

**NOTE: Smash It Demolition Derby's Inc. will be in charge of all demolition derby events at the Lawrence County Fair Grounds beginning 2011. Any questions about the rules should be addressed to Tim Clark, President of Smash It. Mailing address, telephone number, and email address can be found at [smashitderby.com](http://smashitderby.com)**

## Smash It Demolition Derby Rules

### General

1. Any American-made sedan or station wagon No Imperials. **If car is painted black a 14" x 14" roof sign is mandatory.**
2. Helmet, seat belt, and eye protection must be worn at all times.
3. Any controversies or protests must be brought up during the drivers meeting.
4. Any questions call first If it doesn't say you can don't do it. Cars must be stock unless modification is stated in the rules. No painting of the frames. a 12" x 12" roof sign is recommended.
5. Judges decision is final. All cars are subject to re-inspection at any time before, during, or after the event.
6. All glass, plastic, and interior must be removed before arriving to the event.
7. Cars must be stock unless modifications stated in rules. We have the right to RE-INSPECT, DRILL, OR CUT any car at any time.
8. IF YOU STRETCH A RULE YOU WILL LOSE THAT RULE.
9. Original gas tank must be removed and replaced with a boat-type tank or fuel cell; moved inside of car behind drivers' seat but no further back than rear axle. Batteries must be moved to passenger side floor board and securely fastened.

### Body / Cage

1. A 14" x 14" inspection hole must be put in all deck lids. **Trunk lids must be factory for make and model of car**
2. You may weld, wire, or bolt doors, trunk lids, and /or tailgates. If you wire you may use 8 double strands of #9 wire all may go around bumper or frame You may weld, wire, or bolt only. Strapping used for welding may not be stair stepped no excessive overlapping permitted. Strapping may be ¼ x 3" maximum. Deck lids may have two 1" piece of all thread from the floor pan to the deck lid they may attach to frame using a 1" nut welded to the top of the frame no washer or material of any kind may be used at this location other than the nut. On wagons these may go from the floor pan to rear roof pillars not the roof.
3. No body seam welding will be permitted. On pre-ran cars some sheet metal may be repaired back to stock.
4. 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 no more than 6" from the window area. And welded to deck lid no more than 6" at the rear window area Metal used for this may not exceed 6" length on roof or deck lid.
5. You may use a floating gas tank protector that comes off the back bar but it can not be wider than 24" The gas tank protector or holder may go all the way back to the sheet metal. If the protector is wider than 24" it will not be allowed to run. Gas tank protector / holder can not be welded or bolted to rear sheet metal or frame.

6. You may have 6 bolts on the hood to keep it secure bolts may be 1" in dia. The front 2 may go all the way through core support you may use a 2 x 2 spacer through the core support this may be welded to top of frame and top and bottom of core support only. You may also use a 5 x 5 x ¼" plate to weld to top side of frame on the front two body mounts and weld no farther than 2" behind the body mount 1" bolts max.
7. Hoods must be open for inspection. (12" x 12" hole over carburetor)
8. If automobile is tucked there must be a large access hole to see in. Cars may not be smashed flat if cars are tucked the rear quarter panels on both sides of cars must be 6" higher than the top of the bumper.
9. Body mounts must remain in place or a 1" gap between body and frame with a stack of washers or spacer of some kind may be used nothing bigger than 3" x 3" permitted.
10. You can add a piece of angle (4" x 4" x ¼" max.) to top of the core support but can be only 1" wider than the largest radiator No longer than 32" no other metal permitted on core support. No other metal permitted to be welded to core support.
11. You may have a roll 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 where the kick panel meets the bench seat and must be at least 6" off the floor You may use 2 down legs to the frame from the rear bar down to frame these must run straight down no angling of the down legs permitted. No cage components can be farther back than where the kick panel meets the bench seat. Roll over bar and rear down legs are cage components No center bar in cages permitted.

### **Frame / Suspension**

1. Trailer hitches and braces must be removed. NO WELDS ON FRAME MAY EXCEED ½" IN WIDTH EXCESIVE WELDS WILL HAVE TO BE FIXED.
2. Frame welding is limited to front and rear bumper areas Frame seams from firewall forward may be welded top side only.
3. Any year bumper permitted. All bumper seams may be welded, Front bumpers may be loaded bumper must appear factory on front side. The bumper on the rear of the car must be factory no adding of metal to bumper on rear of car will be permitted. Openings in bumper may be closed out. You may use ¼" plate to weld from bumper to frame 2 sides only can overlap the frame no more than 2". Bumper shocks must appear stock and may not be further than 10" inside of frame and be no bigger than 2 inches in dia.
4. If a frame section needs to be replaced or repaired (rust) you must call first. If the frame has damage in the rear the back 2 body bolts may be moved no more than 6" from factory location. On pre-ran cars if the frame is shortened and bumper replaced the bumper shocks may not be located closer than 6" from hump plate.
5. You may put (4) - ¼" x 3" x 3" plates on pre-ran cars that have frame damage **There must be visible damage to have the fix it plates.** If a seam has came apart you may re-weld up to 6" of frame but that will count as 1 of the 4 plates (no plates bigger than ¼" x 3" x 3" allowed) THIS WILL BE STRICTLY ENFORCED.
6. Angles for cross member can't be longer than 5" and must be within 12" from factory location.
7. Body bolts and washers may be changed (1" dia. Bolt max, 3" washer max.) Must start and stop in stock location
8. Bumper can not be lower than 15" or higher than 22" from bottom of bumper. Frame may not be lower than 14".
9. For coil sprung cars you may use a hump plate they may be ¼" X 6" X 22" centered in the hump they will be measured from the top center of the hump and must start no lower than the center of the frame. **Hump plate must be at least 2" from rear end housing.** On leaf spring cars you may use a ¼" X 6" X 11" hump plate to be measured the same way. These hump plates may contour the frame or run straight across hump.

10. You may clip pre-ran cars with a single butt weld with no metal added must use same make and model of frame IE: ford to ford gm to gm.

11 You may cut flaps and re-weld to tilt the front of new style fords no metal may be added. All factory holes in frame must remain open no welding these holes shut permitted.

12. On new style cars with the aluminum cradles you may switch these out with 80 and newer steel cradles they must be put in like there factory counterparts only using the factory brackets no other metal may be added. They must be in factory location and can not be moved forward. You may use a 3" spacer from the bottom of the frame to lower A-arm where the spring goes you may not alter frame in any manner other than attaching factory brackets with a single bead of weld. You can not make homemade spring pockets. All factory holes in front of A arms must be open. The 4 holes in front of a arms behind bumper must remain open.

Engine

1. Engines may be chained in with 2 chains standard 3/8" chain max. these chains may be no longer than 16" and no more than 3 chain links may be welded to the engine cradle. Chains must attach to engine. No chains permitted to frame

2. Motor of choice is permitted. Distributor protectors are allowed, Nothing that attaches to engine can be wider than the stacks I.E dist. Protector, engine cradles, etc.

3 you may use one or the other not both. (A) kicker from dash bar to D.P. but can not be welded Or bolted to D.P. .OR (B) you can have 2 kickers from the front dash bar to the top side of frame behind A arms. 2X2 square tubing only no other material may be used they must be within 2" of A arm if you choose this option front dash bar must be 5" behind firewall.

4. No transmission protecters or braces of any kind permitted A skid plate may be used from the oil pan to the transmission pan this may not attach to anything else and be no wider than 16". No braces of any kind will be permitted behind distributor protector.

Suspension

5. You may modify tie rods. Valve stem protectors are permitted. Control arms must remain in stock configuration.

6. Upper A-arms may be folded down to frame and welded if you use metal to weld A-Arms you can weld a small piece of steel or rod to fill in gap only. This is for solid suspension not to reinforce frame. to top of the frame front and back sides of upper A-Arms. Lower A-Arms may not be welded. You can change out the new style A-arms For old style ones. Cars do not have to bounce. Solid suspension is allowed.

7. Coil springs in rear may be welded wired or chained to rear end.

8. You may use rear end of choice. ¾ ton rear ends are permitted. You may add 3 bolts per wheel well - 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 7 springs allowed and must have a 2" stagger and mounted in factory location

9. You can not change coil spring to leaf spring set ups.

## MINI CARS

1. At least (5) cars must show to have this heat.

2. Mini cars must have no more than a 107" wheelbase 4 & 6 cylinder engines only. No full-frame cars permitted.

3. Suspension may be solid. Leaf springs must remain factory no adding of extra springs permitted.

4. For all other rules refer to full-size rules (above)

5. Hump plates permitted on mini cars they must be on outside of frame.
6. Only 1 seam on front uni-body frame in front may be welded.

For 2011 see the event listings for derby's that AMC products may be ran

## **Full Size Truck and Mini Trucks Rules**

1. Any American made 2 wheel drive pick up, suburban and blazer type vehicles permitted.
2. Factory fuel tanks must be removed.
3. You may run engine of choice. No kickers to distributor protector or frame in front of firewall.
4. Fuel tanks must be located in the bed of the trucks in the center of the bed directly behind cab. No stock fuel tanks permitted. Fuel cells must be securely fastened and covered.
5. Battery may be moved to front floor of cab. Battery must be securely fastened to floor and covered.
6. All trucks must have seat belts.
7. Doors must be secured by wire, chain, or welded shut no loose doors permitted.
8. Tail gates may be welded shut they may be welded to the bumper on the rear of the truck. **Bed seams where the bed sides meet floor may be welded inside of bed only no metal may be added.**
9. Box and cab mounts may be replaced with up to 1" bolts body mounts may be removed. The body bolts may go all the way through the frame and floor of truck.
10. No trailer hitches or reinforcements of frame or body of any kind permitted. May use car bumpers for mounting of car bumpers you may use factory bumper shocks and brackets or a 3" X 3" X 5" long box steel or like wise material.
11. Hoods must be in place and operable must have a 12" X 12" hole cut in hood over carburetor
12. Hoods may be wired or bolted shut only 8 double strands of wire permitted all can go to frame or bumper see full-size rules.
13. No 4 wheel drives permitted 4 wheel drives must have front drive shaft removed.
14. Tires are to be stock sizes for trucks no split rims.
15. Beds must be welded to cab of trucks with a 3" strap directly behind doors.
16. 8 double strands of wire permitted on front and rear of truck all permitted to go to frame
17. Suspension may be solid.
18. A 4 point cage is highly recommended in drivers' compartment for drivers' safety. The cage in the cab may have 4 down legs from front and rear bar straight down to the top of frame. Also a gas tank protector is highly recommended. Protector may attach to frame but may not extend further than 24" from the front of the bed.
19. Trucks must set level no pulling down rear of the truck. No smashing of the bed sides will be permitted. You must use factory springs for make and model of truck. You may use all thread for shocks.

## **Semi-stock**

1. Any American made automobile. No checker cabs, convertibles, or 4 wheel drive cars
2. Any? Call first. If it doesn't say you can, don't do it. Cars must be stock unless modification is stated in rules. No painting of frame we have the right to drill or cut any car at any time
3. All glass, plastic & interior must be removed before arriving at the event.
4. Trailer hitches & braces must be removed.
5. A 14" x14" inspection hole must be put in all trunk lids.
6. Original gas tank must be removed & replaced with a boat-type tank; moved to inside of car behind the drivers' seat and no further back than the rear axle. Batteries must be moved to passenger's side floorboard.

7. No interior seam welding will be permitted. All doors, hoods, and trunk lids must be fastened shut with wire, banding, or chain. Doors may be welded vertical seams only no other welding permitted on body of car. Hoods, deck lids, and or tail gates may have 8 double strands of #9 wire to fasten shut sheet metal to sheet metal only 2 of these in front and rear may go around bumper. No welding of these will be permitted
8. Angles for the cross member can't be any longer than 5 in. and must be within 12" from factory location
9. Motor of choice permitted. Any 5 lug rear end permitted
10. You may have a bar in the dash area and behind seat you may use a bar on driver and pass; side door for driver safety. Dash bar must be 5" from firewall
11. Hoods must be open for inspections. (12" x 12" hole over carburetor).
12. If body mount bolts are changed you may use no bigger than ½" bolts. All cars must have a 1" space between body and frame.
13. Coil springs in the rear may be welded, wired or chained to the rear-end No solid suspension all suspension components must remain factory stock no modifications will be permitted
14. Engines may be welded, wired, or chained in to engine cradle only nothing may attach to frame
15. Bumpers must be factory bumpers only welding of shock tubes to bumper permitted no adding of any metal
16. IF YOU STRETCH A RULE YOU WILL LOSE THAT RULE.