# **Twisted Metal Demo Crew 2022 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. Each driver must be 16 years of age or older and must hold a valid driver's license. If under 18 years of age, the driver must have a notarized release signed by a parent or legal guardian.
- 4. If you are pregnant and/or have back, heart, or health problems, you are not permitted to compete.
- 5. Any driver or crew member not obeying the rules will be disqualified. Drivers are responsible for the actions of their crew members.
- 6. All competition rules are explained at the mandatory drivers meeting.
- 7. The track owners, fair board have the right to approve or reject any entry.
- 8. The track owners, fair board is not responsible for any vehicles, parts, or personal property at any time.
- 9. 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.

# 80's bone stock

Must be 100% stock!! No cross breeding entire drive must be same make as car (Chevy to Chevy, Ford to Ford and so on) Must appear to be factory engine to car.

- 1. Engine must be mounted with stock mounts in stock position. No welding of mounts must be bolted only.
- 2. No homemade cross members. Cross members must be stock and bolted in not welded.
- 3. Doors must be chained or wired. No more than 8 places per door the wire from the bottom of doors may go around frame. You may use 5/6" chain or 2 strands of #9 wire per hole.
- 4. Trunks must be chained or wired. No more than 8 places; 2 of these may go around bumper and/or frame. TRUNKS MUST BE OPEN DURING INSPECTION! No welding or adding metal. Trunk lid must be in stock location. No tucking, wedging, pre bending, smashing, folding or anything else you can think of. No welding washers for holes.
- 5. Hoods may be wired or chained in 8 spots. You may use 5/16" chain or 2 strands of #9 wire per hole. It must be sheet metal to sheet metal only. Must be 12" hole in hood in case of fire. Remove hood latch!!! Hood must be open for inspection.
- 6. Any tires permitted; double tires permitted. NO foam filled tires.
- 7. You may leave stock gas tank in stock location or you may relocate the fuel tank to rear floor of car if this is done you must use a fuel cell or boat tank. No stock fuel tanks allowed inside of car. Must only have 3 gallons of gas. You may be asked to drain if the gauge doesn't work.
- 8. Windshield may be left in car OR you can remove windshield!
- 9. NO CREASING ON THE BODY IS ALLOWED!!!!
- 10. Stock type springs and shocks. No solid suspension. SCREW IN TYPE spring risers ARE OK, NO wire, chains or any weld on rear ends or rear spring pockets. Cars must bounce & cars must be STOCK!!!!!
- 11. You must use factory rear end for the car you are running.
- 12. You can add one bar behind the driver's seat with a 10"x 10" plate. 4" max diameter on bar.
- 13. You may weld spider gears in rear end to make it posi. No gears are allowed, you must use stock axles. You are not allowed to change the gear ratio or use aftermarket axles. This will be the driver's responsibility to prove they are not changed.
- 14. Bumpers: You may only use an 80 & Newer bumper on car. It must bolt on in the factory location and you may collapse the shocks and weld all the way around the shock and the plate to bumper. 10 gauge aftermarket bumper is permitted, straight bumper only no gussets. If car has no shocks bumper may be welded directly to frame with no metal added. On the back side of bumper where shock mounts you may use a ¼" X 6" X 6" piece of flat metal to create a flat mounting surface.
- 15. If the car has a wiring harness in front of core support you may move it behind core support.
- 16. All body bolts must be factory stock no altering permitted.

# **Compact Cars Rules**

108" wheel base or any front wheel drive 4-6 cylinder car.

#### **BODY**

- 1. Doors may be welded all the way around on outside of body only with  $\frac{1}{2}$ : 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 ¼" 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"  $\times$  4"  $\times$  4"  $\times$  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 floor board 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 bar behind the seat can sit no further back than 12" from rear of driver's seat 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. Door bars

- 2. May be no farther forward than the firewall and extend into rear doors on 4 door cars they must stop 2" from back of door on 2 door cars they must stop 3" from rear wheel well on the body the rear of these bars must be free floating and may not attach to body.
- 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.
- 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.

#### **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 ¼"x4"x4" (2 per side)

### **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.
- 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 and 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. They will be measured from back side of bumper back. You can hard nose the front bumper you may use a  $2" \times 6" \times 2"$  plate to weld bumper the

4. 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. Lower cradle only for mounting purposes. (NO full cradles permitted ½" side plates is not for mounting purposes. If it is excessive you will be made to cut).
- 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 ¼" 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 ¼ "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 % " 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.
- 4. 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.

# Full Size Truck Rules/Mini Trucks & Mini Vans follows Full Size Truck Rules

NO STRAIGHT FRAME TRUCKS ("STATE FRAME") ABSOLUTELY WILL NOT RUN! MAX FRAME THICKNESS .25". Truck frame must be a factory 1 ton or smaller frame that came with a 6 or 8' bed. (not a box truck or straight bed)

- 1. Any American made truck is permitted that came with a factory 6' or 8' bed. 4-wheel drive trucks may only run 2WD (pull a driveshaft). Any STANDARD ONE TON and down is permitted. If truck frame has extra support brackets or is beefed up from the factory you better call before building and we'll come look at it! Officials decision will determine if it can be ran!! Suburban's are permitted.
- 2. Tailgates may be welded shut using 3"x%" strap. A maximum of 48" of strap may be used. Back bumper or tailgate has to be 16" of the ground. No wrapping quarter panels to bumper. Doors can be welded solid with 3"x3". Driver's door can be skinned.
- 3. Beds must be welded to the cab of the truck with a 3" strap directly behind the doors.
- 4. An interior four point cage is required to compete. The cage may not extend outside of the cab into the bed. However, it may attach vertically to the frame in four locations. No metal may be added to the frame to attach the cage. The vertical bars must be welded directly to the frame.
- 5. Car bumpers may be used. Factory bumper brackets can be used or 3"x3" angle or square tubing 8" long.
- 6. A single piece of 3"x3"x¼" angle iron may be welded from the left front frame rail to the right front frame rail (in front of a-arms) on all front coil sprung trucks only. Front leaf sprung trucks may use a chain from rail to rail or from the engine cradle to each rail.
- 7. Trucks must securely fasten gas tanks directly behind the center of the cab in the bed. Gas tank protector can be a max 24" off back of cab and no wider than frame rails.
- 8. 48" piece of ¼"x2"x2" angle may be welded on inside of tailgate.
- 9. Fix it plate rule 6"x6"x1/4" follow car rules! If abused plate will be cut off!!!! Can be added to fresh or pre-ran trucks.
- 10. NO HUMP PLATES
- 11. C-channel front frame trucks can run kickers off the front bar to the middle to the A arms no bigger than 2"x2" square tube. Boxed framed trucks down bars have to stop at firewall.
- 12. Front bumper height is 26" to bottom of bumper.
- 13. Homemade bumper can be max 8"x8" square tube loaded with no point.
- 14. Max 10 leaf's on rear must have a 1" stager. Max 5 clamps permitted per side.
- 15. Factory front leaf springs only, no conversions. Must have factory brackets.
- 16. No bead locks.
- 17. 20" must be at least 20" to bottom of the rear frame.
- 18. No Smashing bed sides down.
- 19. All thread only to lock rear suspension.

# 80's Semi Stock

- 1. Any STOCK American made 1980 or newer hardtop may be used. 2003 and newer Ford Motor Company full size cars, Crown Vic, Interceptor, Grand Marquis allowed MUST HAVE ORIGINAL FACTORY FRONT CRADLE, FRONT SUSPENSION AND STEERING.
- 2. Engine may be swapped (Chevy to Ford, Ford to Chevy etc.). HAS TO HAVE STOCK RUBBER MOUNTS. No engine cradles or distributor protectors. Weld or wire engine and transmission mounts in.
- 3. Hoods may be wired in six locations. 2 strands of 9 wire per hole. Sheet metal to sheet metal 2 spots to frame or bumper. Hoods MUST be open for inspection. Front and rear fenders may be trimmed for clearance. You may weld washers for wire and no angle iron allowed.
- 4. Drivers door only may be welded solid. All other doors can be welded shut with 2 3"x6" per door seam 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 or welded 6 places 3"x3" plates. Must have inspection hole if welded. 2 strands of 9 wire per hole and sheet metal to sheet metal 2 spots can go to frame or bumper. Trunk lids can be tucked, must be 8" off the floor. No changing the factory quarter panels.
- 6. NO WEDGING, TUCKING, SMASHING, COLD BENDING, TILTING OR PINNING OF QUARTERS OR BODY. Body must be stock appearing. Quarters maybe cut for wheel clearance. Radiator front plate can be no thicker than 8" only bolted in 6 spots with 3/8" bolts.
- 7. NO extra body mounts. MUST have stock rubber mounts, spacing and can add 6" body spacers at core support. No bigger than 5/8" all thread can run through the hood.
- 8. 4"X6" hump plate 1/4"max can be added to the outside of the frame and cannot be formed in any manner. Or can be chained from hump to hump. One or the other.
- 9. Front Bumper may be swapped for any factory car bumper. Must have stock bumper mounts and may be welded to the mounts only. No extra metal may be added.
- 10. ALL suspension parts MUST be stock. May weld or wire in the rear coils.
- 11. May change body mount bolts. To a max ½" bolt with a max 3" washer.
- 12. 5 lug rear end only.
- 13. Frames may be notched BUT NOT welded back together.
- 14. 4- 3/8 bolts can be added to each side of quarter panels.

# **Engine**

- 1. Full engine cradles, distributor protectors, header protectors, carburetor protectors, etc... are not permitted. Lower pulley protectors are allowed but must have a 1" gap between sway bar.
- 2. Lower engine cradle is permitted for mounting purposes only! May not reinforce or strengthen the car in any way!
- 3. Engine swaps are permitted. must be mounted to factory K-member/cradle only. Motor must be welded straight down from factory motor mount to frame.

4. Stacks/headers are permitted. Engine may be welded or chained to K-member only not to frame!!

#### **Transmission**

- 1. Aftermarket shifters and slider shafts ARE permitted!
- 2. Trans protectors, braces, aftermarket bellhousing, and tail shafts are NOT permitted!!
- 3. Aftermarket transmission coolers are permitted.

### **Frame-Suspension**

- 1. 02 and down can pull front frame down using 6" core spacers and no more than 2" spacers at firewall.
- 2. 2003 and newer fords are permitted, must have factory cradle steering and suspension! Front frame cross bar from frame rail to frame rail must remain in factory position or be removed.
- 3. Front suspension may be welded. If welded a maximum 2"x2"x1/4" plate is allowed on front and rear of upper a-arms bottom a-arms may NOT BE WELDED!
- 4. Must run factory front suspension components. No aftermarket or reinforced ball joints or spindles.
- 5. You may cut/notch/dimple the rear frame to help roll. Notched areas may NOT BE REWELDED!!!
- 6. Frames may NOT be shortened, front or rear!!!
- 7. Rear suspension may NOT be solid. Must bounce!
- 8. A chain or two strains of wire may be attached between the humps to prevent rear frame from hitting the tires.
- 9. Front sway bars may only be attached using factory brackets and mounts.NO WELDING! 10. NO FRAME SWAP (1998 FRAME/ 1998 BODY ECT....)
- 11. No package tray swaps.
- 12. GM's can be seam welded from firewall forward  $\frac{1}{4}$ " bead top of frame only. Also, hump plates can be  $\frac{4}{x}12$ " or two  $\frac{4}{x}6$ "x  $\frac{1}{4}$ " per side. Must remain in arch of the hump.
- 13. If you weld factory holes shut, you will need to cut new holes in same location that is larger than the factory hole.

### **Tires**

- 1. Any air filled tires are permitted.
- 2. Stock wheels only. Full wheel centers, wheel protectors, bead protectors, bead locks are not permitted!

#### Fix it plates

- 1. 4 fix it plates maybe added to fresh cars except 03 and newer fords.
- 2. May use 2 fix it plates per side PLATES NO LARGER THAN 4"X4"X1/4".

- 3. If size or thickness is abused, it WILL be cut completely OFF!!!
- 4. 03 and newer fords may only have 2 fix it plates and must be visibly bent or will be removed completely.

### **Electrical and Battery**

1. Only one battery allowed must be securely fastened and covered before inspection.

#### Rear-end

Any factory 5-lug automotive/passenger car rear-end housing is permitted. Internals, gears, and axles may be or upgraded. Rear-end housing maybe NOT be reinforced in any way.

Rear-end braces, after market axles tubes/housings, axle protectors, oversized bearing ends or any other housing reinforcement is NOT permitted.

Stock-like trailing arm brackets and coil spring perches may be welded onto a non-coil spring rear-end for mounting purposes only. May not be used to strengthen rear-end.

98 and newer fords watts rear-end conversion is permitted. Watts conversion brackets are permitted. Trailing arms may be reinforced or 2X2" square tubing. Lower training are frame mounts may be no larger than 4X4" welded to the inside (side) of frame. Upper conversion brackets may only attach to package tray of frame and may not be bolted to the body or attached to the frame rails in any way.

Brackets must be 3" away from frame rails.

The outer rear-end brackets must be removed from frame.

### **Drivers Compartment**

- 1. May have a 4 point cage around drivers compartment for safety. Maximum material dimension is 3" bar, square tube, channel, ect... One bar may be located behind the driver's seat, across dash, and two connecting bars along driver and passenger doors max 60" long.
- 2. The bar behind the seat can sit no further back than 6" past front door post.
- 3. A roll over bar is permitted May not be attached to the floor or frame
- 4. The cage bars may be attached to sheet metal only with a maximum 12"x12"x1/4"plate.Cage may NOT attach to frame. If the cage bars are not weld securely, they must be removed for your safety!
- 5. A gas tank "holder" is permitted. Holders may attach to floor or cage. If attached to cage, the holder may be up to 24" wide and must be 5" away from ALL sheet metal on all car. This rule will be strictly enforced. If less than 5" gap the holder will be removed.
- 6. 9 wire from roof to firewall and roof to speaker deck or straight down to the floor. 3"wide flat bar can be added 3" on the roof and 3" to the firewall. Also, rear window bar 3"x1/4" flat bar 3"on the roof and 3" on sheet metal of speaker deck.
- 7. IF you cut firewall out, no metal can be added.
- 8. Aftermarket pedals are permitted.
- 9. Two spots of 9 wire can go from roof to frame.

MUST RUN ALL FACTORY STEERING, HOWEVER YOU CAN RUN AFTER MARKET COLUMN. YOU CAN ADD ONLY HAVE 2 KNUCKLES DO NOT FOLLOW REGULAR CAR RULES THESE ARE THE STOCK RULES

## **Bumpers**

- 1. Any year factory bumper is permitted except for Chrysler pointy bumpers, they are NOT permitted. May be used and seam welded, but not loaded.
- 2. 10 gauge aftermarket bumpers are permitted. RCL and Limitless Fab tapered bumpers are approved with 2 end caps and 4 gussets max. All end caps and gussets must have at least a 1" inspection hole all the way through the bumper. RCL tapered bumpers cannot have a gusset in the center of the taper. Call for approval for other after market bumpers.
- 3. Front bumper can be hard-nosed with no metal added and no shortening of frame.

# Windshield wire class

- 1. Any 1980 and newer front wheel drive car with "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. Trunk lids and rear bumpers may not be removed. Cars with factory installed plastic or fiberglass "FRONT" bumper may replace them with a comparable bumper. No chrome bumpers. Bumper may be bolted on with up to four 3/8 bolts per side (8 total) or four 1/2" tack welds 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 then 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.
- 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.
- 8. Original rims and radial tires (must have all four), no snow tires. You may run donut spares on the back.
- 9. Driver's side air bag must be removed or deactivated, any others are optional, no other interior to be removed with the exception of door panels for glass removal.
- 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.