factory 4 or 6 cylinder front wheel drive only.
  2. Both front doors must be painted white.
  3. Hoods may be wired in six locations. 2 strands of 9 wire per hole. Sheet metal to sheet metal NO frame or bumper. Hoods MUST be open for inspection. Front and rear fenders may be trimmed for clearance. No bolting or welding inner fender to outer fender or rolling fenders. 4. Drivers and passenger doors can be welded solid. Drivers and Passenger's front door MUST have a bar or reinforcement on outside of doors, must stop at front doors. All other doors can be welded shut with 3 wide strips OR 6 locations per side 2 strands of 9 wire per hole not both sheet metal to sheet metal.
  5. Trunks and tailgates may be wired shut in 6 locations. 2 strands of 9 wire per hole and sheet metal to sheet metal. Hoods MUST be open for inspection. Trunks can have (2) 3"x 6"x 1/4" plates per seam of weld.
  6. May weld or wire in the rear coils.
  7. Two locations of wire or rod must be placed from front cowl to the front of the roof to prevent hood entry into the driver's compartment.
  8. Stock batteries must be removed from the original position. A battery must locate in the driver's compartment behind the front seat and securely fastened to the floor. The battery must be covered.
  9. No loaded bumpers or homemade points. Homemade bumper can be 6"x6" square tubing.
  4. Front doors can be welded solid. Rear doors can have (4) 6"x3" plates.
  5. No homemade rear axles or struts.
  6. No fixit plates on fresh cars. Four fixit plates max. Must have visible bend 2 per side. 13. No bumper shocks or brackets bumper can be hard nose with (2) 3"x3" plates added from frame to bumper.
  14. No plating of A-arms.

### **Minivan & Mini Truck Class**

Read all rules carefully and follow them! Any questions call Joey Bowman 419-937-3568

1. Any minivan, Compact/Midsize Truck or Van including Astro Van. No full size models permitted.
2. Engine swaps are permitted, must run stock appearing rear end, no bracing. Sliders are not permitted..
3. Two wheel drive only. Four wheel drive vehicles must remove one driveshaft.

## **BODY**

1. Doors, trunk and tailgates must be bolted, chained, wired, or welded shut. Maximum of (6) locations per door/tailgate. If welded plates may be a maximum of 3x3. You may weld washers to sheet metal for wiring purposes. Drivers door may be fully welded. Drivers door may also be skinned no farther than 3in past the door seam.
2. Trucks must wire, chain, bolt or weld the cab to the bed in (6) locations. If welding you must use 3in strapping form behind the doors to the bed.
3. The hood must be wired, chained, or bolted shut in (6) locations. Sheet metal to sheet metal only. Washers may welded for wiring purposes, if bolting may use 2x2x2in angle with 1/2 bolt. Hoods must have an 8x8 inspection hole placed over the engine.
4. Body panels may be pinged/creased. Bed size and quarter panels must remain stock height.
5. You may run a windshield bar or wire in the windshield area. It can be no thicker than 1/2" and no wider than 3in . you may use 2x2 tubing or pipe.

## **CAGE**

1. You may have a 4 point cage surrounding the drivers compartment with a rollover bar. Maximum material 4"x4" must be securely welded th sheet metal using a plate no larger than 10x10x1/4. Door bars maximum length is 60", they are not to go any farther forward than the firewall and may only extend 6" pass the drivers door seam. Anything past will be cut off. May gusset the cage in the corners. Gussets must be within 6" of the corners. All cage material must be at least 5" off the floor. No down bars or kickers permitted. Cage must not extend into the bed.
2. A gas tank protector is permitted. No wider than 32". The holder must be attached the rear cage bar and must be 5" awar from all sheet metal. If attached to the floor or the bed must be 5" away from all cage materials.
3. Battery may be relocated into the drivers compartment(recommended). Battery must be securely fastened to the floor. Only one battery permitted. Batteries must be covered.
4. Factory fuel tank may be used in its factory location if the entire tank is located in front of the rear axle.
5. An aftermarket fuel cell is permitted, must be securely fastened. No plastic tanks or stock tanks inside the vehicle.

## **FRAME**

1. No frame creasing or hammering permitted. You can notch or dimple the rear frame. Not allowed to pre bend and weld back together.
2. If a frame section needs to be replaced or repaired (rust) you must call first.
3. Fix-it Plates: Fresh vehicles may have (4) 4x4x1/4, two per rail. Pre rans may use (6), three per rail. Must have at least a 1/2 gap between plates. No parallelograms.

## **BUMPERS**

1. Any factory automotive or manufactured bumper permitted. Manufactured bumpers include SMW, Limitless Fab, Pimp Products, or Seth Gibson. No thicker than 10 gauge, 4 gussets with one inch holes, two end gaps with 2" hole in the ends. Tampered bumpers are allowed. No Chrysler Pointys.
2. May use a straight/flat/hollow piece of square tubing. Maximum demensions of 8"x8"x1/4 thick.No homemade points.
3. Bumpers may be bolted, chained, wired, or welded to the frame. May use factory bumper brackets and shocks.
4. Frames may be squared off and capped to assists in mounting the bumper, do not cut the frame past the front-most portion of the radiator support. Radiator support must remain in factory location. A single 4x4x1/4 square plate per frame rail can be used to assists in mounting the bumper to the frame. Plates must connect to the bumper and be welded onto the outside of frame. Not permitted on the top or bottom of frame.

## **ENGINE/TRANSMISSION**

1. No chains on engine permitted, solid or aftermarket engine mounts are ok.
2. Lower cradles are permitted for mounting purposes only. Must not strengthen the vehicle in any way.

## **WHEELS/TIRES**

1. Any rubber tire is permitted. Wheel weights must be removed. Doubled tires are permitted.
2. Stock automotive wheels only. Small multi lug wheel centers, valve stem protectors, and lip/bead stiffener are permitted. NO full wheel centers, tire protectors, bead locks allowed.

## **SUSPENSION**

1. You may modify tie rods. A\_arms must remain in stock configuration.
2. Upper A-arms may be welded down with a 2x2x1/4 piece of steel on front side and back side of upper a-arm and you may plug weld the center of a-arm. Front suspension doesn't need to bounce.
3. Rear suspension may use two boltin/twist in coil spring spacers per spring to help with worn out springs. Rear does have to bounce. No locked rear suspension.
4. Must use factory suspension and steering components for that vehicle. (a-arms,spindles,hubs,ball joints springs, struts, etc.
5. Bumpers may be no lower than 14" and no higher than 22" to the bottom of the bumper

## **Windshield wire class**

Read all rules carefully and follow them! Any questions call Ryan Weaver 419-618-7449

1. Any 1980 and newer front wheel drive car with 112" wheelbase and "6" cylinders or less, may

- be pre run but must still conform to fresh car rules. Cars may be painted.
2. Windshield is preferred but optional, if removed you must have a vertical bar or wire in windshield area. All other glass must be removed. \*Cars with broken glass inside doors or around any window openings (covering with tape is not acceptable) will not run\*
  3. Body/Bumpers: Bumper covers, outside moldings, mirrors, outside lights, hood latch, and exhaust must be removed (catalytic converter and forward may stay in place). No cutting, bending, hammering, or creasing body is allowed. Cars with factory installed plastic or fiberglass "FRONT" bumper may replace them with a comparable bumper. No chrome bumpers. May weld a 6" x 6" x 1/4" plate to bumper and frame for mounting purpose. Plates may be welded together or may be bolted together with up to four 3/8 bolts per side (8 total). The same will apply to pre-ran cars to replace bumpers that have been torn off in a previous event. Front bumpers may be wired to core support in 2 spots, two strands per spot (4 strands total). Rear bumpers must be stock and remain in place.
  4. Broken tie rods may be welded but no adding steel or strengthening in any way. 5. Computer, all electrical components (except inertia switches), shifter, and wiring must remain operational and in original location and not be protected in any way other than spray foam insulation around battery. Fuel gauge should not read more than 1/4 tank, 5 gal maximum. Battery may remain in original location or be moved inside car if secured through the floor and suitably covered.
  6. Doors must be wired or chained shut only at vertical seams and not to front fenders and front doors MUST have car number in contrasting color. Driver's side can have bar inside door for safety. One optional bar behind the seat may be bolted or welded with a 6"x6" plate at each end. Driver's door can have 2 plates on both vertical seams 3"x3" plates welded.
  7. Hood must have 12"-hole, hood and trunk may be wired shut in 6 spots sheet metal to sheet metal. 2 can go to bumper. If trunk is pre wired must have a 12" inspection hole.
  8. Original rims and radial tires (must have all four), any all weather, snow and ice tires are permitted. No open lug mud tires. No grooving of tires is permitted. You may run donut spares on the back. Donut rims may have weld in centers for mounting purposes.
  9. Driver's side air bag must be removed or deactivated, any others are optional, interior can be removed.
  10. Gas tank can be moved inside car. Only wired or bolted directly to the floor. No bars added.
  11. No using seatbelts or wire from roof to body.

## **Power Wheels**

This class is for the kids AGES 4-10. Bring Birth Certificate in case of a challenge of age. Upon arrival a notarized parent and/ or legal guardian consent form must be filled out or you will not be allowed to participate. This is a Fun Class to get small kids their first taste of a Derby, any Power wheels that are too fast or heavy will not be allowed to run. This is for the Kids to have Fun!

1. Power Wheels for Kids 4 years old and up.
2. Stock, Electric, Regular Size, Power Wheels with up to a 12-volt lawn mower battery. Battery

cannot be mounted in the passenger seat.

3. Helmets must be worn.

4. All doors, hoods, and tailgates must be strapped shut.

5. Use zip ties or duct tape to fasten shut doors, hood, and trunk. No sharp or protruding edges.

Track official and or inspectors' decisions are final.

Dustin Stansbery 419-310-1321

Joey Bowman 419-937-3568

Ron Daugenbaug 567-207-6604

Ryan Weaver 419-618-7449