

## Dirt Devils

Must meet all Track Operational Rules and the following:

**CHASSIS:** 1999 or older front wheel drive 4-cylinder passenger cars. Other models may be approved by Speedzone Officials provided they are of the same body configuration. Full frame cars are prohibited. All wheel steering cars are prohibited. Engine and or parts replacement is permitted as long as the replacement is identical to the original. Installing a 4-cylinder engine in a model of car that did not come from the factory with a 4-cylinder engine is prohibited.

**BODIES:** Bodies must be in factory condition, NO modifications permitted. Bodies must be neat appearing. Bodies must be OEM steel or OEM replacement steel. After market or fabricated body parts are prohibited. Hood scoops are prohibited, unless they are OEM for body. Spoilers, air dams, and wings are prohibited. OEM dashboard may be removed. Wheel wells must be unmodified and may not have any sharp edges. The front of the cowl must seal to the back of the hood. Body panels damaged during an event must be repaired or replaced in a reasonable period of time. Cars with un-repaired or unpainted body panels may not be allowed to compete. The decision of Speedzone Officials about appearance is final.

Gutting of the interior sheet metal is prohibited. The floor pan, firewall, rear inner fenders, and trunk floor panels must all remain intact.

**HOODS:** Hood latch must be removed and 2-hood pin used. OEM hood hinges must remain intact. Rear trunk lids must be pinned or hatchbacks can be welded shut. No gutting of hoods, trunk lids, or hatchback doors. The "X" brace under the hood must be slit and may not be removed. All insulation must be removed from under the hood.

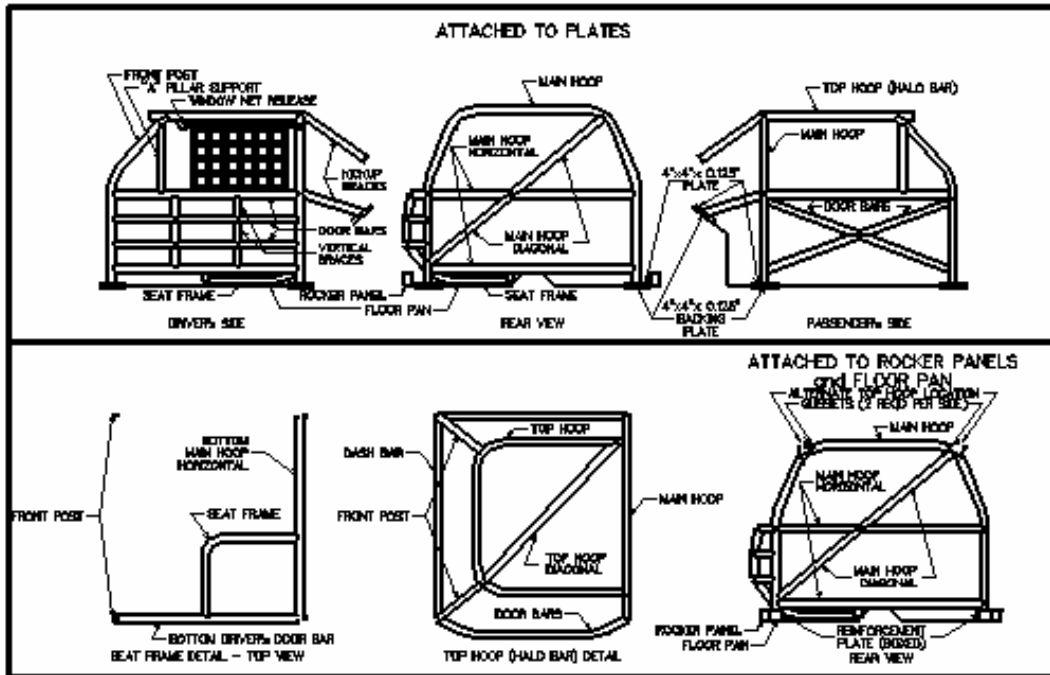
**BUMPERS:** Front and rear bumpers are to be chained or cabled to the frame and strapped to prevent the bumper from hooking. Strapping approval is up to the discretion of the inspector. Car must have a wrecker tow chain or cable on the front and back of the car. This tow chain must be available to wreckers.

**DOORS:** All doors must be welded shut at both the front and rear edge of the door, including any hatch door. Drivers door may be gutted to allow room for roll gage. Bars must be flush with outer door skins. No gutting of the interior of the passenger door. Rub rails are prohibited.

**FIREWALL:** All holes in the front firewall and floorboards must be covered with sheet metal. Approval is up to the discretion of the inspector.

**ROLL CAGE:** All roll cages must be acceptable to Speedzone Officials. All bends in the roll bar tubing must have a smooth radius without kinks. It is mandatory that all joints be gusseted. The roll cage must be a four-post design consisting, in general, of: a vertical main hoop; top hoop or halo bar; left and right front post and seat frame. Offset roll cages are prohibited. Laid-back roll cages are prohibited. The center of the main hoop may be located no further back than 2 inches from the top of the parting line of the back of the front door. The top of the top hoop must be within 1 inch of the bottom of the roof. The vertical main hoop must be welded either to the left and right rocker panels and floor pan, or a minimum 4"x4"x ¼" steel plate at the bottom of each leg of the vertical main hoop. A second 4"x4"x ¼" steel plate must be located under the floor pan and be connected to the main hoop plate by a minimum of four 3/8" diameter, steel, bolts. The main hoop must be located behind the driver and have a horizontal bar at the midpoint and bottom, parallel to floor pan. The main hoop must also be diagonally braced. All bars in the main hoop bar must be round steel tubing no less than 1½-inches in diameter (1¾-inches recommended) and have a minimum wall thickness of 0.095 inches. Gussets required at all major joints. DOM tubing recommended. Black pipe, exhaust tubing, formed pipe, etc. is prohibited. The top hoop must attach to the main hoop, and left and right front posts and be diagonally braced. The left and right front posts must be welded either to the rocker panels and floor pan, or a minimum 4"x4"x ¼" steel plate at the bottom of each post leg. A second 4"x4"x ¼" steel plate must be located under the floor pan and be connected to each post leg plate by a minimum of four 3/8" diameter, steel, bolts. The rocker panel where the main hoop, and left and right front posts attach must be reinforced with a minimum of ¼ inch steel plate. A horizontal "dash" bar must connect the left and right front posts. The top hoop, and left and right front posts and dash bar must be round steel tubing no less than 1½- inches in diameter (1¾- inches recommended) and have a minimum wall thickness of 0.095 inches. "A" pillar supports are allowed. The driver's side front post must be connected to the vertical main hoop by three, or more, equally spaced, horizontal bars, mounted flush with the outer door skin. The door bars must be connected by two, or more, equally spaced vertical braces and must attach to the main frame by two, or more, equally spaced vertical braces. A foot protector bar is allowed and recommended. All driver side door bars and braces must be round steel tubing no less than 1½- inches in diameter (1¾- inches recommended) and have a minimum wall thickness of 0.095 inches. The complete driver's side door bar area must be plated with steel plates no less than 0.095 inches thick. The seat frame must attach to the lower main hoop horizontal and bottom driver's side door bar. The seat frame must have a minimum wall thickness of 0.095 inches. The passenger side must be equipped with a minimum of three door bars. Two of the bars may be "X" design. Horizontal bars must be equally spaced and connected by two, or more, equally spaced vertical braces. All passenger side door bars and braces may be round steel tubing no less than 1½- inches

in diameter (1¼-inches recommended) and have a minimum wall thickness of 0.083 inches. The main hoop must be connected to the floor pan by a minimum of two rear support bars. The rear support bars must be located at the centerline of the rear axle, or a maximum of 6 inches forward of the rear axle. The rear support bars must be welded either to the floor pan, or a minimum 4"x4"x ¼" steel plate at the bottom of each support bar. A second 4"x4"x ¼" steel plate must be located under the floor pan and be connected to support bar plate by a minimum of four 3/8" diameter, steel, bolts. The bars must be round steel tubing no less than 1½-inches in diameter (1¾- inches recommended) and have a minimum wall thickness of 0.095 inches. All roll bars exposed to the driver, and left side door bars, must be padded. See diagram:



**STEERING WHEEL:** Stock steering wheel may be replaced with a quick release racing wheel, approved by Speedzone Officials. The center of the steering wheel must be padded.

**SEATS:** Aluminum racing seats required and must be securely fastened to roll gage. 5-point racing belts are mandatory and must be securely fastened to the roll cage per manufacturer's instructions and acceptable to Speedzone Officials.

All roll cages must provide 2-inches, or more, clearance, measured from the bottom of the top halo bar of the roll cage to the top of the driver's helmet, when the driver is seated and strapped in, with the helmet on and in the driving position.

**ENGINES:** Engine must be as factory produced in the body style and year of car without special order. This includes all electronic components. Turbocharged or supercharged engines are prohibited. Double overhead cam engines are prohibited. The displacement and compression ratio on all engines may not be altered from OEM for the make and model of car. All engine adjustments must be within manufacturer's specifications. Engine mounts must be unmodified OEM and the engine must remain in the stock location. All engine block markings must remain. Only unmodified OEM cast iron or forged steel crankshafts are permitted. The crankshaft must be for the make, model and year of block, and have been available in that body style without special order. Only OEM, standard type harmonic balancers and pulleys are permitted. Underdrive/overdrive pulleys are prohibited.

Only an unmodified OEM intake manifold is permitted. After market manifolds are prohibited. The intake manifold must be for the make, model and year of block, and have been available in that body style without special order. Grinding or polishing of the ports is prohibited. Chemical treating, acid dipping, acid flowing, abrasive blasting, addition of material, or other alterations to the original, as cast, intake manifold is prohibited. Only an unmodified OEM carburetor or fuel injection system for the make and model car is permitted. Throttle body may not be altered. Air intake system must remain stock for the car and unmodified. Fuel pressure may not be altered.

All cars must be equipped with an OEM air cleaner during competition. Forward intakes are not allowed. Cowl air induction is not allowed. Stock, unaltered, air box is required, must remain in stock location, and function. No devices for directing the flow of air into the air cleaner are permitted.

Stock unmodified OEM cooling system only. The cooling system must be for the make, model and year of car, and have been available in that body style without special order. Use of antifreeze is prohibited. Water wetter is permitted. All cars must be equipped with an approved overflow or catch tank. Factory catch tanks are permitted.

All cars must have a complete exhaust system and street legal muffler at all times. The maximum size of the exhaust system is 2 1/4 -inches, i.d. The exhaust system must contain a twenty four inch (24") length of 1 7/8 - inch, i.d., tubing. Replacement exhaust systems must be of the same configuration as the original system. Flexible exhaust pipe prohibited. Chemical treating, acid dipping, acid flowing, abrasive blasting, addition of material, or other alterations to the original, as cast, exhaust manifold is prohibited. All exhaust systems must extend past the driver and exit behind the car in the stock location.

**TRANSMISSIONS:** All transmission components to remain completely stock for year and make of car.

**ILLEGAL ENGINE COMPUTERS:** Any car suspected of having an illegal engine computer must surrender the race car to race officials to be checked when asked. If the computer is legal, it will be returned prior to the next scheduled Speedzone event. If the computer is found to be illegal, it will not be returned and the driver assessed a major rules violation. If the computer is found to be illegal, the driver will be responsible for all inspection costs. Inspection costs (including: towing, storage, diagnostic fees) must be paid in full before the race car is returned.

**GAS TANK:** If stock gas tank is factory mounted ahead of rear axle, it may remain in place. If stock gas tank is behind the rear axle, it may be replaced with a SFI approved fuel cell (maximum of 8 gallons) securely fastened inside a steel container. The fuel cell container must be a minimum of 22 gauge steel. Fuel cell must be secured by a minimum of 1 strap each direction (minimum total of 2). Straps must be minimum 1/8 x 1" steel with minimum 3/8" Grade 5 hardware with large head washers and mounted in the trunk. The trunk firewall must be sealed off and fuel cell covered. Fuel line must not be run through the interior of the car.

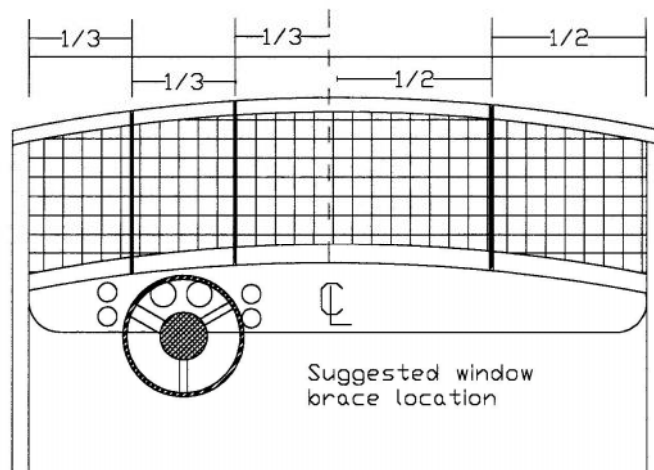
**WHEELS/TIRES:** Stock OEM steel or aluminum wheels only. All rims must be the same diameter and width. Steel wheels must be painted white or a bright color. Wheel studs must be at least flush with outside of lug nut. Broken studs and missing lug nuts prohibited. No wheel covers or mud plugs permitted. Wheel spacers are prohibited. Pressure bleeders are illegal.

Stock passenger tires only. Any four, equal size, DOT, street legal, 65 series, or taller tire. Tire size designation must be highlighted in a bright color, preferably white. No studded tires, or chains. Tire pressure must be 30 psi or greater. Adding an inner tube to the right front tire is recommended. Tire pressure may be checked anytime the car is in the pit area. If pressure rule is violated while car is in the lineup, the car will be required to start in the back of the race that night after tire is brought to 30 psi or greater.

**SUSPENSION:** Parts and location must remain stock, unaltered, OEM.

**BRAKES:** All four wheels must have working brakes.

**WINDSHIELD:** A reinforced, 1-inch or smaller, full width, steel wire mesh windshield screen is required or 1/8-inch thick polycarbonate for windshield. The screen wire diameter must be no less than 0.063 inches for mesh larger than 1/2-inch, or no less than 0.035 inches for mesh smaller than 1/2-inch. A minimum of three reinforcements must be installed behind the wire mesh or polycarbonate. Two of the reinforcements must be evenly spaced on the driver's half of the windshield opening and one reinforcement must be centered on the passenger's half of the windshield opening See diagram.



The reinforcements must be bolted or welded to the roof panel or roll bar and dash panel in an approved manner. Side door windows can be enclosed behind driver with polycarbonate. Rear window must remain open.

#### **MISCELLANEOUS:**

**Seat Belts and Shoulder Harness:** A quick release lap belt and double shoulder belt no less than 3 inches wide is mandatory. A 2-inch submarine belt is also mandatory. Seat belt and shoulder harness must be date stamped, 2006, 2007, or 2008 and be in good condition. Seat belt and shoulder harness must be installed according to manufacturer's recommendations. The belts and harness must be attached to the roll bar cage with Grade 5 or better hardware, no less than ½ -inch in diameter. If a driver's belts and harness become unlatched during an event, the driver will be black-flagged. Y Belts not allowed.

**Helmet:** A full face helmet and face shield that meets SA2000 Snell Foundation specifications is mandatory. It is recommended that a driver wear a fire retardant head sock. A neck collar is optional. Drivers not wearing a neck collar will be required to wear a fire retardant head sock. Head and neck restraint recommended.

**Drivers Safety Gear:** SFI approved driving suit and gloves without rips and tears mandatory while on the track. It is recommended that the suit be double layer, or single layer with fire retardant underwear. Mandatory fire retardant racing shoes or leather shoes with fire retardant socks. Canvas type shoes (i.e. athletic shoes) are not acceptable.

**Mirrors:** Mirrors are prohibited.

**Two Way Radios:** All in-car communication devices are prohibited. A [SW1600 model](#) Raceciever, tuned to channel 1561 (469.500) is mandatory.

\*\*Driver may compete in only 1 entry-level division per night. You may not run in this division if you have raced in any other division in the past 5 years at any other race facility. Drivers must sign a disclaimer to this effect.\*\*