

LEWIS COUNTY DEMOLITION DERBY ASSOCIATION 2023 BIG CAR RULES

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DERBIES

4TH OF JULY- START TIME 7:00 P.M.

AUGUST 20, 2023 (SUNDAY OF THE SWW FAIR)- START TIME 2:00 P.M.

LOCATION- SOUTHWEST WASHINGTON FAIRGROUNDS- CHEHALIS, WA

ENTRY FEES CAR AND DRIVER- \$60.00 ADDITIONAL DRIVER- \$20.00* POWDER PUFF-\$30.00

***IF WOMEN RACE IN POWDER PUFF AND MEN'S RACE, THEY MUST PAY ADDITIONAL FEE**

PIT PASS- \$25.00

PREPAY OPTIONS- Contact Lee, Brian, or Kristi

-4TH OF JULY 2023: PRE-REGISTER BY 6/23/23, RECEIVE 1 FREE PIT PASS

- AUGUST 20TH, 2023: PRE-REGISTER BY 8/4/23, RECEIVE 1 FREE PIT PASS

- 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 event, 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

IF ENTERING 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 separately.
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 all times, or you will be removed from the pits.

10. Fighting, bad mouthing, or harassment 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 HARNESSSES 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 until you are ready.

- **INSPECTORS (OFFICIALS) HAVE FINAL SAY ON ANY INSPECTION QUESTIONS**

- **IF IT DOESN'T LOOK SAFE- IT WON'T PASS!**

EXPLANATION

The Large Car Demo Derby Class is designed to be a class that allows builders more latitude when prepping their vehicles. Some welding, engine swaps, engine cradles and more are allowed. These rules specifically state what can be done to the vehicle. **THERE ARE NO GRAY AREAS. IF IT DOESN'T SAY YOU CAN, THEN YOU CAN'T!**

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

COMPETITION MODELS-

1. Open to any make of car
2. 1973 and older Imperials are **NOT** Allowed.
3. No Imperial sub frames
4. No Ambulances, Hearses or Limousines are allowed.

SECTION 1- CAR PREPARATION

1. All glass **MUST** be removed- vacuum all broken glass.
2. Do not break windows inside the door.
3. Windshields are optional.
4. Engines **MUST** be free of flammables- clean and degrease engine.
5. Flammable materials/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 shield
5. **NO PLASTIC TANKS!**
6. Gas lines and fittings **MUST** be leak proof. **NO EXCEPTIONS!**
7. Rubber fuel lines located inside the passenger 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 floorboard 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/bolted 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 front cross brace **MUST** be installed above the steering column from the window post to window post in the former position of the dashboard
 - a. It **MUST** be made of a minimum 4" pipe/square tubing with 1/4" wall thickness.
 - b. If a 2-piece pipe is used, it **MUST** be securely fastened so that it cannot collapse, either welded or with a minimum 3/4" bolt.
 - c. The dash bar in **NO** way may touch or be bolted to the frame of the car.
2. A rear cross brace **MUST** be installed from door inner skin to door inner skin, as close to the door post (B post) as possible.
 - a. **MUST** be at least halfway up from the floor
 - b. **MUST** be made of a minimum 4" pipe/square tubing with plate welded on the ends.
 - c. The end plates may not extend more than 15" past cross bar (towards rear of the car).
 - d. The cross brace **MUST** be bolted with minimum 3/4" bolt per side, extending through the side irons.
 - e. 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 specified otherwise.
 - a. It **MUST** be a minimum of 4" off the floor everywhere **EXCEPT** the down legs going straight down.
 - b. **NO** cage material may be within 6" of the firewall.
 - c. **MUST** be a minimum of 4" off the transmission tunnel.
4. **ALL BARS MUST BE STRAIGHT. OPTIONAL:** If floorboards are rusty, you may run **MAXIMUM** 2" pipe/square tubing over to the inner rocker panel sheet metal.
 - a. It **MUST** be welded. **NO BOLTING** of this bar!
 - b. This bar may **NOT** be welded to the frame!
5. All cars **MUST** have a minimum of one (1) upright (vertical) post.
 - a. Upright **MUST** be located directly behind the driver's seat
 - b. **MUST** be made of a minimum 4" pipe/square tubing with a minimum 10"x10" plate welded to the top

- c. The upright will extend from roof to the floor.
 - d. Needs to be located as close to the seat as possible.
 - e. It **MUST** be attached with a minimum of two (2) 1/2" bolts on each end.
 - f. 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.
 - g. May add a 2nd upright on the passenger side of the vehicle.
 - h. 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
 - a. The side iron **MUST** not be more than 7' in length
 - b. The side iron **MUST** start but be no more than 6" ahead of the front door seam.
 - c. Door bars **MUST** not extend over the edge of the wheel well openings.
 - d. The iron **MUST** be bolted with a minimum of four (4) bolts at least 3/4" that extend through the inner panels.
 - e. 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.
 - f. The front bolt **MUST** be located through the A pillar/electrical knockout.
 - g. At least one (1) other bolt **MUST** go through the plate connected to the rear cross bar.
 - h. The ends of the side irons **MUST** be cut at a 45-degree angle.
 7. Dash bars **MUST** be a minimum of 6" from the fire wall at the center.
 8. All bars **MUST** be straight.
 9. Gussets are allowed on each corner.
 10. There **MUST** be 4" between the cage and all floor sheet metal, including the transmission tunnel and with the exception of the down bars.
 11. You may have a total of four (4) down bars.
 - a. Two (2) per door bar side
 12. Down bars **MUST** be vertical without covering up any of the body mounts.
 13. If your halo bar is running to the floor, this is considered two (2) of your four (4) down bars.
 - a. All down bars may only be welded to the frame or sheet metal.
 - i. If you only weld to sheet metal, you may use a 3"x3" plate.
 - b. Maximum front down bar size is 2"x2"
 - c. All down bars **MUST** be within the front door seams.

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.
 - a. 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!

1998 and newer Watts-Link conversion for Fords

1. You may convert a Watts-Link to a standard 4 link system.
2. Use of upper and lower trailing arm brackets of an older Ford or Aftermarket brackets are allowed.
 - Aftermarket upper brackets cannot be larger than 5"x7"x1/4" and may be attached with a max of (4) 1/2" bolts on each side. May not be connected.
 - **Lower brackets may be welded to the side for the frame but may not be larger than 4"x4".**
3. No positioning of brackets to strengthen the front down legs of the rear hump.
4. **MUST** be mounted in stock location.

2003 and newer

1. **MUST** run the original aluminum cradle and stock lower A-arms
2. Upper A-arm, motor mounts and spring buckets **MUST** mount off the existing cradle bolts. No frame welding allowed for these components.
3. No mounting plate or component may extend more than 2" in front of or behind the cradle bolts. Measured from the center of the bolt.
4. You may use any automotive or fabricated spring bucket but it must not strengthen the frame in any way. Bucket cannot be larger than necessary to hold the coil spring. Again, It **MUST** be mounted off two (2) existing cradle bolts. Do **NOT** weld to the frame in any way.
5. **NO** pinning of frame.
6. excessively. Do **NOT** pin frame to mount the steering box.
7. Do **NOT** weld any seams behind the A-arm, even if the factory skip weld the seam, **DO NOT WELD!**
8. You may cut the excess frame off the front rails, but you may not move the front body mount. All body mounts **MUST** remain in the stock location.

DOORS

1. You may weld the outside door seams, 5" on, 5" off. - this means 5" of weld with a 5" gap.
2. You may use filler no larger than 3"w x 1/8" flat or 1/2" re-bar or equivalent.
3. If bolting doors shut, you may use up to four (4) 1/2" bolts per door. - If chaining the doors shut, you may use two (2) chains no larger than 3/8" per door - Single wrap only

TRUNK LIDS, TAILGATES, AND HOODS

1. Hoods can be bolted in a maximum of six (6) places other than stock.
 - a. 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.

- b. If you use chain, you may weld maximum 6" washers to the hood.
 - c. If bolting, the 6" washers **MUST** be free floating.
 - d. Bolt size **MUST** be a minimum of 5/8" and a maximum 1".
 - e. Maximum plate size is 6"x6". - Two (2) 6x6" plates/washers per bolt.
 - f. Bolts **MUST NOT** exceed 4" above the vehicle's surface.
 - g. **NO** welding of cutouts allowed.
 - h. You can use a maximum of eight (8) 3/8" bolts and 11/4" washers.
 - i. You **MUST** have a minimum 10" hole in the hood for fire protection.
 - j. Hoods **MUST** be in stock location.
 - k. Hoods **MUST** be able to be opened at the request of the Tech Inspector.
2. Trunks may be fastened using chains, bolts or welds. -only two (2) may go to the frame.
 - a. Welds can be 5" long with a 5" gap to the next weld on the outside trunk sheet metal only.
 - b. If using filler plates, it **MUST** not exceed 5"x3"x1/8" in each plate or 1/2" rebar or equivalent.
 - c. If bolting, plate size can **NOT** exceed 6x6".
 - d. All thread maximum 1" may go through frame or be welded to the side of the frame.
 - e. Only allowed six (6) bolts or chains if not welding and still only two (2) may connect to the frame.
 3. Trunk lid seams **MUST** be clearly visible and accessible.

BODY

1. Body creasing, enhancing of existing body lines, and addition of body lines is allowed to the side of the car only
2. **NO SEDAGONS. NO TUCKING OF DECK LID. NO CANOEING.**
3. **NO** doubling of body panels allowed.
4. **NO** added metal.
5. Any spot with four (4) layers of sheet metal or more will be required to be torched out completely.
6. Quarter panels **MUST** remain vertical.
7. Core support seam welding or rebolting is **NOT** allowed.
8. Holes may be cut in the floor and firewall to accommodate the shifter, fuel lines, and transmission lines.
9. You may cut a hole in the firewall to accommodate the engine, within reason.
10. You may have up to five (5) bolts maximum 3/8" and washers maximum 1 1/4" in each wheel opening.
11. They may **NOT** be higher than 5" above the stock lip location of the wheel opening.
12. **NO PAINTING BUFFING, OILING, OR UNDERCOATING FRAMES.**
13. You may weld frame seams from the front of control arm forward.
14. Front frame rails may be cut off no further than the front of the factory core support holes.
15. 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 SCREENS

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.
 - a. **NO** sheet metal screws are allowed to fasten window bars. Window bars are for driver protection, not car reinforcement.
 - b. Window bars can **NOT** be welded in place.
 - c. **NO** more than two (2) bolts per bar.
4. Optional rear window bars may be added.
 - a. **NO** more than 6" extension on the roof.
 - b. **MUST NOT** contact the deck lid, trunk pins, trunk plates, or frame in **ANY** way.
 - c. Maximum two (2) parallel with the roof.
 - d. They may be **NO** more than 2"x1/2" thick stock.
 - e. **NO** more than two (2) bolts per bar.

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 have two (2) options for Front Bumper Brackets:
 - a. Use factory shock/bracket in the factory location for the car you are running. Shock may be collapsed and welded. Can only weld 12" back from back of bumper.
 - b. May use a 16" piece of 4"x 3/8" flat bar. Welded to the bumper and outside of the frame only, of which 4" can be bent in an 'L' facing away from the frame. 12" will be measured from the back of you bumper. Can only weld 12" back from back of bumper.
2. Rear Bumper Brackets **MUST** follow Front Bracket Rules.
3. You may use stock bumper or a maximum 5"x5"x1/4" box tubing.
 - a. **NO** modifications allowed to tube bumpers.
 - b. Box tubing bumper **MUST** have open ends and have nothing inside.
4. **NO** spikes or protruding items.
5. Bumper swaps are allowed.
 - a. May only use one (1) set of brackets/shocks or flat bar.
6. You can use any shock style car front bumper with any shock style brackets.

- a. Brackets **MUST** be in stock location and original orientation to be used.
- b. May **NOT** be stretched or manipulated to gain length.
- 7. **NO** shocks inside or on top of frames **UNLESS** they came factory equipped **AND** are in stock position.
- 8. If using brackets/shocks, **MUST** be a visible gap between end of frame and bumper.
 - a. Bumper **MUST** be mounted on the brackets/shocks.
- 9. Bumper shock itself may be collapsed and welded.
 - a. **NO** added metal.
- 10. You may weld the outer skin to the inner skin structure of the bumpers.
- 11. Bumpers may be cut to keep them out of the tires.
- 12. Bumpers may be welded directly to the end of the frame (hardnose).
 - a. You may cap the end of the frame with 1/4" flat plate the size of the frame (6x6" max).
 - b. Plate **MUST** remain flat.
 - c. You may **NOT** relocate the core support in any way.
- 13. If factory brackets extend back further than 12", you may still only weld the first 12".
- 14. 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.
 - a. Straps can be a maximum of 3/8" thick flat bar and **NO** more than 2" wide.
 - b. **ONLY** one (1) strap per side.
 - c. 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.
 - a. **MUST** be attached to engine or transmission **ONLY**.
 - b. Back side **MUST** be no more than 12" wide.
 - c. **MUST NOT** contact cage before, during, or after the event.
 - d. 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. If you use a front plate, it may **NOT** be gusseted to header flanges or other component in **ANY** manner.
- 11. Cradles **MUST** be bolted in the car at or near the **OEM** engine mounting points within 3" of **OEM**.

12. You can beat flat the engine side of the firewall **ONLY**. Do **NOT** weld or bolt firewall.
13. Do **NOT** reinforce the firewall/cowl.
14. Do **NOT** beat, paint, weld on/to, or modify the driver's side of the firewall/cowl in **ANY** way.
15. **NO** stack protectors.
16. If using an engine cradle, it **MUST NOT** be connected to the distributor protector or frame in **ANY WAY**.

SECTION 11- SUSPENSION

1. Leaf conversions are **NOT** allowed on **ANY** car. Stock leaf springs **ONLY**.
2. Suspension **MUST** remain stock style/type.
3. Raising the suspension is allowed if the front **AND** rear bumpers are a minimum 16" and maximum 24" from ground to bottom of bumper.
4. You may weld, bolt, or chain down A-arms. One of the three (3) options **ONLY!**
 - a. Allowed two (2) 3x5x8" plates per A-arm.
 - b. Allowed one (1) 3/8" inch chain per A-arm
 - c. Allowed two (2) bolts per A-arm.
5. You may reinforce your tie rods, but you must use the **OEM** style tie rod ends.
6. Pipe Tie Rods are allowed but you must use the stock style ends, no aftermarket heim's.
7. Steering Wheel to Steering gearbox may be modified
8. Aftermarket steering columns allowed.

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
 - a. 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- WHEELS & TIRES

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

7. **NO** bead locks.

SECTION 16-REAR ENDS

1. **MUST** be 5 lugs only.
2. **NO** part of the rear end may strengthen the car's frame or body in any way.
3. You may use any type of rear end (Ford/Mopar/GM/Hybrid)
4. Rear end control arms can be reinforced.
 - a. They **MUST** have a bolt and be able to pivot, arms **MUST** be unobstructed and travel freely.
 - b. They may be shortened or made longer.
 - c. They **MUST** attach in stock configuration for the suspension setup you are using.
5. Rear end **MUST** remain in the stock location within the original mounting location.
 - a. Do not move the rear end forward or backwards to support the frame.
6. Rear end braces are allowed, but they may serve **NO** purpose other than to strengthen the rear end housing.
 - a. They may **NOT** extend more than 6" of any part of the original housing and may **NOT** be higher than the top of the axle housing.
7. **NO** axle savers.

SECTION 17- 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**.
 - a. i.e. black numbers on a white board.
 - b. including custom signs

*** IF SIGN BOARD IS UNREADABLE, THE CAR WILL NOT PASS INSPECTION UNTIL CORRECTED.**

SECTION 18- REPAIRING DAMAGED CARS

REPAIRED PIECES MUST HAVE A 3/8" INSPECTION HOLE DRILLED IN THE CENTER OF EACH PIECE SO THE TECH OFFICIAL CAN SEE THE THICKNESS OF THE PLATE

1. When repairing damaged cars, you may use **NO** more than
 - a. two (2) 4"x6"x 1/4" plates per frame corner behind transmission crossmember.
 - b. Three (3) 4x6x1/4" plates per frame corner in front of transmission crossmember.

***YOU MAY NOT TAKE PLATES AWAY FROM ONE FRAME SECTION AND ADD TO ANOTHER**

- c. Plates **MUST** be at least 3" apart.
- d. They may **NOT** attach to each other in **ANY** fashion.
- e. A frame section is one frame rail in front of or behind the OEM transmission cross member, two (2) plates RR frame, two (2) plate LR frame, three (3) plates RF frame and three (3) plates LF frame rail.

- f. You may **NOT** add any more plates than this.
2. Pre-ran cars may get one (1) wrap of #9 wire on each side of the car (one (1) passenger and one (1) driver), made of four (4) strands of wire from any of the window openings to the frame.
- a. **CAGE CAN NOT SUPPORT WIRE!**
 - b. 1" washer may be welded to sheet metal to keep from tearing.
 - c. **NO** other wire may go around the frame, in window openings, or be attached to the cage.
 - d. If using wire to repair sheet metal, please call tech first.

SECTION 19- 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".
 - a. Washers **MUST** be no more than 3"x3"x 1/4".
 - b. Washers **MUST NOT** cover body mount hole on exterior of frame.
4. You may add two (2) body mount bolts, one per side.
 - a. Bolts/fasteners **MUST** be **NO** larger than 3/4".
 - b. Washers maximum size is 3"x3"x1/4".
 - c. **MUST** be brightly painted for easy viewing.
 - d. If using a station wagon with body bolts in the humps, these are your two (2) additional mounts.
5. You will **NOT** be allowed to add more mounts.
6. You may chain the humps.
 - a. One (1) wrap of chain allowed.
 - b. It may go around the rear end one (1) time, up through the body and around the frame one (1) time and be bolted together.
7. If you don't chain your humps, you may run one (1) chain from rear frame rail to rear frame rail behind the rear humps.
8. Maximum 3/8" chain.
9. **EITHER #6 OR #7, NOT BOTH.**