

2017 Demo Derby Rules



Hernando County Fairgrounds & Brooksville Pulling Association



FWD RULES are as follows:

Maximum wheel base allowed is 110.5 inches.

No leaf springs allowed.

No RWD cars allowed.

Preparation-ALL glass, plastic, lights, chrome, trailer hitches and body trim must be removed.

ALL cars must be empty ceiling to floor boards. Headliner MUST be removed. Cars MUST be swept/vacuumed cleaned of any and ALL debris. ONLY fuel injected cars can retain factory dash for electrical purposes.

ALL cars must have a race number at least 24 inches tall on both driver and passenger doors and on roof or a roof sign.

Engines: ANY 3cyl, 4cyl, or 6cyl engine is allowed.

NO V-8 Engines allowed.

HEADERS are allowed.

FRAMES

NO modifications to the frame can be made.

NO hump plates

CAGE

NO bigger than a 4 inch pipe or box tubing can be used.

Kickers are NOT allowed.

Two vertical down legs from cage on drivers side ONLY legs must be straight up and down.

Front bar must be 5 inches away from firewall and 5 inches above transmission tunnel.

NO cage components may be further back than 6 inches from rear door seam of the front door.

MANDATORY minimum cage requirements at least 3 pt. cage 1 bar across each door inside of car with a back bar (seat bar) connecting them. A 4 pt. cage with gussets is RECOMMENDED.

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Roll over bars recommended- Halo/roll over bar can be attached to cage rear seat bar and sheet metal directly below on the floor. Uprights/Halo MUST be vertical (NO angled or tipped rollover bar configuration).

DRIVER DOOR

MUST be painted white.

Drivers door bar or plate is a MANDATORY requirement.

ALL cars MUST have drivers door protection bar/plate inside or outside the car (protection bar is to be NO taller than 12 inches, Must be centered in or on the door) MUST be welded or bolted in. Driver side door ONLY. Door bar CANNOT extend further than 8 inches forward of the front door seam. Drivers door bar CANNOT extend beyond 8 inches of drivers door seam (must be mounted in a secure manner to ensure it protects the driver and WILL NOT come off). NOT to be used an effort to strengthen the car.

BUMPERS

Passenger car bumper of the same class of car may be used. Maximum bumper height 22 inches and minimum bumper height 14 inches to bottom.

Bumper can be welded to the unibody frame rails (may not weld or bolt brackets or bumper to sub frame or k-members).

Bumper may be attached by either welding directly to unibody rails or a 6"x6"x1/4" plate to attach instead of factory mounting hardware for said vehicle.

BUMPER SHOCKS:

MUST be factory from a mini car.

BUMPER SHOCK BRACKETS:

If using shock brackets they are not to be welded all the way around. ONLY 1 inch on 1 inch off maximum weld. NO homemade bumper brackets allowed.

Shocks may be replaced with pipe or tubing, if this method is used the pipe will not exceed 10 inches in length and 2"x2" outside diameter maximum.

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WINDSHIELD-BAR REQUIRED

Rebar, 9-wire, chain or cable is required attached (bolted or welded) 6 inches max. from cowl to 4 inches max from roof in windshield area. May not be attached to cage components or rollover bar. Minimum of one windshield bar mandatory with maximum of two.

BATTERIES & FUEL

ALL batteries and gas tanks **MUST** be secured and covered properly. FWD cars with factory fuel tank located in front of rear axle are permitted to leave fuel tank in factory location.

Battery & fuel cells may be relocated inside car. No ratchet straps, rope or wire will be permitted to secure fuel tanks or batteries for safety reasons. Battery box and fuel cells must securely be bolted and completely secured. Recommended a secured metal fuel cell of motorsports or marine application, absolutely **NO** plastic fuel cans permitted.

EXTERIOR DOORS, TRUNK & REAR HATCH

Doors, trunk and rear hatchback may be welded, chained or 9-wire configuration of 6" on 6" off pattern. **ONLY** one method shall be used, if welding use 2"X2" flat strap or 1/2" solid rod/rebar, **NOT BOTH**. Drivers door may be welded solid.

TRUNKS

MUST be on top of rain channels. Trunk can be tucked but has to keep stock quarter panel height. A 10 inch hole **MUST** be in the trunk for inspection. Quarter panels may be creased.

HOOD & CORE SUPPORT

Hoods may be bolted, chained or wired shut. 6 hood spots max. of 1 inch bolts with 4"x4" plate as washers with nuts, washers 1/2 inch thick max. Can use all thread for the front two core support mounts, can extend from frame rail up through hood with nut and washer on top, the other four spots **MUST ONLY** be to body sheet metal **ONLY**. Nothing in front of radiator except expanded metal or AC condenser. **NO** added metal to core support. A 24 inch hole **MUST** be cut in hood for fire reasons. Half hoods are okay. **ALL** hoods **MUST** be open before being inspected.

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TIRES

ANY tire, we do not want flats.

SWAYBAR

May NOT be modified in any way.

PROTECTORS

NO protectors of any kind, NO engine or pulley protection allowed.

SUSPENSION

ALL suspension MUST be stock for year, make and model of said car. Front suspension may be welded up for height and rear suspension may be wired only to achieve the desired height in accordance with bumper height standard rule.

If not stated in the rules do not do it!!!! The rules are to inform you as what will be allowed. If it was not mentioned in the rules, it will not be allowed. This class is to have a great low cost opportunity officials' decision is final!!!!

Any questions on rules call or text JC Molly @ (941) 914-1440 or Richard Klimas (352) 585-9775