

Train Rules

Last Revised: 02.05.2026

*** Please refer to general rules and regulations applicable to all divisions***

1. CAR & BODY REQUIREMENTS

- 1.1 Lead car must have an easily identifiable 30-inch number on it.
- 1.2 Trains may carry names, sponsors, or unique features, but these cannot interfere with reading the number(s) from the scoring tower or be offensive.
- 1.3 Lead car: any **Full Frame Car** with a minimum wheelbase of 114 inches.
- 1.4 Center and rear cars may be **Any Chassis.**
- 1.5 No reinforcement behind front bumper on lead car; bumper must be steel and factory-appearing.
- 1.6 Cables/chains may secure bumper to frame.
- 1.7 No sheet metal removal except grill; fenders must remain unaltered.
- 1.8 Damaged cars may be altered with CNS Tech Officials' approval.
- 1.9 Distance between cars: not to exceed 30 inches.
- 1.10 No brakes on lead car; only rear car may have brakes.
- 1.11 All hoods, deck-lids, and doors must be welded, bolted, or chained shut.
- 1.12 Remove stock seats, upholstery, glass, chrome, grills, lights, hubcaps, exhaust, or anything that may come loose.
- 1.13 Towing devices extending more than 4 inches forward must prevent hitch from contacting track if separated.
- 1.14 Hitch must maintain minimum 8 inches from ground when dropped.
- 1.15 Whip chains/cables must be twice the length of the hitch.
- 1.16 Center cars cannot have continuous tubing or reinforcement front-to-back.
- 1.17 Door deflector plates recommended.
- 1.18 Front and rear cars: aluminum racing seats only (no fiberglass), mounted to roll cage, minimum 8 inches from left door bars, with head restraints on both sides.
- 1.19 Windshield area: minimum three 5/16-inch vertical bars in front of driver.
- 1.20 Lead car must have a 3-inch amber light across top front, working at all times.
- 1.21 **All train cars must have 12 wheels on the ground.**
- 1.22 All 3 train cars must be connected and operational at finish to be scored.
- 1.23 Stock springs and shocks in stock location on all 8 wheels; one shock and spring per wheel.
- 1.24 Front car: max front wheel camber = 8° positive.
- 1.25 No steering dampening devices.
- 1.26 Radiator mounted in front of engine; may use two 1-inch steel supports.
- 1.27 Front hoops allowed in lead car only; cannot extend past radiator.

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2. WHEELS / TIRES

- 2.1 Street tires only; no racing tires (Recaps, Hoosier, etc.).
- 2.2 Max wheel width: 8 inches; tire width: 8.5 inches max.
- 2.3 Tread measured by rolling car through water at 30 psi.
- 2.4 Tire treatment on CNS property prohibited.
- 2.5 No water-filled tires; no wheel weights.

3. BRAKES

- 3.1 Only rear car may have brakes; no braking devices on middle or front car.

4. ENGINE REQUIREMENTS

- 4.1 Engines remain stock except carburetor.
- 4.2 If engine remains in rear car, intake and carburetor must be removed.
- 4.3 Stock cast iron exhaust manifolds only.
- 4.4 All engines must start under own power; battery securely fastened and covered.
- 4.5 Intake manifold may be machined internally up to 2" from top.

5. CARBURETOR

- 5.1 Must meet Holley specs:
- 5.2 Stock Holley #R4412 2-bl 500 cfm only.
- 5.3 No polishing, grinding, drilling.
- 5.4 Choke blade/rod may be removed.
- 5.5 Booster size/shape unchanged.
- 5.6 Booster height stock.
- 5.7 Jets any size.
- 5.8 Venturi unchanged.
- 5.9 Casting ring visible.
- 5.10 Base plate unchanged.
- 5.11 No holes drilled in base plate.
- 5.12 Stock butterflies not thinned/tapered.
- 5.13 Screw ends may be cut even with shaft; heads remain stock.
- 5.14 Throttle shaft standard.
- 5.15 One-piece metal spacer max 1" allowed; no tapering/beveling.
- 5.16 Max gasket thickness: .065.
- 5.17 One round dry paper air filter only.

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- 5.18 No electric fuel pumps.
- 5.19 No cool air boxes.

6. FUEL SYSTEM

- 6.1 Racing fuel only, purchased from CNS.
- 6.2 No additives or oxygen compounds.
- 6.3 Fuel cell: max 22 gallons recommended; securely fastened with steel straps/chains.
- 6.4 Trunk separated by steel firewall.
- 6.5 Fuel lines: steel or steel braided; neoprene for connections only.
- 6.6 No electric pumps; no glass/plastic filters.
- 6.7 Fuel cells must have flapper/check valve.
- 6.8 Stock fuel tanks not allowed.

7. EXHAUST

- 7.1 Mufflers mandatory; 95 dba or less enforced.
- 7.2 Mufflers securely mounted; unused exhaust removed.

8. MIRRORS

- 8.1 No mirrors allowed.

9. Safety Requirements

Roll Cage

- 9.1 All roll bar material must be mild steel, 1 3/4inch O.D. x .090 wall or thicker. No pipe-fittings, No gas welding. Welds must run the full 360 degrees around each joint.
- 9.2 Roll bar must be a 4 post design and must be located directly behind the driver and forward to the 'A' pillar. The roll bar must be back-braced from the top of the bars to the rear of the frame.
- 9.3.1 Roll bar members may attach to either the frame or the floor. Roll bars may not be installed so that they effectively connect the front and rear stubs. For floor installations, attach members to 1/4inch x 8 inch x 8 inch or larger steel plates securely bolted or welded to the floor.
- 9.3.2 "Petty" bar may be installed and attached forward to the right 'A' post of the cage only.
- 9.3.3 Four horizontal door bars on each side must be used for driver protection, spaced equally apart. Driver's side deflector plates are required, located outside left door bars and foot protection

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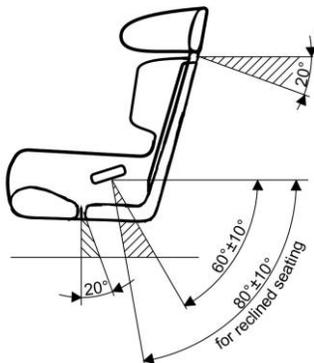
bars, minimum 1/8 inch steel plate welded to roll bars. Plating must meet Track Official's approval.

- 9.3.4 Front and rear hoops are allowed but cannot be outside of car body or rear filler panel. Hoops may not extend more than 2 inches in front of radiator. Factory radiator supports / bracing may only be removed to allow for front hoop installation. Radiator support is recommended if it is removed, a maximum of 1 inch tubing will be allowed for a support. For those cars without a front hoop, factory radiator supports / mounts must remain in place. Front hoops must be installed with rear bracing at an angle down to the frame horns. Front and rear hoop are permitted but are not allowed to connect to or pass through front radiator support or rear body panel.

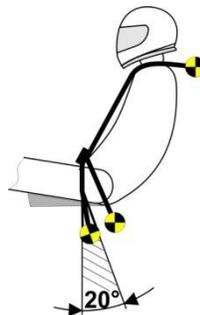
Seat Belts:

Nylon safety belts and harnesses are required. It is required that each driver be fastened in with at least a 5-point safety harness, including 3 inch wide lap belt, two(2) 3 inch wide over the shoulder straps (as it passes over the head and neck restraint device) and crotch straps. No sternum latches allowed. No "Y" or "V" belts allowed. All belts and harness apparatus must have the manufacturers date tag attached and dated from approximate time of purchase. Maximum usage is three (3) years from the date on the belt. It is highly recommended that any manufacturer's tags that pass under any adjuster be removed and kept for technical inspection. All belts must be installed in a manner so as not to contact sharp objects and must not have knots, twists or tears in the installation. All seat belts must be bolted solidly to the roll cage with approved eyelets designed for this purpose. Seatbelts that are contaminated by oils, greases, fuels will not be allowed. There cannot be any holes, tears or fraying of any belt. **Proper Seat belt mounting is depicted below and will be strictly enforced:**

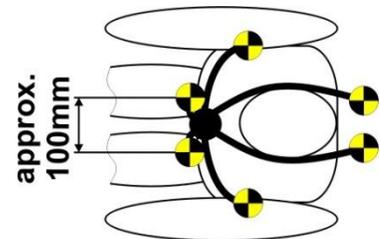
SAFETY BELT DIAGRAMS:



LAP BELT ANGLE



SHOULDER BELT ANGLE



SUB STRAP ANGLE

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Helmets:

Helmets must meet the specifications set forth in the Federal Motor Vehicle Safety Standard Regulations or meet the specifications set forth by the American National Standards Institute, Inc. Current specifications require that helmets meet a minimum of SA-2020 standard and that **NO** motorcycle approved helmets are used in automotive competition.

Fire Suits, shoes, and gloves:

All drivers must wear at minimum either a two-piece or one-piece single layer fire protectant uniform meeting current SFI-3 or better standards. Flame retardant undergarments HIGHLY recommended. Driving shoes and gloves are required and must meet current SFI and FIA standards. Rips and tears are not allowed on any aforementioned gear.

NO SCORING PROTESTS ALLOWED IN TRAIN DIVISION!