

**SPRING MOUNTAIN SUPER TRUCK RACE SERIES
2010 RULEBOOK AND GUIDELINES
SHORT VERSION**

I have read the Rulebook.

Drivers Signature: _____

Date: _____

Keep a copy of this Rulebook with your vehicle log book. No pretense is made of having designed a fool proof set of rules and regulations.

The spirit and intent of the rules is going to be the standard by which **SUPER TRUCK** racing will be guided. Event officials are authorized to decide if any equipment change is an attempt to beat the rules. If there is a disagreement or dispute regarding the meaning or interpretation of the **SUPER TRUCK** rules, the track officials shall prevail.

IF THIS RULE BOOK DOES NOT SPECIFICALLY SAY THAT YOU CAN DO SOMETHING, THEN YOU MUST CONSIDER THAT THE CHANGE IS ILLEGAL!

Any questions about the legality of a change must be answered by a **SUPER TRUCK** official in writing and that decision is final. The trucks and engines are designed to remain in their original form, in which they were purchased new from **SUPER TRUCK, Inc.** **SUPER TRUCK** reserves the right to impound any truck and remove any component from your truck at any time. Any illegal assembly or component shall become the property of **SUPER TRUCK**.

If an illegal component is found, the component or assembly will become the property of **SUPER TRUCK, INC** and the driver may be fined accordingly. No fine will exceed \$5,000 dollars. If the driver refuses to surrender an illegal component or assembly, or to pay any fine, the driver (and possibly the truck owner) will be suspended from **SUPER TRUCK** competition indefinitely.

An assembly shall be considered a component that can be removed from a truck without disassembly, such as engine, transmission, and rear end.

THIS IS A "SPEC" RACING SERIES. THE INTENT IS TO HAVE ALL TRUCKS IDENTICAL SO AS THE DRIVER IS THE DETERMINING FACTOR AND RACING COST BEING CONTROLLED.

MOTOR ASSEMBLY:

Motors are sealed by ***SUPER TRUCK*** and may not be altered in any form.

Motor assembly is to remain as purchased from ***SUPER TRUCK***! Motor will be sealed by ***SUPER TRUCK*** or approved vendor. Any motor with a broken or tampered with seal will be subject to a complete inspection at owner's expense. In the event that a motor should need repair, it must be returned to ***SUPER TRUCK***, with seals intact, ***SUPER TRUCK*** is the only one allowed to repair and re-seal a damaged engine.

Motor assembly includes:

Carburetor
Intake manifold
Oil pan
Distributor
Balancer
Fly wheel
Fuel pump
Headers

Motor parts that can be changed:

Carburetor jets
Spark plug wires
Spark plugs
Power steering pump
Air cleaner
Oil sender
Oil filter
Thermostat
Water pump

IGNITION: STI/Mallory: STI #EN-0803, built in 6400 RPM maximum chip.

CARBURETOR: STI #EN-0801. Carburetor may not be modified in any way to flow more than 650cfm. Holley 650cfm 4 barrel. No polishing or porting.

TRANSMISSION ASSEMBLY: STI #TR-1500. Transmission assembly is to remain stock! Four (4) speeds, Super T-101 or Jerico WC4. Ratios must be: Super T-101: 2.64, 1.61, 1.23, 1.0 ratio. Jerico: WC4 2.60, 1.63, 1.23, 1.0 ratio. No modifications allowed.

DRIVE SHAFT: STI #TR-1530. Remain stock and painted white.

REAR END ASSEMBLY: STI: #RE-1119. Gear ratio: 3.25. Housing: not to exceed 60 inches overall length. No rear camber! Rear camber must be +/- .5 degrees from vertical. Third member must use full spools. No drilled axles. No modifications allowed.

BRAKES: Wilwood: front caliper #7429, rear caliper #7431. Brake pads any compound, any manufacture.

CHASSIS: All chassis's must be purchased from ***SUPER TRUCK*** and must remain stock. Frames may be repaired, if damaged, so long as they remain within ***SUPER TRUCK*** specifications. Specific specifications may be obtained from ***SUPER TRUCK*** in writing.

BUMPERS: May be reinforced (must use stock attachments)

BODY: Must remain in stock location and configuration, and carry a ***SUPER TRUCK*** identification label on all body parts. Body must remain complete.

SPOILER: STI# BO-0113. Spoiler not to exceed 6" in height

COOLANT: Antifreeze coolant not allowed. All trucks must have a coolant overflow tank, minimum capacity of 2 quarts. Water-wetter is allowed as per NASA.

SHOCKS: QA1 or any other manufacture not to exceed a retail price of \$2,000 for all four shocks. Chassis and rear end shock mounts MAY NOT be altered!

TIRES: Goodyear #2602 or the current ***SUPER TRUCK*** approved tire. Tires may not be cut in any way.

WHEELS: Wheels size 15 x10; Bassett Light Weight, #50L54. No wheel spacers. No air bleeders in wheel.

NUMBERS: Numbers must be 18 inches tall. One set of numbers on each door.

FUEL: The addition of any additives whatsoever to the fuel is illegal in ***SUPER TRUCK*** competition. (No fuel cooling devices.) All fuel is to be purchased at the track from Spring Mountain. A fuel sample device must be in place and accessible for technical inspection.

WEIGHT: Post race, 2600 lbs minimum with driver and gear.

THE FOLLOWING ITEMS HAVE NO RESTRICTIONS:

Safety equipment (Must at minimum meet NASA GCR.)
Brake cooling ducts
Radio equipment
Gauges
Data recording devices for testing only. Note: Must be disconnected during race.
Spring rates (single spring only)
Shock valuing
Steering box & pump (pitman arm must remain stock, pump & box must remain stock OEM type)
Tie rod location may be shimmed for bump steer
Body mounting method (body must remain in stock location and configuration)
Electrical wiring
Camber and caster (front only)
Brake pads
Brake balance bar adjuster
Master cylinder type and size
Seat mounting and safety harness. Any modification must be STI/NASA approved.
Upper A-arm may be shimmed up to 1 inch off mounting surface.
Steering wheel
Carburetor jetting
Alternators
Water pump (OEM type only, no electric pumps allowed)
Pulleys may be changed
Driver cooling ducts may be added
Any radiator cooling fan may be used
Heat insulating material may be added to headers and sheet metal
Engine breather with recovery bottles as per NASA. (No vacuum systems)
Openings in grill may be cut to allow air flow to engine compartment.
No frame height restriction
Side skirting
Nose skirting

If you want to make a change that is not on this list, it will be considered illegal unless approved in writing by SUPER TRUCK.

LICENSE:

All competitors will be required to conform to **SUPER TRUCK** and **NASA** licensing requirements to compete. If a driver is not deemed to be safe to other competitors by the event officials, he or she may be asked to start at the rear of the field or to withdraw from competition until the event officials feel he or she is not a safety threat to the other drivers.

PRIZE MONEY:

Competitors must display all **SUPER TRUCK** sponsor decals in proper location to be eligible for any prize or contingency money.

PROTESTS:

A competitor may anonymously protest any specific component on another competitor's truck. All protests must be in writing and must be filed within 15 minutes after the conclusion of the main event. The competitor filing the protest will be required to pay a protest fee to **SUPER TRUCK** officials in cash at the time the protest is filed. The amount of the fee will be determined by **SUPER TRUCK** officials based on the specific item being protested. After the inspection, if the protest is valid, the competitor filing the protest will have the protest fee returned in full. If the protest is found invalid, the competitor filing the protest will forfeit the protest fee and the competitor being protested will be compensated by **SUPER TRUCK** officials.

FINAL RESULTS:

Results are final 30 minutes after race! If there are any questions regarding your finishing position, you must take this up with **SUPER TRUCK** officials directly following the race. Once the final results are posted and there are no discrepancies, those results will be final.