

## **Full Throttle Motor Speedway @ Varney 2024 Fun Stock Rule Book**

**DISCLAIMER:** the rules and/or specifications set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. By making an application for a competitor permit, it is deemed that the competitor agrees to become familiar with these regulations and abide by the directions set forth and prescribed by management. No express or implied warranty of safety shall result from publications of, or compliance with these rules and/or specifications. They are intended as a guide for conduct of the sport and are in no way a guarantee against injury or death to participants, spectators or others.

### **THE INTERPRETATION OF THESE RULES WILL BE SOLELY THE JUDGEMENT OF THE TRACK OFFICIALS & TECH STAFF IN CHARGE AND THEIR DECISION WILL BE FINAL.**

- Any part of the car not specifically mentioned or covered in these rules must remain STOCK. Stock parts are those found in the OEM PARTS BOOK (original equipment manufacturer), not those found in high performance or off-road racing books.
- Any cars being checked will be allowed to have only one driver and 2 mechanics present in the tech area. Any harassment from any driver or crew member to the tech staff (or any other track official) may result in an automatic disqualification, thus forfeiting all money earned that night.

### **DISQUALIFICATION DECISION FOR ANY REASON WILL BE DEEMED FINAL.**

**DRIVER ELIGIBILITY:** Minimum qualification: drivers must be 12 years old or older before competing in the fun stock division. **GENERAL INFO:** the class is for people who don't want to spend a lot of time or money to go racing. Any driver that is considered to be driving in an unsafe manner will be disqualified and not allowed to continue. The safety of each car and all equipment is the complete responsibility of the driver/owner, and the driver/owner acknowledges this responsibility by participating in any activity at FTMS. All cars participating are subject to technical inspection. Any cars with illegal non-stock parts will be disqualified and could be subject to suspension or disallowed to race in this class indefinitely. No use of alcohol or drugs (drivers or crew). If you are not sure of anything on your car, check with an official before the race.

**TECHNICAL INSPECTION:** FTMS reserves the right to perform technical inspection on any car at any time. Any participant who refuses to allow tech officials to inspect their car will be subject to the following: disqualification from the event, loss of points and monies earned for the event, subject to suspension or disallowed to race in the class indefinitely. Participants found to be illegal and disqualified during technical inspection shall be subject to the following: disqualified and could be subject to suspension or disallowed to race in this class indefinitely, loss of points and monies earned in that event, if found illegal on a double feature, the car will be declared illegal for both races and will not receive points or monies earned for that event. A second infraction for deemed illegal or technical issues will result in the following: disqualification from that event, loss of points and money earned for that event, **TOTAL LOSS OF ALL ACCUMULATED POINTS TO DATE. THE SPEEDWAY RESERVES THE RIGHT TO CONFISCATE ANY ILLEGAL COMPONENTS AT ANY TIME.**

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**SAFETY:** An approved DOT SNELL SA2015 or better helmet must be worn in all race events. Helmet must be in good condition. Eye protection must be worn if the helmet has no visor. Must have 4 point racing belts in good condition (5yr expiry). Racing window net mandatory with quick release. Racing gloves are mandatory. Racing flame retardant suit is mandatory. All cars must have a push off pull on type switch to shut off the electric fuel pump mounted on the roof, or where a track official can reach it if the fuel pump is not run on a stock relay. All cars must have a charged fire extinguisher securely mounted. Head and neck restraint recommended (30lb weight break for approved neck restraint). Full containment seat recommended (20lb weight break for approved seat).

**RADIO:** one way radios are mandatory. Two way radios are not allowed

**ROLL CAGE:** minimum 4 point roll cage mandatory. Must be minimum 1 3/4" x .095" round tubing welded to 2" x 2" x .100" square tube or minimum 1 3/4" x .095" round or 6" x 6" x 3/16" plate welded or bolted to floor with minimum four 7/16" bolts with large washers. Cage must have a horizontal minimum 1 3/4" x .095" bar behind the seat and horizontal dash bar. Two driver door bars a minimum of 1 3/4" x .095" is mandatory with stock inner panels or three door bars with two vertical bars between door bars with the inner panel removed. Minimum two door bars on passenger side or X to front and rear uprights. All welds must be complete around bars. Rub rails are allowed on the driver and passenger doors. Maximum 1" x 2" x 3/16" rub rail bolted with a minimum of 8 bolts. Bolts must be a minimum of 7/16" or 1/2" carriage bolts. Must be bolted tightly to the body with large washers. Bars must be padded where driver contact may occur. Front hoop allowed - must be welded to the roll cage. Maximum 1 3/4" x .095" round. All bars must be under the hood or bumper. Rear hoop allowed - must be welded to the roll cage.

**CARS PERMITTED:** 1984 and newer FRONT WHEEL DRIVE STOCK 3 AND 4 CYLINDER CARS. any 2 door, 4 door sedan, hatchback or wagon. **NO CARS OVER 180HP**, NO TURBO CARS, NO SUPERCHARGED CARS, NO ROTARY ENGINE CARS, NO DOHC VTEC, NO VANS, NO TRUCKS, NO CONVERTIBLES, NO REAR WHEEL DRIVE. 4 WHEEL DRIVE CARS WILL BE ALLOWED WITH THE REAR DRIVE SHAFT REMOVED.

**BODY:** Doors must be welded or bolted. Hood pins required for quick access. Factory latch must be removed. No gutting of hood, trunk lid/hatch, roof or any interior metal. Sunroof must be replaced with metal. Bumpers can be from another car but cannot be wider than the original bumper (no sharp edges). Front and rear bumpers must have stock appearing plastic covers and must be securely fastened. Rear bumper can be tubing, and must have a stock appearing cover. Wheel arches can be trimmed for wheel clearance. All glass and flammable material must be removed with the exception of the windshield, dashboard (can be removed or remain), and a stock steering column only. Quick release steering wheel will be allowed. All taillights, headlights, and trim must be removed. Paint and numbers must be neat. Clear sharp numbers with contrasting colors only. No silver or gold numbers. No messy spray bomb numbers. No vulgar writing or pictures allowed. Rookie drivers with less than one season of stock car racing experience must run a minimum yellow 1 1/2" x 12" horizontal stripe on the trunk lid or hatch.

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**WINDSHIELD:** Stock windshield allowed, or can be replaced with minimum 1/8" Lexan

**BATTERY:** Can be moved and must be securely mounted to the floor with a minimum of two 7/16" threaded rods with large washers with a strong flat bar across the top of the battery. Must be in a spill proof container or covered with an airbag, if in the interior of the car. If the battery is not secure it will have to be moved under the hood.

**FUEL TANK:** Gas tank in original position under rear floor allowed. Must have secure straps and no leaks. Extra straps or skid plate recommended. Gas tank that is under the trunk floor must be replaced with a steel fuel tank with a maximum capacity of 8 gallons or racing fuel cell. Must be placed in the trunk. Must be securely mounted with a minimum of two straps 1" x 1/8" bolted to the trunk floor. Must have a 22 gauge steel firewall between driver and fuel tank or fuel cell. Rear hoop allowed, must be welded to the roll cage. NO STOCK TANKS IN THE TRUNK. Will be allowed only if it comes stock. Rubber fuel line cannot run inside the car interior. No leaking fuel lines. Steel fuel filters only. NO plastic filters.

**BRAKES:** Brakes must be working on all 4 wheels. No drilled or slotted rotors. Performance brake pads and brake shoes allowed, cannot be modified. Brake ducts allowed. No brake fans. Metal cooling fins allowed behind rims. NO BRAKE SHUT OFFS.

**WHEELS AND TIRES:** Any stock offset steel or stock offset aluminum rims, 7" racing rim allowed on the right front no less than 4" backspacing. Maximum 6.5" rim measured bead to bead. 13", 14", 15", or 16" rims and tires allowed. 55, 60, 65, 70, or 75 series tires only. \*any car 100 lbs over minimum weight will be allowed 50 series tires\*. Must be 400 or more tread wear rating. No snow and ice tires. No racing tires. No tires shaving, grooving or siping. Hubcaps and wheel weights must be removed.

**SUSPENSION:** Springs, shocks, steering, and bushings must be stock or stock replacement. No poly bushings. Springs must be equal side to side. One new and one old spring will not be allowed - replace in pairs only. No lowering springs, no cut springs, no modifying springs. Sway bar links and bushings must be stock and the same left to right. \*camber maximum on right and left front 2" measured at top and bottom of the rim with a level. Minor modifications or smaller grade 8 bolt spindle or camber kit or offset ball joint allowed to achieve camber on the front. Camber maximum on left rear and right rear 1/2 " measured at top and bottom of the rim with a level to allow for damaged or bent parts ( pre race ). Damage during the event more than 1/2" will have to be repaired for the following week. Caster must be within stock adjustments. \*one rubber spring spacer per corner allowed\* All suspension must be stock with no modifications or racing parts. Weak parts can be reinforced.

**COOLING SYSTEM:** No antifreeze. WATER ONLY. Cooling system must be flushed with water. Any automobile radiator allowed. No racing radiators. Any electric fan allowed. Two horizontal maximum 2" tubing allowed at the front of the radiator with two vertical supports. All bars must be under the hood or bumper. Front hoop allowed and must be welded to the roll cage. Maximum 1 3/4 " x .095 round. All bars must be under the hood or bumper.

**ENGINE:** MUST BE STOCK 3 OR 4 CYLINDER ONLY. NO MODIFICATIONS. NO PERFORMANCE PARTS. No turbos, superchargers, rotary engines, dohc vtec allowed. Must have an air filter element. Aftermarket performance

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filters, cone type filters and cold air tubes allowed. Stock ECM only. No modifying or reprogramming. ECM can be claimed by the track. If ECM is modified, reprogrammed or claim is refused, car and driver will be disqualified from that night's racing events (no points, no payout) and may be subject to a monetary fine and/or suspension as determined by FTMS Officials. ECM can be exchanged by an official at any time.

**TRANSMISSION:** Stock transmission for year, make, and model. Manual or automatic for the year, make and model only. Gears must be stock for year, make and model. No lightning or flywheel clutch. 50lbs weight break for automatic transmission.

**DIFFERENTIALS:** Stock only. No locked differentials.

**WEIGHT:** Minimum weight with the driver after the race. Cars with:

Under 100hp - 2000lbs

101 - 110 hp - 2100lbs

111 - 120 hp - 2200lbs

121 - 130 hp - 2300lbs

131 - 140 hp - 2400lbs

141 - 150 hp - 2500lbs

151 - 160 hp - 2600lbs

161 - 180 hp - 2700lbs

#### **CARS OVER 180HP ARE NOT ALLOWED.**

Horsepower as per manufacturer's specifications.

- 50lbs weight break for automatic transmission

- 30lbs weight break for approved neck restraint.

- 20lbs weight break for approved full containment seat.

Cars can be no more than 54% left side weight. For every 50lbs over minimum weight, 1% more left side weight will be permitted.

All weight will be in ballast blocks of no less than 5lbs and must be securely attached with a minimum of 2 bolts and no lower than the floor.

After 2 feature wins a handicap weight of 50lbs will be added to the right side of the car center of the wheelbase and to the far right inside of the rocker panel, and cannot be lower than the floor. If the driver changes to a different car, they will still have to run the weight handicap. Every feature win after will add a 25lbs weight handicap to the right side of the car center of the wheelbase and to the far right of the inside of the rocker panel. **MAXIMUM HANDICAP WEIGHT 150LBS**, Minimum weight of the car will go up with each added weight handicap. Regular points nights only and may be removed for invitational races.

No gutting metal out of the car. If 3 door bars are installed, the steel door panel can be removed.

**ALL DECISIONS BY ANY FTMS OFFICIAL WILL BE FINAL. ALL RULES ARE SUBJECT TO INTERPRETATION BY FTMS OFFICIALS. RULE BOOKS WILL BE ISSUED TO ALL MEMBERS AND CAN EASILY BE FOUND ON THE WEBSITE AT ANY TIME. (fullthrottlemotorspeedway.com) ALL EQUIPMENT NOT GOVERNED BY THE AFOREMENTIONED RULES ARE TO BE SUBMITTED TO FTMS NO LESS THAN 30 DAYS PRIOR TO THE DATE OF INTENDED USAGE. NO EQUIPMENT WILL BE CONSIDERED APPROVED BY REASON OF HAVING PASSED THROUGH TECH INSPECTION UNOBSERVED. RULES APPLY TO ALL RACING EVENTS.**

Transponder Location: 90" from the front of the car. Must be mounted facing downwards.