DOMESTIC

LEWIS COUNTY
DEMOLITION DERBY ASSOCATION
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DERBIES- SOUTHWEST WASHINGTON FAIRGROUNDS- CHEHALIS, WA

ENTRY FEES

CAR AND DRIVER- $55.00
ADDITIONAL DRIVER- $20.00*
POWDER PUFF-$25.OO
PIT PASS- $20.00
*IFWOMEN RACE IN POWDER PUFF AND MEN'S RACE, THEY MUST PAY ADDITIONAL FEE

- Check-in time will start three hours prior to the start of the race. (see start times above) • The pits will be closed 1/2 hour prior to the start of the race. NO EXCEPTIONS TO THIS RULE • If you are in line to be inspected, or you have already been inspected, you will be admitted.
- 15 minutes prior to the start of the race, there will be a driver's meeting.
- Immediately after the final derby, at the check-in point, prize money and final derby trophies will be awarded.

OFFICIALS HAVE FINAL SAY ON INSPECTIONS AND RACING RESULTS - Officials will have radios and/or will be wearing orange vests

IFENTERING FOR PRETTIEST CAR ON THE 4TH OF JULY, YOUR CAR MUST BE PATRIOTIC

PIT RULES

1. Minimum age to access pit area is 16. VAILD ID REQUIRED -NO CHILDREN UNDER THE AGE OF 16 IN THE PITS.
2. Insurance waiver MUST be signed at check-in by any individual entering the pits including drivers, pit persons, volunteers, and officials.
3. Drivers, powder puff drivers, and any additional drivers MUST check in with their cars.
4. Pit people will check in seperately.
5. Drivers will sign an agreement to remove their cars from the fairgrounds after the final or pay all costs and/or fines associated with the removal of the car.
6. NO DRINKING OR DRUGS.
7. Drivers are responsible for their own actions as well as the actions of your pit people.
8. Any driver or persons associated with a driver and their car that is caught breaking these rules will be removed from the pits and the grounds. THERE WILL BE NO REFUNDS OF ENTRY FEES OR PIT PASSES IF THIS OCCURS.
9. Pit passes MUST be worn at alt times or you will be removed from the pits.

10. Fighting, bad mouthing, or harrassment of any driver, pit person, volunteer or official will NOT be permitted.
11. Helmets are required. They will be inspected at check-in.
12. Helmets MUST have chin strap and it MUST be used at all times.
13. HELMETS MUST REMAIN ON WHILE ON THE RACETRACK.
14. Seatbelts and shoulder harnesses are required in every car.
    - these can be factory equipment
    - Custom seatbelts and shoulder harnesses will be subject to inspector's approval.
15. SEATBELTS AND SHOULDER HARNESSES MUST BE WORN WHILE ON THE RACETRACK
16. NO excessive speed in the pit area. USE CAUTION. SAFETY FIRST.
17. Long sleeves and long pants MUST be worn while racing (Coveralls are ok).
18. Using cutting torches or welding equipment in the pit area requires proper fire suppression.
19. Intentional hitting of the driver's door will result in an immediate black flag and possible suspension.
    - "INTENTIONAL" will be determined by the officials.

INSPECTION

- Have ALL equipment with you at check-in: helmet, fire extinguisher, and white flag.
- If you are not ready for inspection, you will be taken out of line and have to wait until you are ready.
- INSPECTORS (OFFICIALS) HAVE FINAL SAY ON ANY INSPECTION QUESTIONS - IF IT DOESN'T LOOK SAFE- IT WON'T PASS!

MANDATORY RULES FOR CAR SET-UP- DOMESTIC/BIG CAR

SECTION 1- CAR PREPARATION

1. All glass MUST be removed- vacuum all broken glass.
2. Do not break windows inside the door.
3. Winshields are optional.
4. Engines MUST be free of flammables- clean and degrease engine.
5. Flammable matierals/debris MUST be removed from inside the car and trunk.
6. Fire extinguishers are required in all cars- must have a working gauge.
   - Extinguishers MUST be securely mounted within easy access of the driver,
7. White flag is required in all cars- for use in case of injury or to wave off.
8. NO BUNGEE CORDS- NO DUCT TAPE- NO PLUMBERS TAPE
9. Doors MUST be clear of all glass and debris- including inside.
10. All light cover/bulbs, side mirrors, hubcaps, grills, side chrome, plastic, door handles and pot metal MUST be removed.
11. All trailer hitches, related brackets, reinforcements and hardware MUST be completely removed.

12. Stock fuel tanks MUST be removed.

SECTION 2- FUEL SYSTEMS

1. A limited capacity (of 6 gallons or less) metal tank or boat tank is required as a replacement gas tank.
2. You MUST solidly mount the tank in the interior of the car, ahead of the rear axle.
3. Tank MUST be located at least 12 inches away from the inner door panels
4. If using a metal boat tank, you MUST have it securely fastened with metal strapping or chain, and it MUST have a metal splash shiel.
5. NO PLASTIC TANKS!
6. Gas lines and fittings MUST be teak proof. NO EXCEPTIONS!
7. Rubber fuel lines located inside the passender compartment MUST run through a second larger hose such as a garden hose to prevent accidental spillage on the driver in the event of a leak.
8. A hole MUST be made in the floor board for a fuel runoff.
9. Electric fuel pumps are optional.
10. -If an electric fuel pump is used, you MUST have an on/off switch, positioned upright so on is up and off is down, with 'OFF' clearly marked.
11. Switch MUST be located on the upright behind driver. Make sure it is clearly marked.
12. Gas tanks may NOT be bolted to the frame in any fashion.
13. Gas tanks may NOT be used as a kicker to keep the frame from dropping or moving forward/backward. *Subject to Tech approval*

SECTION 3- BATTERIES

1. Batteries MUST be relocated to inside the car.
2. Battery box MUST be of metal construction, full enclosed, and securely fastened to the floor.
3. In NO way may it be connected/bofted to the frame.
4. The lid MUST be securely fastened shut.
5. Two(2) batteries maximum.
6. Switches and/or wires used for powering off the car MUST be within reach of the driver while harnessed in.

SECTION 4- SAFETY BRACING

1. A <u>front</u> cross brace MUST be installed above the steering column from the window post to window post (in the former position of the dash board
   - It MUST be made of a minimum 4" pipe/square tubing with 1/4" wall thickness.
   - If a 2 piece pipe is used, it MUST be securely fastened so that it can not collapse, either welded or with a minimum 3/4" bolt.
   - The dash bar in NO way may touch or be bolted to the frame of the car.
2. A <u>rear</u> cross brace MUST be installed from door inner skin to door inner skin, as close to the door post (B post) as possible.

- MUST be at least halfway up from the floor

-MUST be made of a minimum 4" pipe/square tubing with plate welded on the ends.

-The end plates may not extend more than 15" past cross bar (towards rear of the car).

- The cross brace MUST be bolted with minimum 3/4" bolt per side, extending through the side irons.
- If the cross brace is collapsible, it MUST be pinned with minimum 3/4" bolt or welded so it can't rotate.

3. All cage material MUST be no larger than 6" O.D. (outside diameter), unless specificed otherwise.
   - It MUST be a minimum of 4" off the floor everywhere EXCEPT the down legs going straight down.
   - NO cage material may be within 6" of the firewall.

   -MUST be a minimum of 4" off the transmission tunnel.
4. ALL BARS MUST BE STRAIGHT.

   OPTIONAL: If floor boards are rusty, you may run MAXIMUM 2" pipe/square tubing over to the inner rocker panel sheet metal.

   - ft MUST be welded. NO BOLTING of this bar!
   - This bar may NOT be welded to the frame!
5. All cars MUST have a minimum of one (1) upright (veritical) post.
   - Upright MUST be located directly behind the driver's seat

   -MUST be made of a minimum 4" pipe/square tubing with a minimum 10"x10"plate welded to the top

   -The upright will extend from roof to the floor. .

   -Needs to be located as close to the seat as possible.

   -It MUST be attached with a minimum of two(2) 1/2" bolts on each end-

   -If using a 2 piece upright, the female end MUST be above the helmet level, UNLESS it is welded or solidly pinned with a minimum 3/4" bolt.
   - May add a 2nd upright on the passenger side of the vehicle.
   - Uprights may in NO WAY be connected to the frame.
6. Both front doors MUST be reinforced with a minimum 8" wide, 3/16" thick channel
   - The side iron MUST not be more than 7' in length
   - The side iron MUST start but be no more than 6" ahead of the front door seam.
   - Door bars MUST not extend over the edge of the wheel well openings.

   -The iron MUST be bolted with a minimum of 4 bolts at least 3/4" that extend through the inner panels.
   - Backing plates (washers) MUST be used and be a minimum of 6"x6"x3/16"thick on both the front and rear ends of the door bars.
   - The front bolt MUST be located through the A pillar/electrical knockout.
   - At least one (1) other bolt MUST go through the plate connected to the rear cross bar.
   - The ends of the side irons MUST be cut at a 45-degree angle.

-IF YOUR DOOR BAR COMES OFF DURING THE DERBY, YOU WILL BE DISQUALIFIED

SECTION 5- SEAT AND SEAT BELTS

1. An approved 4-point harness is recommended.
   - If using stock seat belt, it needs to be mounted to stock mounts or have a 2" minimum flat washer where it is mounted through the sheet metal.
2. Seat can be OEM stock of any make/model car
   - Honda Prelude/CRX seats are not recommended
3. You MUST put a headrest on the upright behind the seat if the seats are not already equipped with a headrest
4. NO fiberglass, plastic, or unpadded racing style seats.

SECTION 6- BUILDING, WELDING, & SECURING

-THERE WILL BE NO OTHER WELDING OTHER THAN WHAT IS STATED BELOW. IF YOU HAVE A QUESTION ABOUT WELDING, PLEASE CALL AHEAD!

1. Doors
   - You may weld the outside door seams, 5" on, 5" off.
   - this means 5" of weld with a 5" gap.
   - You may use filler no larger than 3"w x 1/8" flat or 1/2" re-bar or equilvalent. - If bolting doors shut, you may use up to four (4) 1/2" bolts per door.
   - If chaining the doors shut, you may use 2 chains no larger than 3/8" per door
   - Single wrap only
2. Trunk lids, tailgates, and hoods
   - Hoods can be bolted in a maximum of six (6) places other than stock.
   - The two(2) front bolts may go to the frame.
   - The other four(4) bolts MUST be sheet metal to sheet metal - Maximum of 1" all thread. No pipe.
   - If you use chain, you may weld maximum 6" washers to the hood.
   - If bolting, the 6" washers MUST be free floating.
   - Bolt size MUST be a minimum of 5/8" and a maximum 1" - Maximum plate size is 6"x6".
   - Two(2) 6x6" plates/washers per bolt.
   - Bolts MUST NOT exceed 4" above the vehicle's surface.
   -NO welding of cutouts allowed.
   - You can use a maximum of eight(8) 3/8" bolts and 1 1/4" washers.
   -You MUST have a minimum 10" hole in the hood for fire protection.
   - Hoods MUST be in stock location.
   - Hoods MUST be able to be opened at the request of the Tech Inspector.
   - Trunks may be fastened using chains, bolts or welds.
     -only 2 may go to the frame.
   - Welds can be 5" long with a 5" gap to the next weld on the outside trunk sheet metal only.

- If using filler plates, it MUST not exceed 5"x3"x1/8" in each plate or 1/2" rebar or equilvalent.

-If bolting, plate size can NOT exceed 6x6".

- All thread maximum 1" may go through frame or be welded to the side of the frame.

-Only allowed six bolts or chains if not welding and still only 2 may connect to the frame.

3. Body

- Body creasing, enhancing of existing body lines, and addition of body lines is allowed to the side of the car only

- NO SEDAGONS. NO TUCKING OF DECK LID. NO CANOEING.

- Trunk lid seams MUST be clearly visible and accessible.

- Tucking trunk lid is allowed.

- NO doubling of body panels allowed.

- NO added metal.

- Any spot with four(4) layers of sheet metal or more will be required to be torched out completely.

- Quarter panels MUST remain vertical.

- Core support seam welding or rebolting is NOT allowed.

- Holes may be cut in the floor and firewall to accommodate the shifter, fuel lines, and transmission lines.

- You may cut a hole in the firewall to accommodate the engine, within reason.

- You may have up to five(5) bolts maximum 3/8" and washers maximum 1 1/4 " in each wheel opening.

- They may NOT be higher than 5" above the stock lip location of the wheel opening.

-NO PAINTING BUFFING, OILING, OR UNDERCOATING FRAMES.

-You will NOT be inspected or allowed to compete.

- You may weld frame seams from the front of control arm forward.

- Front frame rails may be cut off no further than the front of the factory core support holes.

- Closing of the Y frames is allowed. Or you can weld a 4"x8"x3/16" plate on top only. One OR the other.

SECTION 7- WINDOWS AND WINDOW SCREEN

1. A protective screen MUST be installed in front of the driver.
2. Cars with a sunroof are allowed as long as the opening is securely covered with sheet metal.
3. Two(2) quality window bars are required vertically down the windshield from top to bottom.
   - Window bars MUST be bolted with minimum 5/16" and maximum 1/2" bolts.
   - NO sheet metal screws are allowed to fasten window bars. Window bars are for driver protection, not car reinforcement.
   -Window bars can NOT be welded in place.
4. Optional rear window bars may be added.

- NO more than 6" extension on the roof.
- MUST NOT contact the deck lid, trunk pins, trunk plates, or frame in ANY way.
- Maximum two(2) parallel with the roof.
- They may be NO more than 2 'I x1/2" thick stock.

SECTION 8- RADIATOR/COOLER

1. ONLY stock cooling systems permitted. NO exceptions.
2. Radiators and/or fans can be removed.
3. Expansion tanks MUST remain in engine compartment as close to stock location as possible.
4. Radiators MUST remain in stock location.
5. If using a non-stock transmission cooler, it MUST be in an enclosed box inside the vehicle.
6. Transmission coolers and all hoses MUST be leakproof.
7. NO screw-type clamps on any transmission hose connections inside the car.
8. MUST be approved crimped fittings (hydraulic fittings).
9. Transmission cooler and components may NOT be bolted to the frame.

SECTION 9- BUMPER AND BUMPER BRACKETS

1. You may use stock bumper or a maximum 5 'I x5"x3/16" box tubing.
   -NO modifications allowed to tube bumpers.
   - Box tubing bumper MUST have open ends and have nothing inside.
2. NO spikes or protruding items.
3. Bumper swaps are allowed.
   - May only use one(I) set of brackets/shocks.
4. You can use any shock style car front bumper with any shock style brackets.
   - Brackets MUST be in stock location and original orientation to be used. - May NOT be stretched or manipulated to gain length.
5. Bumper brackets MUST be no more than 10" back from the end of the frame.
6. NO shocks inside or on top of frames UNLESS they came factory equipped AND are in stock position.
7. If using brackes/shocks, MUST be a visible gap between end of frame and bumper. -Bumper MUST be mounted on the brackets/shocks.
8. Front and rear bumpers may be welded solid.
   -i.e.- bumper to bumper shock, shock to bracket, bracket to frame.
   -NO extra metal.
   -Bumper may NOT be welded to the body.
9. Bumper shock itself may be collapsed and welded. -NO added metal.
10. You may weld the bumper directly to the frame without utilizing brackets or extra metal.
11. You may weld the outer skind to the inner skin structure of the bumpers.
12. Rear bumper brackets MUST follow front bracket rules.
13. Bumper brackets can only be welded 10" from the end of frame.

14. Bumpers may be cut to keep them out of the tires.
15. Bumpers may be welded directly to the end of the frame (hardnose).
    -If doing this, you do NOT get any brackets or shocks. Alf MUST be removed.
    -You may cap the end of the frame with 1/4" flat plate the size of the frame (6x6" max). - Plate MUST remain flat.
    -You may NOT relocate the core support in any way.
16. If factory brackets extend back further than 10", you may still only weld the first 10".
17. Both front AND rear bumper MUST be a minimum 16" and maximum 24" from the ground to the bottom of the bumper.

SECTION 10- MOTOR MOUNTS AND PROTECTORS

1. Motor mounts and transmission mounts may be strengthened with bolts, welds, or chains.
2. Motor straps welded to the frame and bolted to the motor are allowed. -Straps can be a maximum of 3/8" thick flat bar and NO more than 2" wide.
   - ONLY one(l) strap per side.
   - May go NO further than 3" in front of the forward most part of the cylinder head. - Straps may ONLY have 2" of edge contact to the frame.
3. If using an engine cradle, you may use ONLY two(2) front engine hold downs.
4. If you run a Distributor Protector, do NOT mount your dash bar or ANY other bars closer than 5" to the rear most point of the firewall/cowl. YOU WILL NOT RUN!
5. Distributor Protectors are allowed.
   - MUST be attached to engine or transmission ONLY.
   -Back side MUST be no more than 12" wide.
   - MUST NOT contact cage before, during, or after the event.
   -May NOT be welded, bolted, or connected to body, hood, or frame.
6. Forward supports MUST be inside normally positioned headers and NOT extend past the water pump.
7. Distributor Protector may NOT be welded to the transmission bell housing.
8. Distributor Protector may only bolt to the factory transmission mounting bolts that bolt the transmission to the engine.
9. Distributor Protector MUST NOT connect to lower cradle in ANY way.
10. Aftermarket Distributor Protectors and cradles are allowed.
11. If you use a front plate, it may NOT be gusseted to header flanges or other component in ANY manner.
12. Cradles MUST be bolted in the car at or near the OEM engine mounting points within 3" of OEM.
13. You can beat flat the engine side of the firewall ONLY. Do NOT weld or bolt firewall.
14. Do NOT reinforce the firewall/crowl.
15. Do NOT beat, paint, weld on/to, or modify the driver's side of the firewall/cowl in ANY way.
16. NO stack protectors.

17. If using an engine cradle, it MUST NOT be connected to the distributor protector or frame in ANY WAY.

SECTION 11- SUSPENSION

1. Any passenger car FACTORY 5 lug rear ends may be used. - You may interchange make and models.
2. NO braced, hybrids or truck rear ends allowed.
3. NO axle savers.
4. Leaf coversions are NOT allowed on ANY car. Stock leaf springs ONLY.
5. Suspension MUST remain stock style/type.
6. Raising the suspension is allowed as long as the front AND rear bumpers are a minimum 16" and maximum 24" from ground to bottom of bumper.
7. You may weld, bolt, or chain down A-arms. -Maximum 3" welds, | $^{3}/^{4}$" bolts or 3/8" chain. - ONLY two(botts) per A-arm.

SECTION 12- EXHAUSTS

1. Stacks MUST be a minimum 18" from exhaust port.
2. Stacks MUST NOT point forward.

SECTION 13- CARBS

1. You MUST have either an air cleaner or suitable flame arrestor.
2. Two(2) large holes at least 6" in diameter MUST be put in the hood for fire extinguisher access.
3. Stack holes are acceptable for fire access holes.
4. NO alternative starting methods
   - i.e. starting fluid

SECTION 14-BRAKES

1. Cars MUST have a minimum of two(2) working hydraulic brakes or a drive line brake.

SECTION 15- TIE-RODS AND WHEELS & TIRES

1. Any air tire allowed.
   - i.e. DOT, Forklift, Skidsteer, etc.
2. NO studded tires.
3. NO duals.
4. Valve stem protection is permitted.
5. Tie-rods may be reinforced
   -MUST have stock tie-rod ends.
6. Recentering is allowed.
7. NO reinforcing wheels.
8. NO beadlocks.

SECTION 16- SIGN BOARDS AND FLAGS

1. Car numbers will be painted on sign board.
2. Numbers MUST be at least 18" high and minimum 2" thick.
3. MUST be in CONTRASTING COLORS.
   - i.e. black numbers on a white board.

   -including custom signs
   - IF SIGN BOARD IS UNREADABLE, THE CAR WILL NOT PASS INSPECTION UNTIL CORRECTED.

SECTION 17- REPAIRING DAMAGED CARS

1. When repairing damaged cars, you may use NO more than two(2) 1/4" plates per frame cornerer section.
2. You MUST have NO more than eight(8) plates.

   -Two(2) plates RF frame, two(2) plates RR frame, two(2) plates LF frame, two(2) plates LR frame- 8 total.
3. YOU MAY NOT TAKE PLATES AWAY FROM ONE FRAME SECTION AND ADD TO ANOTHER
4. Plates MUST be at least 3" apart.
5. - They may NOT attach to each other in ANY fashion.
6. Repaired pieces MUST have an inspection hole drilled in the center of the plate.

SECTION 18- MISC

1. You may cut firewall for distributor clearance.
   -You MUST cover the hole to block fire from getting into the passenger compartment.
2. Body mounts may be removed.
3. If replacing body mount bolts, you may use bolts(all threads) maximum 3/4".
   -Washers MUST be no more than 1/4".
   - Washers MUST NOT cover body mount hole on exterior of frame.
4. You may add two(2) body mount bolts, one per side.
   - Bolts/fasteners MUST be NO larger than 3/4".
   - Washers maximum size is3"x3"x1
   - MUST be brightly painted for easy viewing.
   - If using a station wagon with body bolts in the humps, these are your two(2) additional mounts. You will NOT be allowed to add more mounts.
5. You may chain the humps.
   - One(l) wrap of chain allowed.
   - It may go around the rear end one(l) time, up through the body and around the frame one(l) time, and be bolted together.
6. If you don't chain your humps, you may run one(l) chain from rear frame rail to rear frame rail behind the rear humps.
7. - Maximum 3/8" chain.
8. EITHER #5 OR #6, NOT BOTH.