

**DERBYDOG INC**  
DEMOLITION DERBY  
**MOTOR SWAP FULL-SIZE CAR**  
**HOBBY STOCK TRUCK**

2/13/2024

**-RULES SUBJECT to CHANGE at ANYTIME-**

**GENERAL RULES:**

1. a. **MOTOR SWAP:** Any mass production automobiles permitted. No Full-Size Chrysler Imperials.

b. **HOBBY STOCK TRUCK:** Any year truck permitted. Maximum 1/2-Ton frame only. SUV and Vans permitted. No 4-wheel drives. **No 8-Lug Rear-Ends. No hump plates.**

2. ALL GLASS; including windshield, side & rear windows, head & taillights must be removed. All exterior chrome mouldings, hubcaps, emblems, wiper arms, plastic grilles, outside door handles, bumper covers, and header panels must be removed before entering venue. All carpeting, interior mouldings, rear seats, headliner, inner door panels, and all other flammable material must be removed. Dash board is optional. VEHICLE MUST BE SWEEPED FREE OF ALL DEBRIS.

3. Stock fuel tanks must be removed. 10 gallon max. metal tank/fuel cell must be mounted inside of car behind driver's seat. **Gas tank protector;** MAX WIDTH: 28" wide. Must attached to rear seat bar. May be mounted tightly to rear packing shelf. Must have a 12" clearance from sides. MUST NOT ATTACH TO ANY OTHER PART OF VEHICLE. **No angle bracing off gas tank protector to back seat bar.**

a. You may have a back attached to your gas tank protector **OR**

b. (1) Rear window bar. **NOT BOTH**

4. Battery must be relocated to the passenger floor area and secured to floor only.

5. Transmission coolers permitted.

6. Any tire permitted. Round, rubber, and safe. No beadlocks. Weld-in centers permitted.

7. Core support must remain in factory location. A maximum of 5" of spacing between core support & frame.

8. After-market parts permitted; Shifter, Steering Column, Pedals, Pinion Brake, Engine Cradle, Slider Drive-shaft, pulley protector. NO OTHER ENGINE ARMOUR PERMITTED! NO FRONT or MID-PLATES PERMITTED. NO DISTRIBUTOR PROTECTORS PERMITTED.

**SUSPENSION:**

1. Suspension must be stock. Must be mounted in factory location. Spring risers may be used. No aftermarket spindles/ball joints. Rust repair must be approved. No leaf spring conversions permitted.

2. Control arms may be chained or plated to gain height. May weld two links of chain on frame and 2 links on control arm. If using a plate 3" x 3" x 1/4" plate welded-Either to front side or back side of A-arm. **NOT BOTH SIDES!**

3. No homemade a-arms permitted.

4. Lower trailing arms may be bolted to the frame ONLY with 1" of washers between frame and trailing arm max.

5. 98 & up Ford lower control arm factory Ford bracket may be moved to inside of frame for lower arm only.

6. 1" all-thread for shocks permitted. No larger than 1" material.

## **BUMPERS:**

1. Stock OEM bumper brackets and/or shocks. Any OEM bumper. Seam welded bumpers only. Bumper ends may be trimmed. Aftermarket bumpers permitted. (TEXT FOR APPROVAL).

**No aftermarket or Chrysler pointy bumpers and no added points to any bumpers. Bumpers must confirm to similar OEM dimensions. No wedge/ramp style bumpers permitted.**

2. May weld bumper to bumper shocks. Shocks may also be welded. Hardnosing bumper permitted.

**NO**

**MORE THAN A TOTAL OF 2" TO MOUNT BUMPER TO FRAME.**

**3. Rear bumper height: minimum 20" from ground to bottom of bumper.**

## **FRAME:**

1. No excessive welding on frames permitted, except where noted. Rust repair must be verified (text pics). Must prove rust. Fix-it plates- SQUARE 4" x 4" x 1/4" maximum. Must have 1" gap between fix-it plates. RUST REPAIR MAY BE CONSIDERED "FIXIT" PLATES. DO NOT OVERLAP!

**2. Hump Plates may be no larger than 6"x14" straight across. No hump plates on factory leafed cars. Fixit plates cannot attach to hump plates.**

3. Rear frame may be dimpled and/or notched.

4. If relocating transmission cross member, 2 pieces of 3" angle iron, 6 inches wide, or 2" x 2" box tubing may be welded to the frame. Sides only. Top must not be welded. Only (1) crossmember permitted.

5. Tilting; A maximum of 5" of spacing between core support & frame. Front fenders/clip must be mounted in factory position. **03 & newer Ford production automobiles-NO TILTING**

## **BODY:**

1. Sheet metal is to remain in stock position. May tuck trunk. Quarter panels must stay in upright position. **Fresh cars: Quarter panels must not be more than 70 degrees from upright 90.** No folding over. **Speaker deck must stay upright.**

2. **Hood must be open for inspection.** Hood must remain 100% in stock location. May use six bolts total for hood. If using 1" through core support & frame, you may only use 4 additional 1/2" bolts.

3. Fasten doors with no more than; 3 plates, 3" x 3" per vertical seam AND per horizontal seam. May weld driver's door solid.

4. **May weld trunk; 4 plates, 3" x 3". Sheet metal to sheet metal ONLY!**

5. May change body bolts but must retain stock 3" factory body mount rubbers with factory cone spacers or hockey pucks between the body and frame. Body mounts to be 1/2" bolt maximum with one 3" x 1/4" plate, top or bottom. Strictly enforced. Plate or washers may not be welded or bolted to frame. You may be asked to remove new body mount bolts to check.

6. **A total of 5" spacer under core support maximum. Cannot be welded to support or frame, spacer only.**

## **CAGE:**

1. May run one dash bar and one bar behind seat from post to post, 4" maximum pipe or tube. May run door bars to be attached, dash pipe to seat pipe, maximum 4" pipe or tube. **No kickers or downlegs permitted.**

2. Must have a brace coming from firewall to roof for driver's safety.

3. **IF NOT RUNNING A BACK ON GAS TANK PROTECTOR;** rear bar from speaker deck to roof (sheet metal to sheet metal) is permitted.

4. Maximum size of window bar, 2" x 1/4" round, square or flat. Must run one front window bar max.

5. Driver's doors must be padded. Driver's Door may be plated.

6. May run 1 halo bar- 4" max, attached to rear seat bar. CAN NOT BE WELDED TO DOOR OR DOOR POSTS.

### **DRIVE LINE:**

1. Any engine may be used. May use any slider shafts. NO distributor protectors or carb protectors. Stock OEM frame and motor mounts only. Motor mounts may be welded solid. Old Skool style flat plate from frame to motor mount permitted. Pulley Protector OR Sway Bar permitted. NOT BOTH.

2. Aftermarket shifter, gas pedal, brake pedal and pinion brakes permitted.

3. Max 8-lug rear-end permitted Braced rear permitted. Rear end gears may be welded.

4. Pinion Brake permitted.

**5. All steering components must be OEM factory. No Rack-n-Pinion protectors/shields. 2003 & newer Ford must run factory Crown Vic steering.**

6. Aftermarket Cradles for 2003 & newer MUST NOT be welded to frame in anyway. May be bolted to aluminum with no added steel.

7. OEM Tie-Rod ends only. Tie-rod tubes may be re-enforced.

### **PRE-RANS:**

1. Fixit Plates: Maximum 4"x4"-1/4" SQUARE. 4 fixit plates per fresh car. 6 fixit plates per pre-ran car. 1" gap between fixit plates. No fixit plates attached to hump plates.

2. No excessive tilting when pulling down pre-ran cars. This will be checked to the best of our abilities. Officials Decisions are Final.

3. 9-Wire may be used on pre-ran cars. Subject to Official's decision.

### **QUESTIONS**

**Derbydog does NOT inspect via text/phone calls. All questions or comments are due to visual inspection at event for final approval.**

Text questions will be answered to guide you to a direction in the rules for you to read.

Mid to southern Ohio shows text Matt Reed: (937)-397-6416

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