

## Bumper Swap Youth Compact

Bumper Swap Compact: Cars classified as compact (4 cylinder fwd or rwd) with a uni-body construction and that started life with a 4-cylinder gas engine will be allowed. 6-cylinder uni-body Front wheel drive.

Vehicle must remain factory other than the modifications specified below

NO WELDING OTHER THAN THE Drivers DOOR, BUMPER AND CAGE. NO EXCEPTIONS

**You may use aftermarket shifter, pedals, steering column, trans cooler.**

Stripping: All glass, chrome trim, locks and anything else that might become embedded in the track must be removed. TOTALLY CLEAN IT OUT INCLUDING GLASS. Please be sure to remove all glass from around windows. Anything inside the car that is a fire hazard must be removed, including car interior, trunk pad and carpet... Driver door panel can be left in for safety of the driver, projecting latches, handles, etc. inside driver's door must be removed. Remove brittle metal & fiberglass pieces' front and back. ALL SUNROOF OPENINGS MUST BE COVERED!!

Antifreeze must be removed and replaced with water.

Windshield bars-You MUST install two safety straps from the body area behind the hood no more than 2" below the windshield line and no more than 2" above windshield line to the roof of the car to keep the hood from coming backwards through the windshield area. Front WINDOW bars, straps are to be a thinner material that can easily be cut by the fire dept if there is an emergency situation. Gas tank strapping, chain or trunk rod are all good choices. NO angle iron or t-post will be allowed

EXHAUST: May use stacks or if using under car it should be cut off at least 12" behind driver's seat and be bent out towards the side of the vehicle, or straight up and down off of manifold.

FANS: You may use an Electric fan with plastic or nylon blades only. NO ENGINE MOUNTED FANS! ALL FANS MUST BE UNDERHOOD. MUST RUN A HOOD!!!

BRAKES: Must be completely factory stock and in working order for safety purposes on the track.

TRANSMISSION COOLERS: May be moved to under the hood or the rear passenger area and must be totally leak free. All lines must be enclosed.

TIRES AND WHEELS: ANY style RUBBER tire is allowed (NO STEEL TIRES ALLOWED NO RIMS ONLY) No foam filling or loading of tires is allowed. Tire inside a tire is allowed. Remove all wheel weights. No bead locking or protector style rim allowed. No valve stem protectors. You may use the 6" wheel centers for bolt pattern changes.

Front and rear Trailer hitches are to be completely removed.

NO rear window bar

Rust repair: If rust damage is to be repaired in the floors and frame, prior approval must be made before ANYTHING will be passed. No double flooring or double framing.

Driver Protection: A 4 bar enclosure around the inside cab may be installed. One dash bar, one behind seat, one across each front door. All bars must be inside driver's compartment. Door bars may run from dash to behind the farthest back portion of the seat where it meets the kick panel. Side bar can not extend farther than 12" from the seat bar. . Front bar must be at least 5 inches from center of firewall and floor including the transmission tunnel. seat bar may be no further back than 1 foot behind seat. Side bars may be up to 2"x 6" max. Seat and Dash bar can be no larger than 4" diameter. A fifth bar may be used of same size material to run from front bar to back in center. Attaching to the car may only be done on the sides, NO mounting to the floor or roof. Gussets 2"x2" MAX SIZE may be used at all welded connections and cannot be any farther than 8" from the corner on both sides but can only be welded to the protection area. NOT to the car body itself. Nothing can come from floor or frame to cage whatsoever. Used for protection only not reinforcement. Improperly installed bars are a hazard to everyone... NO EXOSKELETONS...All bars will be placed WITHIN the sheet metal of the vehicle. If you choose to use only front and back bar, mounting plates of ¼ "x 6"x12" may be used on the ends.

Roll over bars (HALO) may not extend more than 6 inches above the roof line and may only be attached to the cage with two points of contact behind front seat not to the floor in any way. Halo must remain vertical! All bars must be within same guidelines as cage bars. Nothing can go from halo to dash bar, NO EXCEPTIONS.

HOOD: Must have a hood with a hole minimum of 12" x 12" cut over the carburetor in case of fire and be tied down after inspection with wire (6) spots total. Do not use chain or angle iron!

GAS TANKS: Fuel cell OR A marine style or equivalent fuel cell may be installed in the rear passenger compartment and fastened down securely. factory fuel tank must be completely removed!!) All electric fuel pumps require a separate power switch within driver's reach. Switch must be labeled fuel pump shutoff. NO PLASTIC boat tanks will be allowed. Homemade fuel cells, MUST BE: 1. Sturdy, 2. Securely Mounted, 3. Entirely leak proof or you cannot run! Tank MUST be covered with a splash shield!! NO EXCEPTIONS!!!

Gas tank protector:

If you choose to use a frame for the purpose of mounting your fuel cell, it may either be mounted to the rear seat bar OR bolted to the floor sheet metal (no combinations)

All fuel cell frames/mounts may be no wider than 24" and must start a minimum of 4" away from vertical sheet metal on both used and fresh cars. Fuel tank mounts may not be used as a technical advantage on a vehicle.

FUEL LINES: Must be metal passing through the firewall and in the passenger compartment. ALL FUEL LINES MUST BE METAL LINE, OR HIGH PRESSURE RUBBER FUEL LINE INSIDE THE VEHICLE. ALL FUEL LINES NEED TO BE COVERED, RAN INTO AN OLD GARDEN HOSE IS ACCEPTABLE

BATTERIES: Are to be mounted solidly to car floor in the front passenger compartment with a rubber or plastic shield covering, batteries may also be mounted into passenger seat if secured tight and covered or metal box mounted to cage

ENGINE: engine swaps make to make ok. ALL mounts must remain factory. You may add a chain to each mount 5/16" max. NO ENGINE CRADLES, DISTRIBUTOR PROTECTORS, TRANS BRACES or SLIDER DRIVESHAFTS. Electronics may be relocated. Stacks will be permitted. Exhaust underneath the car will be permitted. Must extend past the drivers seat. No engine mounted fans permitted. All engine cooling fans must be under the hood. Some type of air cleaner must be used.

Steering: May be modified from steering wheel to where it mounts to the OE rack or box ONLY You may reinforce factory tie rods. No heim ended parts

BODY and Frame: Wheel wells may be trimmed for clearance however re-attachment should be no stronger than factory. Body mounts Must remain Factory Stock- Do not touch or weld body mounts or sub frame mounts. No frame modifications. No stuffed frames of any kind. **Do not "enhance" or crease body lines. Sunroof hole must be covered and secured with the same thickness of metal as the roof.**

Front Frame may be seam welded first 6" from the end of the frame back. DO NOT MAKE NEW SEAMS!!! Front Frames may be shortened to mount the bumper but core support and mounts may not be modified or moved.

Rear frame May be notched or dimpled in two places per side.

Fix it plates: **Must be approved.** (2) per frame rail 6"x 6"x ¼" may be used MAX!! Plates cannot overlap.

Doors/Trunk: May have a total of 8 places combination of your choice on each panel by : Welding metal plates (3"x3"x 1/4" max), Chain (3/8" max), # 9 wire (3 strand max), Banding (3" max). ONLY THE DRIVER'S DOOR MAY BE FULLY SEAM WELDED for safety purposes (2"x ¼" straps max) No other body seams may be fully seam welded. You use Drivers door protector inside or outside up to ¼" material if outside may only overlap fender and rear door by 3". May not not welded to frame or subframe. May be welded to the floor.

Trunks may be tucked.

Suspension: Must remain STOCK. Front springs may be stiffened with clamps, spacers or 1" rod. Do not pipe or alter strut. Strut risers may be used above spring area. Do not reinforce A-arms or trailing arms. Strut bars may be used from strut tower to strut tower in the front only. Must BOLT IN Factory location and only 2"x2" MAX SIZE!! Differentials may be welded.

Bumpers: Any OEM car bumper permitted. Seam Welding is ok!! Home made bumper allowed with one piece of 2"x4" rectangle tubing MAX. Ends must be capped with a hole in each end. Manufactured bumpers permitted are SMW flat light, DEC flat light and RUTZ flat. Any questions ask. NO POINTED HOMEADE OR AFTERMARKET BUMPERS!! Bumper width is center of tire to center of tire no more!!! May cut short and fold the ends in or remove the ends. NO SHARP POINTS. Frames may be shortened to mount the bumper but core support and mounts may not be modified or moved. Bumpers front and rear MUST be chained ¼ inch chain or 9 wire two strands in 2 locations and must be tight. No dog chain. We do not want bumpers coming off. No plastic/ fiberglass or tube steel bumpers. NO sharp edges or corners. Bumpers may be welded directly to the frame or may use up to a 6" x 6" x ¼" plate and must cap the end of frame. Mounting plates can not run long ways of frame or be used with a bumper shock. Mounting plate cannot be welded to sub frame.

NO EXTRA ANYTHING ALLOWED AS THE FIRST LINE STATES ALL VEHICLES MUST REMAIN STOCK UNLESS NOTED IN THE CHANGES ABOVE

ANY Additional welds, extra bolting, modifications, etc will be In direct violation of this rule and you will not be permitted to cut or fix it. This will result in an automatic inspection fail!!! No vehicles will be grandfathered in from show to show or year to year.

No #9 Wire before the heat (except to close hood doors and trunk). from heat to feature you may add two spots of 4 strand 9 wire. 9 wire may not go from frame to cage or halo

Any situations that come up the promoters have the power to add or change rules required (2024). Just because it isn't in the rules, it doesn't make it legal. All vehicles are to remain factory other than the modifications allowed and spelled out in each particular section. NOTHING MORE!! Anything found to be Illegal before and after the show can result in Disqualification from the event and forfeiture of the winnings. For registration questions ONLY Contact George Page (Sylvania Lions Club) (570) 297-4181. Rule questions or approval call Justin Lovejoy (607)239-8699 or Ryan Wood (607)426-8427