

2021 TUFF TRUCKS RULES – STOCK CLASS

IF JMMP MAKES ANY CHANGES OR MODIFICATIONS TO THE RULES, IT WILL BE NOTED ON THE ENTRY BLANK, EVERY FAIR IN EVERY STATE HAS DIFFERENT RULES, MAKE SURE YOU READ THE ENTRY FORM - IMPORTANT: COVID REQUIREMENTS, please follow all State/CDC guidelines.

Explanation of Contest:

The Tough Trucks Stock Class contest is a timed obstacle course. The course design will vary at each event depending on the local terrain. Contestants should check the event schedule for Tough Trucks times.

Classification:

Tough Trucks vehicle classification will be determined at Tech Inspection. Officials will make the final decision on vehicle classification. Vehicle will have 1 classification per weekend and this classification may not be changed.

Vehicle Requirements:

The vehicle must be an ordinary 4-wheel drive truck or sport utility vehicle With the Intent of Being Stock. The vehicle must be owned and operated by a registered participant. No Spectator Vehicles Will Be Allowed.

Policy:

Must be a licensed driver and at least 18 years of age to participate in contest. No alcohol or drugs permitted. This policy will be strictly enforced and presence of alcohol or drugs will automatically disqualify the driver and vehicle from competition. Any participant who refuses to take a Breathalyzer test, or fails test, will be disqualified immediately by the Tech Inspector. It is mandatory that a licensed driver be seated in the normal driving position any time the engine is running, including pit area, staging lanes, turn around and return roads.

No high-speed driving or “hot-dogging” will be tolerated in the Tech or Staging areas. **NO WARNING WILL BE GIVEN.**

These actions are grounds for immediate disqualification of vehicle and driver by Event Management.

Management reserves the right to re-tech a vehicle for any reason and also reserves the right to disqualify or deny any driver the right to compete if management feels either is unsafe for any reason.

Officials decision on vehicle’s eligibility is final.

General:

Vehicle must be in overall good shape and safe operating condition.

Truck body must be firmly attached to chassis.

Loose objects must be removed from interior of truck & bed.

Each vehicle’s battery must be securely held in place. (No straps, rope, expand cords, etc.)

All Vehicles With Any Type Of Removable Top And All Open Vehicles Must Be Equipped With A 6-Point Roll Cage And Be Tied Into The Frame Of The Vehicle In No Less Than 4 Places. (This includes all Jeeps.)

Roll bars must be constructed of at least .090” steel tube with a minimum diameter of 1 1/2” (exhaust pipe tubing will not be acceptable). Bends must be continuous round with no sharp corners or edges.

Must have front and rear tow hooks with keepers. No trailer hitches. Vehicle **MUST** be equipped with a working transmission neutral safety switch, and operable forward and reverse.

Vehicles must have glass side windows rolled down completely during competition.

Driver Safety:

Driver must wear a safety approved full-face helmet manufactured no earlier than 2005, long pants and a sleeved shirt (i.e., no tank tops). Each driver must provide his/her own helmet.

A safety approved neck collar is required. Each driver must have a minimum of a 4-point harness with his/her own neck collar.

Each vehicle will be required a 2 shoulder straps and a lap belt. A "Y" styled RACING harness will be accepted.

All harness mounting brackets should be attached directly to the frame or chassis of truck and installed to limit the driver's body travel both upward and forward. Do not mount to sheet metal floorboards. **Under No Circumstances Are Bolts To Be Inserted Through Belt Webbing.**

Drivers must stay on designed course or may be disqualified.

Driver's hands and feet must be inside the drivers' compartment at **ALL TIMES** while competing.

Engine:

Maximum of single 4-barrel carburetor, naturally aspirated (factory options allowed). No superchargers/turbochargers allowed.

Fuel:

1. Gasoline and diesel fuel only. (you can use E85)
2. If vehicle is capable of running nitrous, the bottle must be removed and lines disconnected at the solenoid.

Brakes:

Factory system must be in good condition and fully operational.

Chassis/Suspension:

1. Suspension system must be stock factory or acceptable OEM replacement.
2. Aftermarket lift kits acceptable.
3. Front suspension is only allowed a maximum of 2" block.
4. Must have a stock chassis.

Tires:

D.O.T. only. No recaps or tread alterations.

Body:

Full body is required and must retain truck appearance. Windshield, grills, and headlights optional.

Tough Trucks Payout: SEE ENTRY

2021 TOUGH TRUCK RULES – MODIFIED CLASS

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Explanation of Contest:

• Modified Tough Trucks is a side-by-side, bracketed contest on an obstacle course. The course design will vary at each event depending on the local terrain. The course is designed to challenge the driver's skills. Contestants should check the event schedule for Tough Trucks times.

Classification:

Tough Trucks vehicle classification will be determined at Tech Inspection. Officials will make the final decision on vehicle classification. Vehicle will have 1 classification per weekend and this classification may not be changed.

Tough Trucks Awards: Modified, SEE ENTRY

All Payouts over \$600 must provide social security # prior to being paid.

Vehicle Requirements:

The vehicle must be an ordinary 4-wheel drive truck or sport utility vehicle. The vehicle must be owned and operated by a registered Jamboree participant and that participant must pay the \$15/show NMRO fee. **No Spectator Vehicles Will Be Allowed.**

Policy:

1. Must be a licensed driver and at least 18 years of age to participate in contest.
2. No alcohol or drugs permitted. This policy will be strictly enforced and presence of alcohol or drugs will automatically disqualify the driver and vehicle from competition. Any participant who refuses to take a Breathalyzer test, or fails test, will be disqualified immediately by the Tech Inspector.
3. It is **mandatory** that a licensed driver be seated in the normal driving position any time the engine is running, including pit area, staging lanes, turn around and return road.
4. No high-speed driving or "hot-dogging" will be tolerated in the Tech or Staging areas. **NO WARNING WILL BE GIVEN.** These actions are grounds for immediate disqualification of vehicle and driver by Event Management.
5. Management reserves the right to re-tech a vehicle for any reason and also reserves the right to disqualify or deny any driver the right to compete if management feels either is unsafe for any reason.
6. Officials decision on vehicle's eligibility is final.

General:

1. Vehicle must be in overall good shape and safe operating condition.
2. Truck body must be firmly attached to chassis.
3. All loose objects must be removed from interior of truck and bed.
4. Each vehicle's battery must be securely held in place. (No straps, rope, expand cords, etc.) If the battery is mounted in a non-stock position, it must be completely covered or placed in a battery box.
5. See "Roll Cage" section.
6. Vehicles with doors removed and fiberglass bodies, must have door bars on driver's side only.
7. Must have front and rear tow hooks with keepers. No trailer hitches.
8. Vehicle **MUST** be equipped with a working transmission neutral safety switch, and operable forward and reverse.
9. Vehicles with permanent glass must have side windows rolled down completely during competition.
10. Vehicle must have rear kill switch.
11. All added weight must be painted white and securely fastened to the frame or chassis. (this will be enforced at tech inspections discretion) Any weights lost on track will result in an automatic DQ at race official's discretion.

Driver Safety:

1. Driver must wear an SFI 31.2 (closed face) helmet manufactured no earlier than 2005 and an SFI 3.2A/5 or greater **full fire suit**.
2. A safety approved neck collar is required. Each driver must provide his/her own neck collar.
3. Each vehicle will be required a minimum of a 5-point harness with 2 shoulder straps, a submarine belt and a lap belt. A "Y" styled RACING harness will be accepted.
4. All harness mounting brackets should be attached directly to the roll cage of the truck and installed to limit the driver's body travel both upward and forward. Do not mount to sheet metal floorboards. **Under No Circumstances Are Bolts To Be Inserted Through Belt Webbing.**
5. Driver's hands and feet must be inside the drivers' compartment at ALL TIMES while competing.
6. Must have a secure, 2 1/2 lbs. fire extinguisher, with a dial gauge on board, within reach of the driver.
7. Firewall and full floor (.030" minimum) are mandatory.
- 8. Window nets are highly recommended.**

Roll Cage:

- 1. All Vehicles With A Soft Or Removable Top Must Be Equipped With A 6-Point Roll Cage And Be Tied Into The Frame Of The Vehicle In No Less Than 4 Places. (This includes all Jeeps.)**
2. Roll bar must be mounted directly behind the driver's head.
3. Roll bars must be constructed of at least .090" steel tube with a minimum diameter of 1 1/2" (exhaust pipe tubing will not be acceptable). Bends must be continuous round with no sharp corners or edges.
4. All roll bars will have a 1/8" hole drilled and marked in an accessible location in order that wall gauge can be inspected.
5. If the roll bars are padded, the welds must be exposed for inspection.
6. Manufactured or purchased "show" or "dress" bars are unacceptable.

Engine:

1. No turbo/superchargers allowed. Naturally aspirated only.
- 2. Engine setback will be no more than 15% of the overall wheelbase. Setback is calculated from the center of the front axle or spindle to the forward edge of the engine block.**
3. Vehicle must have a complete firewall regardless of engine location.
4. Radiators not in stock mounting position must be securely mounted and are limited to electric fans only.
5. All water lines passing through the driver's compartment must be shielded.
6. All carburetors and fuel injection must be OEM or a throttle body unit.
7. At least two throttle return springs required.

Fuel:

1. All vehicles must be powered by gasoline or diesel fuel. Any method of artificially cooling or heating fuel is prohibited. (you can use E85 fuel)
2. No fuel lines will be allowed in driver's compartment
3. Any vehicle not using a stock gas tank in the original mounted position must have a fuel cell that is attached in a secure position, inside the frame rails. Any fuel cell must have an anti-spill valve. All fuel tanks must be isolated from the driver's compartment by a firewall, completely sealed to prevent any fuel from entering the driver's compartment. Insulated fuel tanks prohibited. When used, fuel cells must have a metal box protecting that part of the fuel cell that is outside of body lines or truck floor, excluding hose-connection area in rear.
4. Top 4 trucks will have their trucks impounded to Tech and have their fuel tested immediately upon completion of competition.

Exhaust:

Vehicles must be equipped with an exhaust system, but do not necessarily have to have a muffler.

Brakes:

1. All vehicles must have operable brakes on all 4 wheels.
2. Manually operated bias control, hydraulic staging are not allowed on any wheel.
3. Drive shaft brakes may be used in addition to the 2 wheel braking system.
4. Steering Brakes Allowed

Suspension:

1. Four-link suspension systems are allowed, front and rear.
2. Cantilever and/or compound suspension systems are not allowed.
3. Multiple shock kits and coil over shocks allowed. Maximum travel rating for shock not to exceed 14".
4. No shocks that can be adjusted while in motion are allowed.
5. No composite, fiberglass or quarter elliptical springs are allowed.
6. Shock mounting points may be strengthened, redesigned, and/or modified.

Wheels and Tires:

1. D.O.T. only.
2. No recaps or vulcanization. Alterations of tread design allowed.
3. No snap-on hubcaps or wheel covers allowed.

Body:

1. Must be truck or Jeep in appearance. All vehicles should have fenders and hoods.
2. **No Tube Frames.** Frames may be lengthened by adding material, but must retain stock configuration.
3. Frames may be altered from the front of the firewall to 6" past the rear of the driver's seat.
4. Homemade fiberglass or sheet metal bodies must retain stock configuration.
5. Hoods, fenders and/or bedsides must be in stock position. No narrowed vehicles.
6. Full flooring in the driver's compartment required. A metal firewall extending from door to door to 6" behind the driver seat (minimum .030" thickness).
7. Vehicles damaged due to accidents will be reviewed on a case-to-case basis.

Steering:

Front wheel steering only. Rack and pinion steering will be allowed. Mounting will be subject to inspection by Tech Officials. Hydraulic steering allowed but **MUST** have bypass on orbital box.

Driver seat can be relocated to center of vehicle if hydraulic steering is used.