

2024 TNT Stock Front-Wheel-Drive (FWD Gut-N-Go) Demolition Derby Rules

Cars Allowed

- Any factory built front-wheel-drive (FWD) compact car or minivan allowed.
- Engine size limited to 6 cylinder maximum, no V8 cars of any kind allowed.
- No rear-wheel-drive (RWD) vehicles allowed. (**Example:** AMC Gremlin, Camaro, Mustang, etc.)
- No all-wheel drive (AWD) vehicles allowed. AWD vehicles must have driveshaft and rear axles removed in order to be legal.
- No full-framed cars, trucks, full size vans or SUV's allowed.
- No T-tops or convertibles allowed.

General Preparation

- All interior plastic, upholstery, trim panels, etc must be removed. Nothing to remain in the bottom of the doors or trunk. This includes all carpet material. No broken glass inside of doors or other loose material anywhere inside the vehicle.
- Front dash can remain in the vehicle or be removed. Any dash components or molding that can become loose must be removed. (**Example:** Radio, heater control, dash bezel, etc.)
- Driver door panel can be left in place or suitably replaced. Driver's door must have padding of some type.
- All outer hardware must be removed. (**Example:** All glass, door handles, mirrors, chrome, molding, fiberglass, etc.)
- All flammable material must be removed.
- ALL airbags must be completely removed. Unplugging/cutting airbag wires only not allowed!
- The ECM/PCM can be relocated and secured. Securing engine computer may not strengthen vehicle in any fashion. Spray foam is okay to secure.
- Driver's seat must be securely bolted to the floor.
- All seats except the driver seat and the passenger seat must be removed from the vehicle. This includes all fold-down seats (**Example:** "Stow-N-Go" minivans). Rear seats must be completely removed from the vehicle. Area where seats were removed must also be empty and clear of material.

Body Preparation

- All cars must run a hood. Hood sheet metal must stay over top of fans.
- Hoods will be opened for inspection. Do not secure hood until after you pass inspection!
- Hoods may use (2) 1/2" bolts or hood pins to secure front of hood down. Bolts/pins may ONLY attach to the top layer of sheetmetal of the core support. May be welded or bolted through, use 1/2" store-bought washers to secure to core support. (1) 3" x 1/4" maximum washer may be used on top of hood only per side. Bolts/pins may not pass down through top section of core support toward unibody or frame. Do not get excessive with welding or bolting!

- Hood securing locations must be wired, seat-belted, or chained shut (except front (2) locations if you use hood bolts/pins). This will be done immediately after inspection when you line up in the staging area.
- Hood and trunk lids can be wired, seat-belted, or chained up to (6) locations (including (2) hood bolts/pins if used). Maximum of (2) wraps of #9 wire each location. NO bolting trunk lid down in any location.
- Hood and trunk lid must have a minimum 12" x 12" access hole in them for inspection and safety.
- No creasing, tucking, bending, forming, or body-shaping anywhere on the car. This included trunk floor and spare tire carrier location.
- Fenders and quarter panels can be cut away for clearance but must remain stock angle and height.
- Sunroofs must be covered, no exceptions.
- Driver door can be completely welded shut. Other doors must be chained, seat-belted, or wired shut in (6) spots maximum. Driver's door MUST be outlined with white paint.
- Body mounts and bolts must be factory, no aftermarket bolts.
- Fresh cars mean fresh and not pre-bent. You will not run if you pre-bend a fresh car.
- Trunk lids are allowed to be removed. Speaker deck area must remain stock, do not beat this area down. You may cut material away, do not add or weld.
- Trunk lids must stay on top of the quarter panel and speaker deck drip ledge.
- No body seam welding. No other body welding is allowed at all unless it is specifically mentioned within these rules.

Steering & Suspension

- NO modifications to the steering or suspension allowed. Must be the OEM equipment for that vehicle. Do not alter or change to heavier/aftermarket parts.
- A-Arms must be factory. No aftermarket A-arms or added metal plates or welding.
- Struts must be factory. No aftermarket struts. Front and rear suspension must have bounce.
- NO changing out the rear end components to heavier/aftermarket parts. Must be OEM parts only!
- Coil springs may be wired or clamped in.
- No aftermarket shifters, steering columns, or pedals. Stock to that vehicle only allowed.
- Inspectors may drill or unbolt as necessary if they think that something has been tampered to ensure that all rules are being followed.

Brakes & Tires

- Car must have working brakes at all times and have the ability to stop.
- Any tire/rim combo is allowed.
- (4) wheels max per car, no dual tires.
- No split rims or studded tires
- Wheel weights must be removed.
- Tubes and outer tire flaps/skins are allowed.
- Valve stem protectors are allowed but must be deemed safe.

Frame / Unibody

- No frame or unibody welding of any kind allowed.
- No filling frame or body holes with spray foam.
- Crush boxes are allowed to be removed.
- **Pre-Ran Vehicles Only:** You will be allowed (2) 4"x4"x1/8" "Fix-It-Plates" total. 1/2" weld bead width maximum, must have at least a 1/2" gap between plates, this also includes the welds. Do not add more than (2) plates per vehicle! Once these plates are welded on, you will not be allowed to remove/move them to run again in the future.
- If you have frame repair questions call Logan BEFORE you do the work or come to the show with instructions how to fix it.

Bumpers

- Several options for bumpers will be allowed:
 - Option 1:** Any OEM automotive bumpers allowed. No loading or covering factory holes in bumpers.
 - Option 2:** FLAT bolt-together aftermarket/replica bumpers allowed, this option is limited to 10ga steel construction material maximum. Absolutely no adding bolts, welding sections together, or seam welding. No capping or cutting ends of these bumpers allowed.
 - Option 3:** A straight piece of 4"x4"x3/16" maximum square tubing may be used, no wider than 4" past outside edge of frame on each side. End may not be angle cut or capped.
- If vehicle did not originally come with bumper shocks, you cannot run bumper shocks.
- OEM style bumper ends may be altered in (2) ways:
 - Option 1:** Bumper ends cut off flush and capped with 1/8" steel only, 1/2" weld bead maximum. Do not overlap material or get excessive with weld!
 - Option 2:** Bumper ends may be folded around and lightly welded, 1/2" weld bead maximum. Do not get excessive with weld!
- Bumpers can be lightly welded on with a 1/2" weld bead to the frame end only. DO NOT OVERWELD.
- Bumpers may NOT have points or protruding objects.
- Bumpers can have up to a 3" x 1/4" strap material welded on any (3) sides of the unibody frame and be welded 3" onto the unibody frame, and 3" onto the bumper. These straps cannot be touching or welded to the K-frame/engine cradle in any way.
- A 4" x 4" x 1/4" plate can be mounted to the bumper on each side for mounting purposes. A single bead pass maximum. Do not overweld. Absolutely nothing can be inside the frame.
- No added metal on bumpers with exception of the mounting plate and straps listed above.
- Bumpers CANNOT be seam welded or have any welds on them with exception of mounting purposes and bumper ends listed above. Absolutely no adding material onto or inside of any bumper allowed!

Drivetrain

- Radiator must mount in factory location or be removed.

- Stock OEM style radiator only.
- NO homemade radiators or reservoir tanks allowed.
- Radiators can be spray foamed in place.
- Electrical fans are allowed.
- Engine & transmission must be stock for the make and model of the car.
- Exhaust may exit down under vehicle past driver's area or straight up through the hood.
- NO engine/transmission cradles/braces allowed.
- Welded differentials are allowed.
- Stock motor mounts only. No aftermarket/solid motor mounts are allowed. Motor mounts can be secured by one of 2 of the following ways:

Option 1: (2) wraps of #9 wire around mount.

Option 2: A single loop of 3/8" chain with a single 3/8" bolt allowed but bolt/chain cannot be welded anywhere.

• Drivers Compartment

- A chain, strap, or single 4" x 4" x 1/4" maximum material will be allowed behind the driver seat from B-pillar to B-pillar UNLESS you have a 4-point cage.
- A single Rollover bar can be welded or bolted to the cage only and not down to the floor. Bar must be straight down in 2 spots to the rear bar. Rollover bars cannot be 10" past the B-pillar. The rollover bar must be behind driver's seat. Rollover bar can be bolted or welded in (2) spots on the front side of the rollover bar to the roof only.
- Cages are allowed: 4" x 4" x 1/4" maximum material allowed. Driver side door bar only can be up to 12" tall material. A single down leg is allowed in the center of both front doors but can only be attached to sheet metal and not to the K-frame/engine cradle. Cage gusset bars only within the interior of cage. Cage cannot go further than 3" in front of the front door seams and no further than 10" past the B-pillar seam.
- Cage must be 5" off of the floor and cannot be higher than 5" below the window sill of the doors.
- Driver's door may be foamed for protection.
- Gas tank may stay in stock position if located in front of the rear axle. If gas tank is behind the rear axle it must be removed, and a steel tank or fuel cell must be used inside the vehicle.
- Fuel cells must be mounted inside the car in these ways:
 - Option 1:** A tank tray may be built to attach fuel tank to. Tray must be no larger than the fuel tank. Fuel tank and fuel tank tray must stay 4" away from speaker deck/package tray area.
 - Option 2:** Fuel tank may be bolted to floor in (4) locations minimum, tank must stay 4" minimum away from speaker deck/package tray area.
- Pump gas only. No exotic fuels allowed.
- Aftermarket and electric fuel pumps are allowed. An "ON/OFF" switch must be mounted to the left side of the steering column on the dash/dash bar with the "OFF" in the down position.
- If windshield is removed. Windshield protection cannot be attached to the cage or drivetrain in any way. Windshield protection may be used in (2) ways:
 - Option 1:** (2) positions from roof to cowl of chain, cable, seat belt, or #9 wire.
 - Option 2:** (1) 2" x 1/4" maximum flat-bar must be used. Bar must be mounted using a

3" x 3" x 1/4" maximum mounting plate on the center of the roof to center of the cowl and must be within 4" from windshield lip edge on roof and cowl, bar may be welded or bolted. Do not get excessive!

- (1) automobile type battery allowed. Battery must be relocated to front passenger seat or front floorboard area or mounted in a steel tray on cage away from doors. Battery must be securely fastened and covered.
- #9 wire will be limited inside the car. Only (1) wrap per side in the back-seat area connecting the floor to the roof allowed.
- Driver's door protection is allowed to go up to 3" maximum past front door seams forward and 10" maximum past the B-pillar. The door protection overlap rule is for the outside of the door. If your door protection is inside the car then you must go by the cage rule. Driver door protection must be positioned in the middle of the door if it is located on the outside of the door (hip/abdomen height). If using separate pieces located inside the door, they must be 2 pieces built in an "X" fashion and attached securely using bolts, #9 wire, weld, or combination of all of these.
- **Driver door protection:** T-post is not allowed to be used as driver door protection. It is strongly suggested that drivers doors are foamed and have a plate on the outside if not running a cage. We cannot stress enough how important this rule is. If using channel, angle, or another similar material for exterior door protection, the ends of this material MUST be trimmed at an angle to stop ends from protruding and easily being ripped off or puncturing into other vehicles.

If you have any questions with the rules, CALL FIRST. Do NOT assume anything, do NOT play any grey areas. This should be a one-time-through inspection type build and if you are caught with several major issues, you will be loaded. PLEASE READ AND ADHERE TO THE GENERAL DEMOLITION DERBY RULES. All classes must follow those general rules as well. The official's decision is final. Call Logan Sorensen at 231-343-8868 for building questions.