

Fullsize, compacts, stock class, trucks, mowers. Fall 2009

fullsize payout

1st \$1500  
2nd \$750  
3rd \$500

compact payout

1st \$1000  
2nd \$350  
3rd \$100

TOWING AND TRANSPORTING CARS

Towing and transporting Demolition Derby cars to and from race locations must meet highway safety codes. (Including proper light controls, safety chains, tow bars, towing trailers, etc.)

TYPE OF CAR

Any American made, hardtop automobile is allowed except as follows: No trucks, Suburban's, Travel alls, and convertibles (unless converted to hard top in a safe manor), Jeeps, limousines.

Compact cars include 4 & 6 cylinder, front-wheel or rear drive, 107" wheel base or less

PREPARATION OF CAR

(Remove following before arriving at fairgrounds or track)

1. All glass including windshield, side windows, and rear window, head and tail lights. All plastic & fiberglass trim, molding And grill. Rolling windows down is not permitted.
2. Auto must be swept clean. No junk tires, wheels, metal parts, broken glass, etc. allowed in car.
3. Chrome molding strips and complete rear seat must be removed. On station wagons all rear seats and decking must be removed. No loose flooring is allowed.
4. Any sharp protruding fins or dangerous objects must be mashed down or cut off.
5. No special bumpers, reinforcements or trailer hitches will be permitted.

\*\*\*\*\* IF IT'S NOT IN THE RULES, IT MUST REMAIN STOCK\*\*\*\*\*

FRAME

1. Frame seams may be welded
2. NO foreign material may be welded, bolted, or added to the frame unless otherwise stated.
3. You may not paint, spray or throw mud on any part of frame.
4. Chrysler sub frames from 1967-1973 (not including imperials) may plate the top side of the y's. plate may not extend any further back than one inch past the y and may be no wider than one inch on either side of the y, plate may be no heavier than 3/8 thick ( if you have a car that falls into this category and have questions call first)
5. 80's and newer ford products may tilt frames. No foreign material may be added.

6. You may notch or dimple your frame.
7. Sub swaps permitted
8. hump plates permitted 1/4" thick 4 inch wide 24 inches long

#### BODY

1. You may cut and roll wheel wells for tire clearance. 6 bolts in each wheel lip 3/8 max bolt 1 inch washer
2. You may patch rust using same thickness of metal as area you're patching. 2 inch overlap only on rusted areas.
3. Excessive patching will be cut.
4. Rear of cars may be pre-bent
5. Wagon roofs may be smashed
6. All doors trunks/tailgates may be welded solid. Strapping for doors not to exceed 3 inches wide by 3/8 inch thick. Chain or wire may be used but only one method of keeping the door closed may be used. Chain or wire may not wrap around the frame.
7. Plate may be welded or bolted on drivers' door not to exceed 8 inches on either side of door.
8. Any cars door that comes open will be disqualified
9. Core Support may be shimmed up with 2X2 square tubing long max.
10. Steering Column may be swapped, aftermarket steering shafts allowed.

#### CAGE

1. You may install a bar behind driver seat. 8x8x 1/4 plates may be welded on body to mount the bar. No further back than 12 inches past driver's seat.
2. Dash bar may be installed 4 inch max diameter
3. Door bars connecting dash bar and rear seat bar are accepted.
4. Roll over bar allowed. Bar must be attached to rear seat bar.
5. Gas tank protector allowed but may only be attached to the rear seat bar. Protector can not touch frame rails anywhere. Protector may be against sheet metal but not welded

#### BODY MOUNTS

1. All body mounts may be changed
2. 5/8 max size bolt with 3 inch washers 1/4 thick
3. You may mount body solid to frame.
4. Bolts are not to travel through bottom of frame rail.
5. No extra body mounts. (in rare occasions on a bent frame) ask first
6. Mounts must remain in their stock location.

#### WINDSHIELD

1. You must have at minimum one bar, pipe, chain, or flat stock welded or bolted, from roof to fire wall or front dash bar.

#### HOODS

1. Hoods must have a 12 inch hole cut over the engine for safety purposes.
2. Hoods can be bolted together where cut out, 12-3/8 bolts max with a 1 inch washer per hood.
3. Hoods may be secured in 6 spots using 1 inch bolts or less with no larger than 4 inch washer. Front body mounts may pass from bottom of frame thru the core support and be used as front hood bolts. If wire is used, no more than 3 strands per

hole in 6 places. You may weld 1 inch washer at holes for wire.

4. Hoods must be open for inspection.

#### TRUNKS

1. Trunks may be welded no wider than 3 inch strap you may wire with a maximum of 6 spots. No more than 3 strands per spot. You may weld a 1 inch washer at hole.
2. You must have an (inspection hole) cut in trunk. Hole must be 10 inches wide by 10 inches tall.
3. you may bolt your trunk cut out with 12 3/8 bolts or less you may have a 1inch washer per bolt

#### BUMPERS

1. Any year OEM car bumper is permitted (NO special bumpers).
2. You may weld all bumper seams. (Bumpers are expensive so weld them to last.)
3. You may trim bumper ends.
4. You may weld all mounting components of bumpers solid to the frame.
5. Any homemade method of bumper mounting may not extend more that twelve (12) inches in from the start of the frame rail.
6. You may weld bumper directly to frame.

#### SUSPENSION

1. Suspension must remain stock unless otherwise stated
2. Front suspension may be welded solid a-arms may be welded to frame
3. A-arms on 80s and newer cars may be changed out for older A-arms. Automotive only.
4. Coil sprung cars that elect to convert to springs and shackles may run a maximum of 9 leaf springs. No springs may be longer than the main spring and may be no thicker than 3/8 at 2 1/2 inches wide.
5. Shackles may be no larger than 8 "long x 3" wide 3/8 thick. Front spring mounts to be no larger than 6" long 3" wide 3/8 thick all bolts for conversion not to be larger than 3/4. No duct tape on springs no welding on springs. Shackles may be solid
6. leaf spring clamps may be 2" wide 3/8 thick 4 per side allowed
7. Rear suspension may be locked using up to 1 inch all thread from rear end housing up through the stock shock mounts.
8. If you decide to stay with coil springs you may weld coils to rear-end.
9. Cars that come factory with leaf springs that alter the stock pack may have no more than 9 springs per pack, springs may be no longer than the main.

#### REAR ENDS

1. Any 5 or 8 lug rear end is allowed
2. spiders may be welded
3. non leaf sprung rear ends may lengthen upper control arm and shorten lower control arms for desired pinion angle.

#### TIRES

1. Tire size at a maximum of 7.50-16 no restriction on tread or ply rating
2. Doubled, tube, glued and screwed tires allowed. No studded tires.
3. Valve stem guards are allowed

#### 4. NO WHEEL WEIGHTS

#### 9 WIRE

1. You may run 3 strands of 9 wire in 2 spots from bumper to core support

#### GAS TANKS AND FUEL LINES

1. Any fuel is accepted.
2. Original gas tanks must be removed.
3. Tanks must be mounted in a safe and secure way behind the driver's seat.
4. 10 gallons of fuel maximum.
5. All fuel tanks must be covered with non flammable material.
6. You may run an electric fuel pump but must have a on and off switch marked.
7. All fuel lines must be secure and leak proof.

#### MOTOR/ TRANNY

1. You may run motor and transmission of your choice.
2. No form of mounting motor and tranny may strengthen frame or body.
3. Transmission coolers are accepted. Hydraulic lines only

#### Radiators & Fans

1. Any stock type radiator is allowed, and must be mounted in stock location.
2. You may (float your radiator) using 9 wire, bungee straps, or anything of that nature, maximum of 3 spots.
3. If using a steel fan it must be a clutch fan. Plastic solid fans acceptable. Electric fans are permitted.
4. Water only!
5. Auxiliary water cooling systems allowed, but must remain in stock cooling system location

#### BATTERY

1. 1 battery of any size is permitted.
2. Battery must be secured to floor in front passenger seating area.
3. Battery must be covered.

#### BRAKES

1. Brakes must be functional at all times!

## **Compact-Size Derby extra rules**

Preparations on compact cars MUST follow the same as full-size with the addition of the following:

1. Factory 4 cylinder or 6 cylinder engine ONLY
2. All four and six cylinder FRONT WHEEL DRIVES WILL BE ALLOWED
3. REAR WHEEL DRIVE FOUR AND SIX CYLINDER CARS WITH A 107" WHEEL BASE AND SMALLER WILL BE ALLOWED.
4. ALL COMPACT CLASS CARS MUST BE UNI-BODY NO FULL FRAME CARS WILL BE CONSIDERED.
5. Electric fuel pump must have a shut-off switch mounted in front of driver marked on-off and must be reachable from outside the car
6. four wheel drive cars will be accepted so long as the FRONT drive shaft is removed and they fit the above rules. YOU MAY NOT REMOVE THE REAR SHAFT ON A FOUR WHEEL DRIVE CAR.

**trucks** 100% payback \$50 entry fee

follow same rules as fullsize

any truck 3/4 ton truck 1/2 ton truck or full size van acceptable. 4 wheel drive trucks must remove front driveshaft.

you may bolt cab to the bed in 4 places 1 inch bolts

**MOWERS** 100% payback 25\$ entry fee

any 18 HP motor or smaller.

any riding lawn mower except for rear engine styles.

Mower deck must be removed

you may build stacks for the exhaust

you must weld bars on the side of the mower for leg protection

you may jig a spark plug protector

you may weld a front bumper to be no wider than the front tires and no taller than 15 in NO THICK BUMPERS

no protection of tires in any way

you may change pulleys for desired gears

you may rig a hand throttle.

call with any questions

Bo Lockwood  
814-590-4173

## **STOCK CLASS**

the stock class is going to consist of 70s and 80's cars.  
no leaf sprung wagons or imperials of any sort!!!!!!!

heres the kicker, 80's cars are allowed hump plates...  
1/4"thick 4 inch wide 24 inches long for coil cars...1/4" 4x12 for 80's STOCK leafed cars.... can run in contour with the frame, along bottom paralell with frame..ETC!!!!  
can not touch the rearend either....

all of the following rules are for 70's and 80'

trany coolers alllowed, oil coolers allowed....

### **\*\*\*\*\*DOORS/TRUNKS**

4 inch wide strapping maximum 1/4" thick

weld drivers door solid

3on3 off on rest of doors and trunk

if doors are not welded shut they can be banded/wired or chained shut it 6 spots

trunk can be bolted/banded/chained shut in 6 spots if not welded.

Sedans can tuck/wedge if wedged, must have 8inches between trunk lid and frame rail!!! will be measured!!!!

Wagons can sedagon....will follow same rules as sedans..

### **\*\*\*\*\*CAGE**

4 point cage is allowed and recommended!!!!!!!!!!

door bars not to excede 60" in length

gas tank protector allowed, CAN NOT TOUCH HUMPS, AND CAN NOT BE WELDED TO BACK SHEET METAL!!!!

rool over bar allowed, must be welded to back bar!!!

no kickers from cage to floor, or to body mounts!! NO KICKERS PERIOD!!!!

### **\*\*\*\*\*SUSPENSION**

front suspension is allowed to be locked

use one of the following methods!!!!!!!!!!!!!!!!!!!!

a- weld upper a arm solid

b- weld piece of metal 1/4" thick to frame, from lower control arm....only allowing 3 inches of the metal on the frame...

rear suspension

## NO LEAF CONVERSIONS

### Coil springs

can be changed for ride height... can wire coil springs in.... 2 strands of wire allowed.....can go from top of frame to rearend... Suspension can be solid in rear (meaning no bounce) NO ALLTHREAD OR WELDED SOLID SUSPENSION IN REAR!!

### Stock leafed cars

if its an 80's car and came stock with leaf springs you can add hump plates also... only allowed to be 1/4"thick x 4x12. 70's and 80's stock leafed can also run 2 strands of 9wire from frame to rear end... DO NOT TOUCH THE LEAF SPRINGS!!!! STOCK PACKS ONLY can add 4 spring clamps per side...

## \*\*\*\*\*BODY MOUNTS

5/8inch max diameter bolts.  
3/4inch space between frame  
body mount plates/washers INSIDE OF FRAME

## \*\*\*\*\*BUMPERS

Any year of bumpers allowed.

please weld them on so they dont fall off....can weld straight to frame or weld to shock your choice.... no extra added metal to frames to weld the bumpers on!!!

## \*\*\*\*\*FRAMES

NO TILTING ON FORDS!!!!!!!

if frame is bent/rotted out you can fix it with nothing thicker then 1/8" thick...can go 2inches past rotted/bent spot...Area that was fixed must be visably bad!!!! if not it will be cut!!!

NO WELDING OF FRAME AT ALL OTHER THAN WHATS ALLOWED

## \*\*\*\*\*REAR ENDS

ANY type of 5bolt rear ONLY

NO 8LUGS (dont make your 8lug rearend have 5 bolt wheels) if so and its caught please bring another rear end with you to change 😊

## \*\*\*\*\*FRONT WINDOW BARS

put these on please, for DRIVERS safety... if not using bar, use wire from roof to cowl area....

## \*\*\*\*\*TIRES

Nothing larger than 16"

NO tread restrictions.

\*\*\*\*\*BUMPER HEIGHTS (RIDE HEIGHT)

maximum front 24" to center of bumper

minimum rear 16" to center of bumper

YOU GUYS KNOW HOW TO BUILD A SAFE AND LEGIT CAR SO PLEASE JUST  
REMEMBER SAFETY FOR YOU!!!