

1/2- 3/4 ton LIGHT BUILD TRUCK RULES 2015

1. 1/2 - 3/4 ton American made pickup, ext, crew cabs, suburbans are allowed, NO 1 tons or frame swaps. Frames must remain stock and not shortened or altered in any way. No welding other than specified!!!! NO adding extra braces in frame or engine cradles. If officials suspect a 1 ton frame it will be drivers responsibility to have written proof by frame code, vin number it is $\frac{3}{4}$ or less or will not run.

2. Hood may be chained $\frac{3}{8}$ chain, wired, or bolted in 6 separate locations, two chains or wires may go from core support to bumper, U will be allowed two $\frac{3}{4}$ rods welded to frame on the backside of core support used for hood pin, u will be allowed a 5x5 inch washer welded to top of core support for hood pins to go through, other 4 locations $\frac{3}{4}$ hood pins, wires, or chain must go from sheet metal to sheet metal only, - hood washers no larger than 5x5 inches $\frac{1}{4}$ thick, hood pins must be straight up and down 1 ft. max length. U may use 4 $\frac{3}{8}$ bolts each hole to bolt hood skin together hood openings around stacks. MUST have two window bars no larger than 3 in diameter or 2 #9 wires in windshield opening to prevent hood from entering drivers compartment for drivers safety.

3. Doors may be chained two locations per seam, or welded 24 inches of total weld outside only ($\frac{1}{4}$ In. strap no wider than 2 inches) drivers door may be welded solid and reinforced for safety (highly recommended) and can have a drivers window net. Tail-gate may be either chained in two locations per side OR welded 24 inches total AND allowed two locations on bottom of tail-gate to box. Tail-gate may be lowered and welded to end of frame rails to use as a bumper as long as no other form of bumper is not used. If bumper is used may lower tailgate and weld to top of frame only (not bumper) or chained in two lower locations, Plus the 2 chains per side OR welded with 24 inches of weld to boxsides.

4. Front and rear bumpers may be changed to a seam welded, loaded car bumper, NO POINTIES!!! - BUMPERS MUST REMAIN FLAT or slight point of no more than 3 inches from flat, no adding bumper brackets to frame. If u choose not to install a factory car bumper u can use a (FLAT only) 5 ft. long max, 4 inch diameter or less, $\frac{3}{8}$ thick square or round tube behind factory truck bumper welded to frame, no sharp edges, (must be covered by a skin on front side). Bumpers may be welded to frame plus added 2x2 inch wide $\frac{1}{4}$ thick angle iron also to help secure to frame on all sides. Bumper height max 27 inch to top, min. 22 inches to bottom of frame. No open frame rails.

5. Any ply tire allowed, stuffed, skid, ag ok, split rims allowed but ring must be fully welded. Rims can have up to 9 inch weld in centers!

6. Front axle non leaf-spring trucks may install $\frac{3}{4}$ bolt in center of a-arm welded to spring pocket to gain height. Stock leaf packs, no adding leaves, u may have 6 leaf clamps per leaf pack total, no leaf conversions. Factory leaf spring perches may be welded to frame to help from tearing off. May chain rear humps with one $\frac{3}{8}$ chain per side from frame to axle tube on rear. 1/2 ton may swap to $\frac{3}{4}$ ton rear ends, may be welded posi-traction, no bracing on rear ends.

7. May crossbreed engines and transmissions, No adding engine cradles or extra braces in frames. Do not use firewall as a brace. May have 2 chains or wires to frame to hold motor in place, may weld motor mounts in size of factory mount. Trans may be chained or wired to cross-member. Block saver lower engine cradles allowed without pulley protector. Dist. protectors, or trans. protectors will not be allowed, frame must remain stock other than specified. Any driveshaft may be used, sliders ok. No radi-barrels must use a radiator, or loop hoses.

8. Box may have 8 total locations of chains, bolts or u-bolts max. to secure box to frame, cab 6, and core support 2, (3/4 max size bolts with plate size no larger than ¼ inch thick x 8 inches square) bolts may be bolted through top of frame like factory or may weld to outside of frame, do not pin frame, may remove original body mounts. Roll over bar (strongly recommended) mounted in front of box as close as possible to cab, can bolt or weld to box floor or to box washer plates (not frame), no wider than frame on uprights, no wider than cab on top, may have kickers two feet back from uprights to support, and one crossbar across bottom of kickers to protect gas tank, roll over bar cannot attach to interior cage components. Box may be bolted to cab in 4 locations AND may weld 12 inches of strap per side (24 total) to weld cab and box together.

9. MANDATORY= Must run a bar behind seat (no further back than 10 inches behind seat) and across dash may use 6x6 plates on ends, may connect dash-bar to seat bar with two down bars to floor on drivers door for protection, these bars may kick back inward and attach to side of frame after going through the floor. U may also add one down bar on pass door to floor to protect battery. May also attach a rollover bar from seat bar up to or over roof and down to dash bar but these bars cannot connect or come in contact with rollover bar in box to stop truck from bellying . 5 inch diameter max. on cage material, only attached to cab, floor, or body mount plate not directly to frame.

10. 2 battery's max. allowed on pass floor, properly mounted and covered, NO BUNGE STRAPS!! Trans coolers allowed if deemed safe, do not use rubber unbraided trans lines. Gas tank must be removed and one relocated in front of box, 8 gal. max.

11. No folding box-sides over, may bolt fenders with 6 -3/8 bolts to bolt fenders together 2 inch washers max. threads must point inward. Outside fender creasing is allowed.

12. If frame bent, may plate 1 inch past bend both directions 1/4 in thick one side of frame only. No boxing of frames.

13. Stock steering components, may alter steering shaft from box to steering wheel, tie rods may be reinforced in center. Shifter may be altered, ign. and starter wires may be altered. May use electric fuel pumps if well labeled (FUEL SHUT OFF).

14. This is a low build class, if rules don't say u cant do it don't assume u can!!! MUST REMAIN STOCK OTHER THAN STATED IN RULES.