

# **Full Throttle Motor Speedway @ Varney**

## **2024 Crazy Trains Rule Book**

### **LEAD TRAIN VEHICLE**

The lead vehicle must be able to pass post-race tech inspection as a legal race vehicle. Open to any North American car, 2 door, 4 door, or station wagon or 2-wheel drive pick up truck. Lead vehicles must use stock components that are compatible with lead vehicles and pre approved with tech. Headers with 96 decibel mufflers will be allowed. Older or newer engines from the same manufacturer of the same size or smaller may be used with prior approval from tech but must remain stock.

### **SECOND AND THIRD TRAIN CARS**

A 1 3/4" round tubing only 6-point roll cage is mandatory and must follow the same roll cage build rules and 2022 safety requirements as lead vehicles.

### **BODY APPEARANCE**

Body must be stock appearing, in stock position on the frame on stock rubber mounts. All moldings, ornaments, door handles, glass, and plastic components must be removed except the grill and windshield. Outside scrub rails allowed. Driver's door must be reinforced with a 1/8" flat steel plate between the cage bars and door skin. Roof panels must remain stock (no gutting or trimming). No aluminum body panels. Inner door panels should be stock. If door skins or fenders are replaced with body steel, they must be stock. Race cars participating in racing events must be complete, stock appearing and presentable at all times. The tech official at any event may reject cars that are considered improperly prepared. Cars that are considered unsafe to driver, competitors, staff or fans will be rejected and not allowed on the track. No shortening or lengthening of cars. Absolutely no screws are allowed anywhere on the race vehicles.

### **BRAKES**

Stock front and rear brakes in good working condition are mandatory and are subject to test and inspection. Pedal must be in its original position. All three cars must have working brakes.

### **BUMPERS**

Stock bumpers must be mounted in stock location, front and back. All bumpers must be fastened so they will not fall off or have any sharp edges (suggest metal straps be welded to the frame horns and then to the bumper). Homemade bumpers must not exceed stock dimensions and height for the make and model of the vehicle being used, no exceptions. No plastic bumper covers.

### **DOORS**

Must be welded or bolted securely. Doors cannot be cut down. Steel tubing (1" x 3") side scrub rails with tapered ends and mounted 24" off the ground mounted with carriage bolts only, running from wheel well to wheel well on both sides of each train vehicle are mandatory.

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### **FIRE SAFETY**

Cars must have a working and approved fire extinguisher mounted in a secure mounting bracket and within driver's reach with seat belts fastened in all 3 cars. Fire extinguisher must have a gage and if the extinguisher is older than 3 years, it must have a recharge slip dated within 1 year. All lead cars must have 2 kill switches (one on each side of the vehicle), that are within reach of the safety crew. Kill switches are to be clearly marked on/off. A driver's fireproof racing suit, shoes and gloves with a recommended rating of SFI 3.2A/1 or better is mandatory for all train car drivers. Approved head and neck restraints are mandatory for all train drivers and worn at all times.

### **INTERIOR**

All flammable material must be removed and stock dash (dash optional). A manufactured aluminum racing seat must be used and must be securely bolted to the roll cage. Seat must be positioned completely to the left of the centerline of the car. A solid headrest is mandatory and is subject to testing. Interiors must be vacuumed out, free of glass, screws, rivets, and other debris.

### **PAINT AND LETTERING**

All cars must be neatly and brightly painted. Numbers and names assigned must be painted legible on the roof and doors in minimum 24" high and 2" wide on all 3 train cars. Numbers to be read from the right side in a color offering distinct contrast to the color of the car.

### **ROLL CAGE**

A full 6-point roll cage with upper halo is mandatory for all crazy train vehicles. The minimum cage with 4 door bars on the driver side and 3 on the right side or "X" and gussets will be the only cage accepted and approved by tech officials. The cage must be constructed of 1 3/4" O.D. 0.095" wall round tubing only. Unibody cars must have a 12" x 12" x 3/16" plate under the uprights and support bars, or the uprights must be attached to the sub frame. Unibody cars must also have a bar running horizontally between the rear uprights at floor level. Minimum 3" clearance recommended between driver's helmet and overhead roll bars and fireproof padded. All welds must be fully electric or mig welded. No pipe fittings allowed. No heating of tubing to form bends. All joints must have gussets. Safety padding on all bars and sharp objects is mandatory for anything within 12" of the driver belted in seat for their protection.

### **RACING SEAT BELTS**

Current seat belts are mandatory (5 years). Seat belts must be securely mounted to the roll cage frame structure with minimum 1/2" grade 8 bolts. If lap or sub belts cannot be securely mounted to the frame, original counts or cage, then 3" washers must be used on the mounts to prevent pulling through. All bolts' mounts must be double nutted. Ensure that belts are not pinched when mounting them.

### **SAFETY HELMET**

A Snell SA2015 or newer approved racing safety helmet must be worn in all practice and race events and until the car is parked in the pit area.

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### **WINDSHIELD AND WINDOWS**

All windows must be removed except for the full front windshield. Windshield must be Lexan or heavy gage wire mesh. Two safety bars must be installed. If the windshield moulding is removed, four windshield retaining clips must be installed. A working driver's window net with a quick release is mandatory.

### **DRIVERS**

All drivers must be 2024 FTMS registered and sign in with the speedway so we know who is in what car. Drivers under 18 years old must have a consent waiver form with signatures from both parents or guardians before any competition is allowed.

### **COMMUNICATION**

Lead driver must use a one-way radio with track communication.

### **JOINING OF TRAIN CARS**

All 3 cars must be joined together with chain, leaving no more than 3 feet between each car.

### **MIRRORS**

Due to the now mandatory head and neck restraints, side mirrors will be permitted, and allowed on the driver's and passenger side a-pillars. A rear-view mirror is permitted as well. All mirrors must be mounted inside the vehicle, no exterior mirrors will be permitted. Please note, the purpose of mirrors is to prevent damage to your car and other cars. Anyone using mirrors to block or damage other cars will be subject to disqualification, and will forfeit all points and monies earned for that event.

### **QUALIFIED CARS**

Teams may not borrow any lead car, and their lead car must race in the feature. Second and third cars can be replaced with properly prepared cars throughout the race night. You cannot use another complete set of trains.

### **TIRES**

DOT rated tires only. Tires and rims must be within factory size and widths for the vehicle being used. Racing rims allowed. All wheel nuts must be on and tightened at all times.

### **VEHICLE APPROVAL**

As of 2020, all FTMS crazy trains must be pre approved and pre safety inspected. Any 2024 crazy train vehicle must have an authorized tech inspection by appointment only at no cost prior to competition at the track. No trains will be allowed entry to the speedway without going through pre approval. Note: there is no grandfather clause or previously used clause or rule that will allow crazy trains to compete unapproved in 2024.

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### **GENERAL TRACK RULES**

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 FTMS. no expressed or implied warranty of safety shall result from publication of, or compliance with these rules and/or specifications. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants, spectators, or others.

### **RULE AMENDMENTS AS OF JUNE 4, 2022**

1. A SNELL SA2015 OR NEWER APPROVED RACING SAFETY HELMET MUST BE WORN IN ALL PRACTICE AND RACE EVENTS AND UNTIL THE CAR IS PARKED IN THE PIT AREA. OTHER APPROVED SAFETY RACING EQUIPMENT THAT WILL BE MANDATORY INCLUDES: GLOVES, RACE SUIT, AND SHOES.
2. LEAD DRIVER MUST USE A ONE WAY RADIO TO ENSURE COMMUNICATION WITH TRACK OFFICIALS.
3. ABSOLUTELY NO BURNOUTS.
4. ABSOLUTELY NO FIREWORKS.
5. ROUGH DRIVING WILL RESULT IN A FULL DQ FOR THAT RACE.
6. FIGHTING AT THE SPEEDWAY WILL RESULT IN A ONE YEAR MINIMUM BAN, AND WILL BE AT THE TRACK OFFICIALS' DISCRETION.
7. FAILURE TO OBEY THE BLACK FLAG WILL RESULT IN A DQ FOR THE RACE.
8. FAILURE TO OBEY A RED FLAG WILL RESULT IN A FULL DQ FOR THE NIGHT AS WELL AS A ONE WEEK SUSPENSION.
9. EXITING THE RACE SURFACE TOO FAST WILL RESULT IN A FULL DQ FOR THE NIGHT.